VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

MODEL:CUT-50

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Note: The product picture is for reference,the actual details shall prevail

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	This product is subject to the provision of european Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to acollection point for recycling electrical and electronic devices.
	Compliance is a EC security certification.

The CUT-50 provides a powerful and efficient method for air plasma cutting of carbon steel, stainless steel, and other conductive metals. Utilizing advanced inverter technology, it delivers precise, clean cuts on both thin and thick materials with minimal slag. When equipped with the optional air compressor (not included) and proper air filtration, the CUT-50 ensures smooth, high-speed cutting performance for industrial and workshop applications.

SPECIFICATIONS

Output Current Range:	Input Current	Input Voltage	Rated Duty Cycle	Maximum Cutting Thickness	Air pressure
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

DUTY CYCLE

The rated duty cycle refers to the amount of welding that can be done within an amount of time.The CUT-50 has a duty cycle of 60% at 50A. It is easiest to look at your welding time in blocks of10 minutes and the duty cycle being a percentage of that 10 minutes. If welding at 50A with a 60% duty cy-cle, within a 10 minute block of time you can weld for 6 minutes with 4 minutes of cooling for the welder. If theduty cvcle is exceeded, the welder will automatically shut off, however the fan will continue running to cool theoverheated components. When a safe temperature has been reached, the welder will automatically switch thewelder output back on. To increase the duty cycle you can turn down the amperage output control.

READ AND UNDERSTAND ALL INSTRUCTIONS AND PRECAUTIONS BEFORE PROCEEDING.
This unit emits a powerful high voltage and extreme heat which can cause severe bumns, dismembermentelectrical shock and death. VEVOR shall not be held liable for consequences due to deliberate or uninten-tional misuse of this product.

SAFETYINFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided
with this product:

⚠ DANGER
DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION
CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result

⚠ NOTICE
NOTICE is used to address practices not related to personal injury.

⚠ READ INSTRUCTIONS

Thorouahly read and understand this manual before using the welder. Save for future reference.

⚠ DANGER ELECTRIC SHOCK CAN KILL!

- Improper use of an electric welder can cause electric shock, injury and death! Read all precau-tions described in the Welder Manual to reduce the possibility of electric shock.
- Disconnect welder from power supply before assembly, disassembly or maintenance of thetorch, contact tip and when installing or removing nozzles.
- Always wear dry, protective clothing and leather welding gloves and insulated footwear. Usesuitable clothing made from durableflame-resistant material to protect your skin.
- If other persons or pets are in the area of welding, use welding screens to protect bystanders-from sparks.
- Always operate the welder in a clean, dry, well ventilated area. Do not operate the welder in hu-mid, wet, rainy or poorly ventilatedareas.
- The electrode and work (or ground) circuits are electrically “hot" when the welder is on. Do notallow these “hot" parts to come in contact with your bare skin or wet clothing.
- Separate yourself from the welding circuit by using insulating mats to prevent contact from thework surface.
- Be sure that the work piece is properly supported and grounded prior to beginning an electricwelding operation.
- Always attach the ground clamp to the piece to be welded and as close to the weld area aspossible. This will give the least resistance and best weld.

⚠ DANGER WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

- Electric welding produces sparks which can be discharged considerable distances at high ve-locity igniting flammable or exploding vapors and materials.
- Do not operate electric arc welder in areas where flammable or explosive vapors are present.
- Do not use near combustible surfaces. Remove all flammable items within 35 feet of the weld.ing area.
- Always keep a fire extinguisher nearby while welding.
- Use welding blankets to protect painted and or flammable surfaces; rubber weather-stripping-dash boards, engines, etc.
- Ensure power supply has properly rated wiring to handle power usage.

⚠ WARNING ELECTROMAGNETIC FIELDS CAN BE A HEALTH HAZARD!

- The electromagnetic field that is generated during arc welding may interfere with various elec.trical and electronic devices such as cardiac pacemakers. Anyone using such devices shouldconsult with their physician prior to performing any electric welding operations.
- Exposure to electromagnetic fields while welding may have other health effects which are notknown.

⚠ WARNING ARC RAYS CAN BURN!

- Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eyedamage. Use a shield with the proper filter (a minimum of #11)to protect your eyes fromsparks and the rays of the arc when welding or when observing open arc welding (see ANS!Z49.1 and Z87.1 for safety standards).
- Use suitable clothing made from durable flame-resistant material to protect your skin.If
- other persons or pets are in the area of welding, use welding screens to protect bystander-sfrom sparks and arc rays.

⚠ WARNING FUMES AND WELDING GASES CAN BE A HEALTH HAZARD!

- Fumes and gasses released during welding are hazardous. Do not breathe fumes that are pro-duced by the welding operation.
- Wear an OSHA-approved respirator when welding.Always work in a properly ventilated area.
- Never weld coated materials including but not limited to: cadmium plated, galvanized, leadbased paints.

⚠ CAUTION HOT METAL AND TOOLS WILL BURN!

- Electric welding heats metal and tools to temperatures that will cause severe burns!
- Use protective, heat resistant gloves and clothing when using Eastwood or any other weldingequipment. Never touch welded work surface, torch tip or nozzle until they have completelvcooled.

⚠ CAUTION FLYING METAL CHIPS CAN CAUSE INJURY!

- Grinding and sanding will eject metal chips, dust, debris and sparks at high velocity. To pre-vent eye injury wear approved safety glasses.
- Wear an OSHA-approved respirator when grinding or sanding.
- Read all manuals included with specific arinders, sanders or other power tools used beforeand after the welding process. Be aware of all power tool safety warnings.

REQUIREDITEMS

Before you begin using the CUT-50 , make sure you have the following:

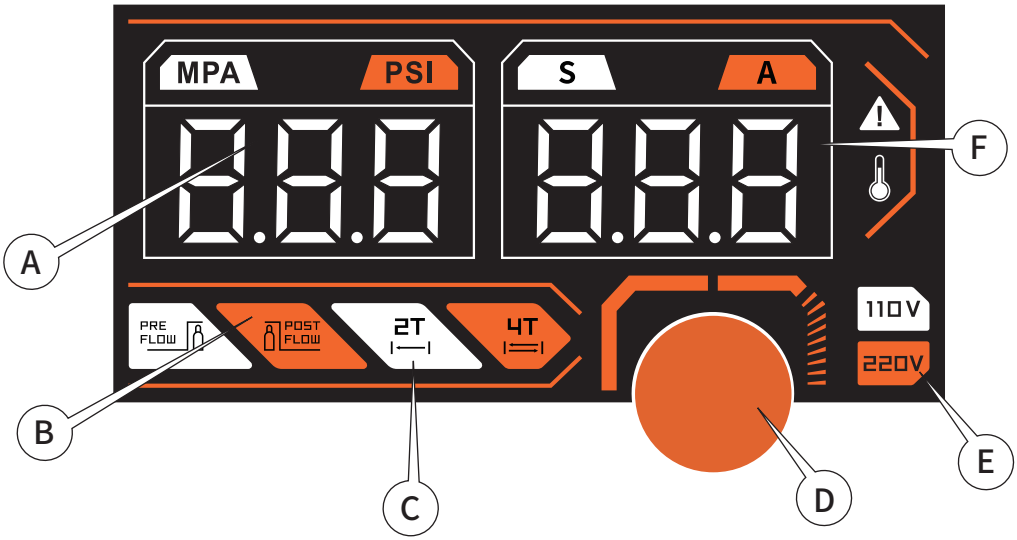
·A properly grounded 1Phase 110/220V 50A circuit breaker.
NOTE: Unit must be grounded to work properly and safely!
·A clean, safe, well-lit, dry and well-ventilated work area.
·A non-flammable, long sleeve shirt or WELDING Jacket
·Heavy Duty Welding Gloves
·Auto-Darkening Welding Helmet to provide eye protection during welding operations.
Note: MuST be a#11 lens or darker.
·Dedicated stainless steel wire welding brushes for each material to be welded.

CONTENTS

Remove all items from the box. Compare with list below to make sure unit is complete.

1.CUT-50
2.2m 16mm² Ground clamp 300A 1 set ×1
3.Air pressure regulator ×1
4.Plasma cutting torch AG-60 ×1
5.Transparent air hose 2m ×1
6.PTFE tape (plumber's tape) ×1
7.Hose clamps ×4
8.Power Adapter Cord(Dual power supply machine×1

CONTROL AND DISPLAY PANEL



A:Air Pressure Display B:Pre-flow / Post-flow

C: 2T / 4T D: Encoder Knob

E: Input Voltage Display F: Current (A) Display

Click the button to select the function to be steady on
In-screen alarm such as thermal protection

Welding Mode	Current(A)
	110/220V-1
CUT	20-50

Thermal protection LED iluminates when the unit has reached the maximum internal component temper-.ature.This occurs when the duty cycle has been exceeded.
The Welder will automatically shut off however the fan will continue running to cool the overheated com.ponents. When a safe temperature has been reached, the protective circuit will automatically switch thewelder output back on.

A: Plasma Torch Port B: Torch Trigger Socket

C: Ground Clamp Terminal D: Power Input Cable

E: Power Switch F:Gas Inlet

CUT CONNECTION DIAGRAM

1.Insert the quick-connect grounding cable into the CUT terminal output on the machine and attach the ground clamp to the workpiece.

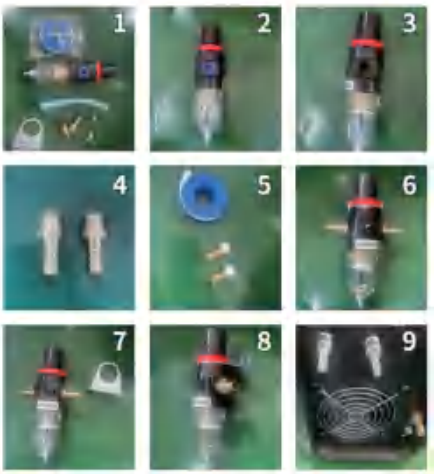
2.Connect the torch to the machine's torch socket, then plug the torch switch control cable into the machine's 2-pin socket.

3.Connect the rear panel air inlet to the compressed air supply.

4.Power on the machine and press the torch switch to enter normal cutting operation.

Air Pressure Regulator Connection Diagram. The proper cutting air pressure range is 95-99PSI.

INSTALLATION STEPS FOR AIR PRESSURE REGULATOR VALVE:



1.Gather all pressure regulator valve accessories from inside the machine.

2.Locate the air pressure regulator valve.

3.Remove the plug from the outlet of the pressure regulator valve.

4.Find the air connector.

5.Wrap the air connector with PTFE tape (thread seal tape).

6.Screw the air connector into the inlet and outlet ports of the pressure regulator valve.

7.Locate the mounting bracket for the pressure regulator valve.

8.Attach the bracket to the pressure regulator valve.

9.Find the fixing bolts on the rear panel of the machine.

10.Remove the two self-locking nuts from the bolts.

11.Wrap both the air connector (Pic 11) and the air connector on the machine's rear panel (Pic 12) with PTFE tape.

13.Install the pressure regulator valve onto the rear panel of the machine and tighten it with nuts.

14.Pay attention to the inlet and outlet directions of the pressure regulator valve.

15.Connect the air hose to the outlet of the pressure regulator valve and secure it with a hose clamp.

16.Attach the other end of the air hose to the air inlet on the rear panel of the machine and secure it with a hose clamp.

18.Pull up and rotate the top cover of the pressure regulator valve to adjust the air pressure.

PREPARING TO“STICK” WELDING

1. Plug the power cord into a properly grounded, 1Phase 110/220V 50Acircuit breaker.
2. Make sure the electrode or “Stick" is not making contact with the grounded workpiece.
3.Switch the Power Switch to “ON”.

⚠ DANGER

ELECTRIC SHOCK CAN CAUSE INJURY OR DEATH!

The electrode and work(or ground) circuits are electrically“hot”when the welder is on. Do not allowthese “hot" parts to come in contact with your bare skin or wet clothing. Always wear dry, protectiveclothing and leather welding gloves and insulated footwear.

⚠ WARNING

ARC RAYS CAN BURN!

Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eye damage. Use ashield with the proper filter (a minimum of #11) to protect your eyes from sparks and the rays of the arcwhen welding or when observing open arc welding (see ANSl Z49.1 and Z87.1 for safety standards).

⚠ DANGER

WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

Electric welding produces sparks which can be discharged considerable distances at high velocity ignit. ing flammable or exploding vapors and materials. Remove all flammable items within 35 feet of the weld. ing area. Always keep a fire extinguisher nearby while welding.

⚠ WARNING

FUMES AND WELDING GASES CAN BE A HEALTH HAZARD!

Fumes and gasses released during welding are hazardous. Do not breathe fumes that are produced by thewelding operation. Wear an OSHAapproved respirator when welding. Always work in a properly ventilatedarea.

⚠ CAUTION

HOT METAL AND TOOLS WILL BURN!

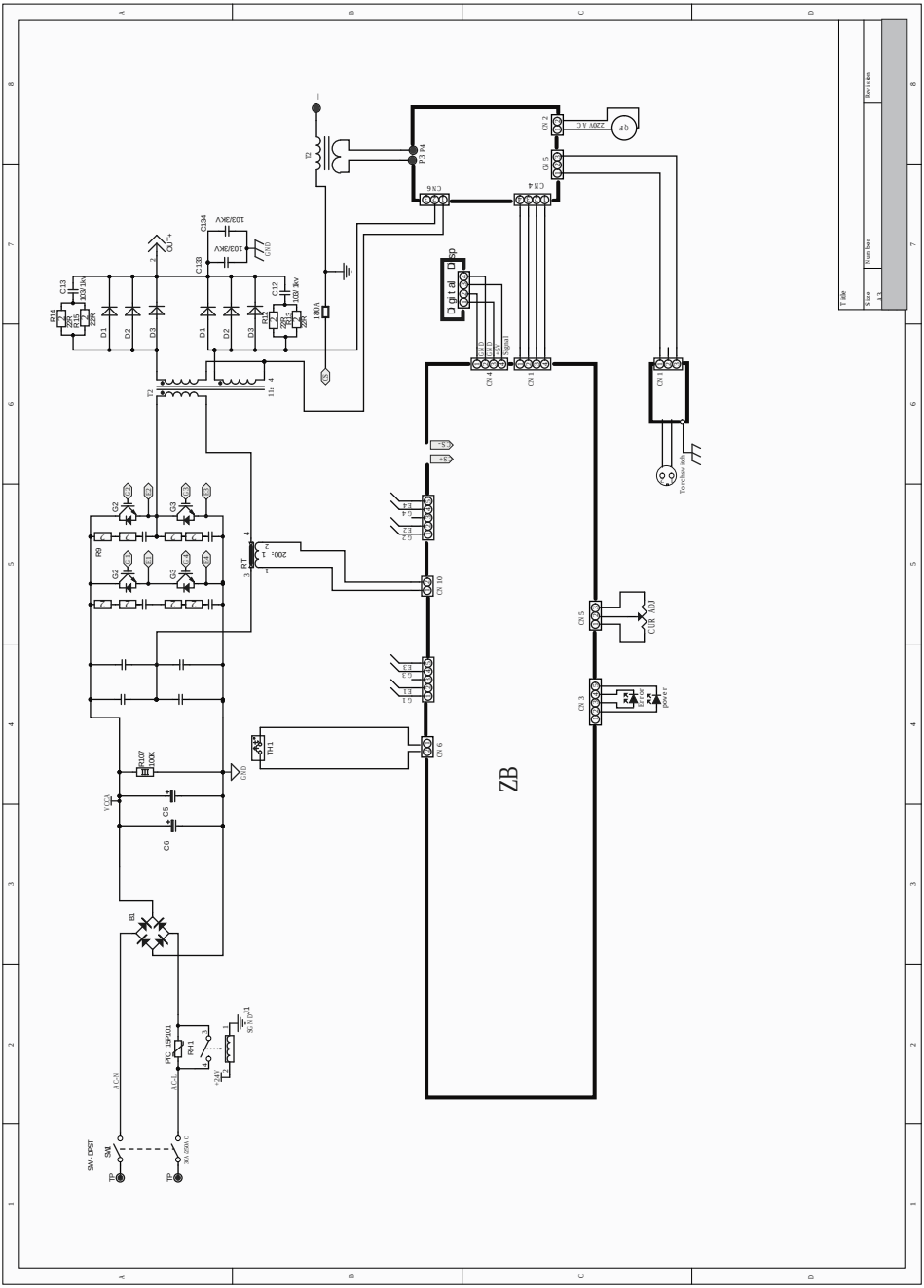
Electric welding heats metal and tools to temperatures that will cause severe burns! Use protective, heat resistant gloves and clothing.

1. While wearing a properly functioning Auto Darkening Welding Helmet, lightlydrag the tip of the Welding Rodalong the workpiece surface to start an arc.
2. Feed the Welding Rod into the workpiece joint at a 15° angle.
3. Lift rod from workpiece when weld bead is completed.
4. Turn off Welder power switch.
5.Set the Electrode or “Stick" Holder on a safe, non-flammable, surface

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
MATERIAL IS WARPING	Insufficient Clamping	Clamp work piece tightly & weld while clA are in place.
	Insufficient Tack Welds	Add more tack welds until rigidity and stiffness is developed.
	Too Much Heat in Material	To reduce heat it is best to spread the welding out around the area. This can be done by using stitch welding techniques, alternating sides, and/or taking your time and allowing the pieces to cool between passes.
POROSITY IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated base metal	Clean base metal making sure to remove any oil, debris, coatings, or moisture.
DIFFICULTY STARTING ARC	Incomplete Circuit	Check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection
	Amperage Too Low	Based on the material welding & size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	Check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture.

WIRING DIAGRAM



Manufacturer: Zhejiang Xingyi Ventilator Electrical Appliance Co., Ltd.
Address: Danya Industrial Park, Zeguo Town,WENLING Zhejiang 317523
Imported to AUS: SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD NSW 2122 Australia

UK	REP

YH CONSULTING LIMITED. C/O YH Consulting Limited Office 147, Centurion House, London Road, Staines-upon-Thames, Surrey, TW18 4AX

EC	REP

E-CrossStu GmbH
Mainzer Landstr.69,
60329 Frankfurt am Main.

VEVOR

Affordable. Reliable. Home Improvement.

DÉCOUPEUR PLASMA MACHINE

MODÈLE : COUPE -50

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PLASMA CUTTER MACHINE

Modèle : CUT -50

Remarque : Le produit image est pour référence, la réel les détails doivent prévaloir

Ce est l'original instruction, s'il te plaît lire tout manuel attentivement les instructions avant
en fonctionnement. VEVOR se réserve une interprétation claire de nos utilisateur manuel. Le apparaître-
l'ance de la le produit doit être soumis à la produit que vous recevez d. S'il vous plaît pardonnez nous
que nous ne le ferons pas vous informer à nouveau s'il existe une technologie ou logiciel mises à jour sur notre produit.

	Avertissement - À réduire le risque de blessure, utilisateur doit lire instructions manuel soigneusement .
	Ce produit est sujet à le disposition de européen Directive 2012/ 19/ UE . Le symbole montrant un wheelie bi n croisé à travers indique que le le produit nécessite un refuser collection dans le européen Syndicat . Ce s'applique à le produit et tout accessoires marqué avec ce symbole. Produits marqués en tant que tel peut ne pas être écarté avec normale déchets ménagers , mais il faut être pris à une collection point pour recyclage électrique et électronique appareils.
	Conformité est un Sécurité CE certification.

Le CUT-50 fournit un puissant et efficace méthode pour l'air découpe plasma de carbone acier, acier inoxydable et autres conducteurs métaux. Utilisation avancée technologie onduleur, il livre précis, propre

coupe sur des matériaux fins et épais avec mon animal scories. Quand équipé de le facultatif air compresseur (pas inclus) et filtration de l'air adéquate , le CUT-50 assure un fonctionnement fluide, grande vitesse coupe performer-
performances pour applications industrielles et d'atelier.

CARACTÉRISTIQUES

output current Range:	Input current	Input voltage	Rated Duty cycle	**Maximum Cutting Thickness**	**Air pressure**
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

CYCLE DE SERVICE

Le Le cycle de service nominal fait référence à la quantité de soudage qui peut être fait dans un montant du temps.Le COUPE-50 a un cycle de service de 60% à 50A. It est le plus simple à regarder à votre soudage temps dans blocs de10
minutes et le cycle de service être un pourcentage de cela 10 minutes. si le soudage à 50A avec un 60% cycle de service, dans un 10 minute bloc de temps pendant lequel vous pouvez souder pendant 6 minutes avec 4 minutes de refroidissement pour le
soudeur. Si le cycle de service est dépassé, le soudeur s'arrêtera automatiquement fermer désactivé, cependant le le ventilateur va
continuer à fonctionner pour refroidir les composants surchauffés. Lorsqu'un sûr température a a été atteint, le soudeur réactivera automatiquement la sortie de soudage. augmenter le devoir faire du vélo toi peut tourner
réduire l'ampérage de sortie contrôle.

LIRE ET COMPRENEZ TOUTES LES INSTRUCTIONS ET PRÉCAUTIONS AVANT PROCÉDURE.
Cette unité émet un puissant haute tension et extrême chaleur qui peut cause grave clochards, démembrement, choc électrique et décès. VEVOR doit ne pas être détenu responsable des conséquences exigible à volontaire ou involontaire mauvaise utilisation de ce produit.

INFORMATIONS DE SÉCURITÉ

Les explications suivantes sont affichées dans ce manuel, sur le l'étiquetage et sur tous autre information fourni
avec ça produit:

⚠ DANGER

DANGER indique un situation dangereuse qui, si elle n'est pas évitée, cela entraînera dans la mort ou sérieux blessure.

⚠ WARNING

AVERTISSEMENT indique un situation dangereuse qui, si elle n'est pas évitée, elle pourrait résultat dans la mort ou sérieux blessure.

⚠ CAUTION

ATTENTION utilisé avec le symbole d'alerte de sécurité t, indique un dangereux situation qui, si pas évité, pourrait résultat

⚠ NOTICE

AVIS est utilisé pour adresser pratiques pas lié à personnel blessure.

⚠ LIRE LES INSTRUCTIONS

Complètement lisez et comprenez ceci manuel avant utilisation le soudeur.
Sauvegarder pour l'avenir référence.

⚠ DANGER ÉLECTRIQUE CHOC PEUT TUER !

- Une mauvaise utilisation d'un poste à souder électrique peut provoquer un choc électrique, des blessures et la mort ! Lire la suite précautions décrites dans le manuel
- du soudeur pour réduire le risque de choc électrique. Débranchez le soudeur de l'alimentation électrique avant le montage, le démontage ou l'entretien de la torche, la
- pointe de contact et lors de l'installation ou du retrait des buses.
  Portez toujours des vêtements de protection secs, des gants de soudage en cuir et des
- chaussures isolées.
  Utilisez des vêtements appropriés fabriqués à partir d'un matériau résistant aux flammes
- pour protéger votre peau.
  Si d'autres personnes ou animaux domestiques se trouvent dans la zone de soudage,
- utilisez des écrans de soudage pour protéger les personnes présentes. des étincelles.
  Utilisez toujours le poste à souder dans un endroit propre, sec et bien aéré. N'utilisez pas
- le poste à souder dans zones humides, humides, pluvieuses ou mal ventilées.
  Les circuits d'électrode et de travail (ou de terre) sont électriquement « sous tension »
- lorsque le poste à souder est allumé. Ne laissez pas ces parties « chaudes » entrer en contact avec votre peau nue ou vos vêtements mouillés.
- Séparez-vous du circuit de soudage en utilisant des tapis isolants pour empêcher le contact de la surface de travail.

  Assurez-vous que la pièce à travailler est correctement soutenue et mise à la terre avant de commencer une opération de soudage électrique .

  Fixez toujours la pince de masse sur la pièce à souder et au plus près de la zone de soudure autant que possible. Cela donnera la moindre résistance et la meilleure soudure.

⚠ DANGER SOUDAGE ÉTINCELLES PEUT CAUSE FEU OU EXPLOSION !

- Le soudage électrique produit des étincelles qui peuvent être projetées sur des distances considérables à haute température. vitesse d'inflammation des vapeurs et des matériaux
- inflammables ou explosifs.
- N'utilisez pas le soudeur à arc électrique dans des zones où des vapeurs inflammables ou explosives sont présentes. Ne pas utiliser à proximité de surfaces combustibles. Retirer tous
- les objets inflammables dans un rayon de 10,7 mètres. le
- zone de soudage.
  Gardez toujours un extincteur à proximité pendant que vous travaillez.
- Utiliser des couvertures de soudage pour protéger les surfaces peintes et/ou inflammables ; des coupe-froid en caoutchouc. tableaux de bord, moteurs , etc.

  Assurez-vous que l'alimentation électrique dispose d'un câblage correctement calibré pour gérer la consommation d'énergie.

⚠ WARNING LES CHAMPS ÉLECTROMAGNÉTIQUES PEUVENT CONSTITUER UN DANGER POUR LA SANTÉ !

- Le champ électromagnétique généré lors du soudage à l'arc peut interférer avec divers appareils électriques et électroniques tels que les stimulateurs cardiaques. Toute personne utilisant de tels appareils devraient consulter leur médecin avant d'effectuer
- toute opération de soudage électrique.
  L'exposition aux champs électromagnétiques pendant le soudage peut avoir d'autres effets sur la santé qui sont inconnu.

⚠ WARNING ARC RAYONS PEUT BRÛLER !

- Arc rayons produire ultraviolet intense radiations pouvant brûler la peau exposée et cause lésions oculaires. Utilisez un bouclier avec le filtre approprié (un minimum de #11) à protégez vos yeux
  des étincelles et des rayons de l'arc lors du soudage ou lors de l' observation ouvrir
- soudage à l'arc (voir ANS!Z49.1 et Z87.1 pour les normes de sécurité).
- Utilisez des vêtements appropriés fabriqués en tissu résistant aux flammes. matériau à protégez votre peau.Si
  d'autres personnes ou animaux de compagnie sont présents le zone de soudage, utiliser le soudage écrans pour protéger spectateur- des étincelles et arc rayons.

⚠ WARNING FUMÉES ET LES GAZ DE SOUDAGE PEUVENT CONSTITUER UN DANGER POUR LA SANTÉ !

- Fumées et gaz libérés pendant le soudage sont dangereux. Faire ne pas respirer les vapeurs que sont produits par l' opération de soudage.
- Portez un respirateur approuvé par l'OSHA lorsque vous soudez. Travaillez toujours dans
- un correctement ventilé zone. Ne jamais souder enduit matériels y compris mais sans s'y limiter : le cadmium plaqué, galvanisé,
  à base de plomb peintures.

⚠ CAUTION CHAUD MÉTAL ET OUTILS VOLONTÉ BRÛLER !

- Soudage électrique chaleurs le métal et les outils à des températures qui provoqueront de graves ça brûle !
  Utiliser protecteur, chaleur gants et vêtements résistants lors de l'utilisation Eastwood ou n'importe quel autre
  équipement de soudage. Ne touchez jamais la surface de travail soudée, la pointe du chalumeau ou la buse jusqu'à ce que ils avoir complètement refroidi.

⚠ CAUTION VOL MÉTAL PUCES PEUT CAUSE BLESSURE !

- Le meulage et le ponçage éjecteront copeaux de métal, poussière, débris et des étincelles à haut vitesse. Pour éviter les blessures aux yeux, portez des lunettes de
- sécurité homologuées lunettes.
- Portez un respirateur approuvé par l'OSHA lors du meulage ou du ponçage.
  Lire tout manuels inclus avec des arinders, ponceuses ou autres spécifiques outils électriques utilisé avant et après le soudage processus. Soyez conscient de tous les avertissements de sécurité relatifs aux outils électriques.

ÉLÉMENTS REQUIS

Avant toi commencer en utilisant le COUPE-50 , assurez-vous que vous avoir les éléments suivants :

- UN correctement mis à la terre 1Phase Circuit 110/220 V 50 A briseur.

NOTE: Unité doit être ancré au travail correctement et en toute sécurité !

- Un endroit propre, sûr, bien éclairé et sec et bien ventilé travail zone .

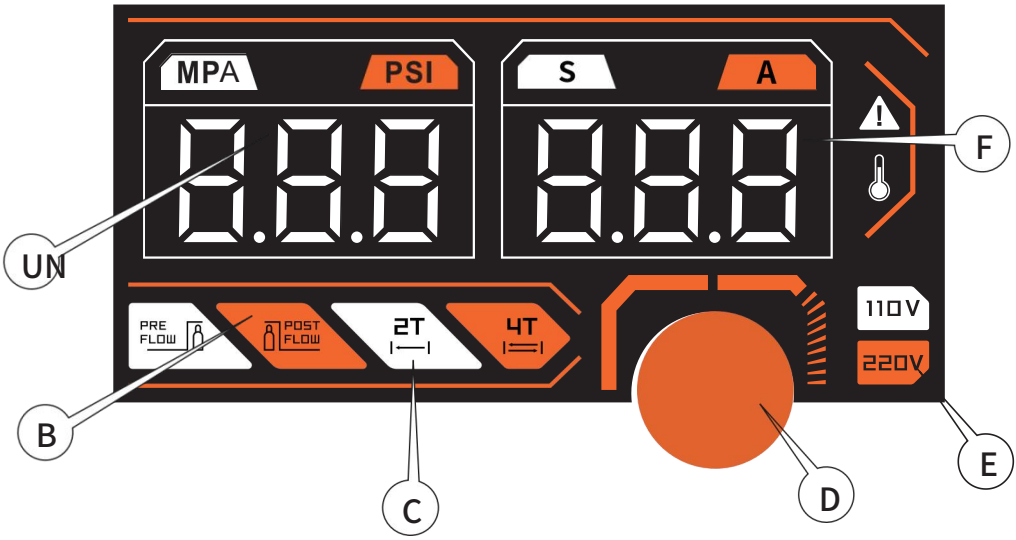
- UN ininflammable, chemise à manches longues ou veste de SOUDAGE
- Lourd Soudage de service Gants
- Soudure à assombrissement automatique Casque à fournir un oeil protection pendant le soudage opérations. Note: Doit être a#11 lentille ou plus sombre.
- Soudage dédié au fil d'acier inoxydable pinceaux pour chacun matériel à être soudé.

CONTENU

Retirer tous articles de la boîte. Comparer avec liste ci-dessous à s'assurer unité est complet.

1.COUPE-50
2,2 m 16 mm² Pince de terre 300A 1 ensemble × 1
3.Air pression régulateur ×1
4.Chalumeau de découpe plasma AG-60 ×1
5.Transparent air tuyau 2m ×1
6. Ruban PTFE (ruban de plombier) ×1
7. Colliers de serrage × 4
8. Adaptateur secteur Cordon (double alimentation électrique machine×1

CONTRÔLE ET PANNEAU D'AFFICHAGE



A : Air Pression Affichage B : Pré -débit / Post-flux

C: 2T / 4T D: Encodeur Bouton

E: Tension d'entrée Affichage F : Actuel (UN) Afficher

Cliquez sur le bouton pour sélectionner la fonction à être constant sur À l'écran alarme telle comme thermique protection

soudage Mode	courant (A)
	110/220V-1
COUPER	20-50

La LED de protection thermique s'allume lorsque l'appareil a atteint le maximum composant interne température.Cela se produit lorsque le cycle de service a été dépassé.
Le soudeur s'éteindra automatiquement, mais le ventilateur continuera de fonctionner pour refroidir la pièce surchauffée.
composants. Une fois la température de sécurité atteinte, le circuit de protection se désactive automatiquement. la sortie du soudeur est de nouveau activée.

UN: Plasma Torche Port B : Torche Déclenchement Douille

C: Sol Serrer Terminal D : Pouvoir Saisir Câble

E: Interrupteur d'alimentation F:Gaz En laisser

SCHÉMA DE CONNEXION COUPE

1.Insérez le connexion rapide mise à la terre câble dans le Borne CUT sortir sur le machine et attacher le sol serrer à la pièce à usiner.

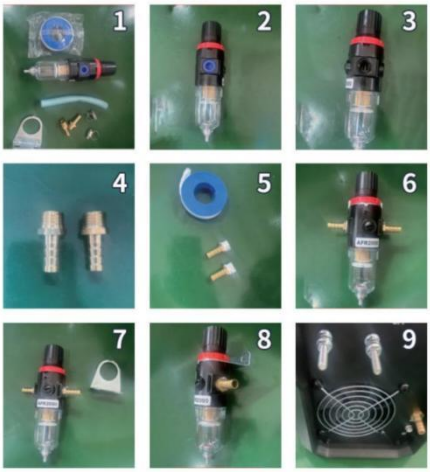
2.Connectez la torche au machines douille de torche, puis branchez le torche
changer contrôle câble dans le prise à 2 broches de la machine.

3.Connectez le arrière panneau air entrée et à le comprimé alimentation en air.

4. Puissance sur le machine et appuyez sur le interrupteur de la torche à entrer normale coupe opération.

Air Pression Régulateur Connexion Diagramme. Le approprié coupe air prés- bien sûr gamme est 95-99 PSI.

ÉTAPES D'INSTALLATION POUR RÉGULATEUR DE PRESSION D'AIR :



1. Rassembler tous pression vanne de régulation accessoires de à l'intérieur du machine .

2. Localisez le air pression régulateur soupape.

3.Retirez le fiche de la sortie de le pression vanne régulatrice .

4.Trouvez le air connecteur.

5. Enveloppez le air connecteur avec h PTFE ruban adhésif (ruban d'étanchéité pour filetage).

6. Vissez le air connecteur dans le entrée et sortie ports de la pression régulariser- soupape de sécurité.

7. Localisez le montage support pour le pression vanne de régulation .

8.Fixez le support à la pression vanne régulatrice.

9.Trouvez la solution boulons sur le arrière panneau de la machine.

10.Retirez les deux autobloquants noix de la boulons.

11. Envelopper les deux air connecter ou (Photo 11) et le air connecteur sur le machines arrière panneau (Photo 12) avec Ruban PTFE.

13.Installez le pression vanne de régulation sur le arrière panneau de la machine et serrer avec ça des noix.

14. Payer attention à la entrée et sortie instructions de la pression régulateur soupape.

15.Connectez le air tuyau vers le sortie de la pression vanne de régulation et sécurisé avec ça un tuyau pince .

16.Fixez le autre fin de la air tuyau au air entrée sur le arrière panneau de le machine et sécurisé avec ça un tuyau serrer.

18.Tirer en haut et faire pivoter le haut couverture de la pression vanne de régulation à ajuster le air pression.

PRÉPARATION À « COLLER » SOUDAGE

1. Branchez le cordon d'alimentation dans un correctement arrondi, 1Phase Circuit 110/220 V 50 A briseur.
2. Assurez-vous que l'électrode ou le « bâton » est pas fabrication contact avec le fondé pièce à usiner.
3. Changez le Interrupteur d'alimentation sur « ON ».

⚠ DANGER

UN CHOC ÉLECTRIQUE PEUT CAUSER DES BLESSURES OU LA MORT !

Les circuits d'électrode et de travail (ou de terre) sont sous tension lorsque le poste à souder est allumé. Ne les laissez pas sous tension. parties entrant en contact avec votre peau nue ou vos vêtements mouillés. Portez toujours des vêtements secs et protecteurs ainsi que du cuir gants de soudage et chaussures isolées.

⚠ WARNING

LES RAYONS D'ARC PEUVENT BRÛLER!

Les rayons de l'arc produisent un rayonnement ultraviolet intense qui peut brûler la peau exposée et provoquer œil dommage. Utiliser bouclier avec le filtre approprié (un minimum de #11) pour protéger vos yeux des étincelles et des rayons de l'arc lors du soudage ou lors de l'observation d'un soudage à l'arc ouvert (voir ANSI Z49.1 et Z87.1 pour les normes de sécurité).

⚠ DANGER

LES ÉTINCELLES DE SOUDAGE PEUVENT PROVOQUER UN INCENDIE OU UNE EXPLOSION !

Le soudage électrique produit des étincelles qui peuvent être projetées sur des distances considérables à grande vitesse. Éviter les vapeurs et matériaux inflammables ou explosifs. Retirer tous les objets inflammables à moins de 10,6 mètres de la soudure. zone de pêche. Gardez toujours un extincteur à proximité pendant le soudage.

⚠ WARNING

FUMÉES ET LES GAZ DE SOUDAGE PEUVENT CONSTITUER UN DANGER POUR LA SANTÉ !

Les fumées et gaz dégagés lors du soudage sont dangereux. Ne respirez pas les fumées produites. par l'opération de soudage. Portez un respirateur homologué OSHA lors du soudage. Travaillez toujours dans un endroit bien ventilé. ch.

⚠ CAUTION

MÉTAL CHAUD ET LES OUTILS BRÛLERONT !

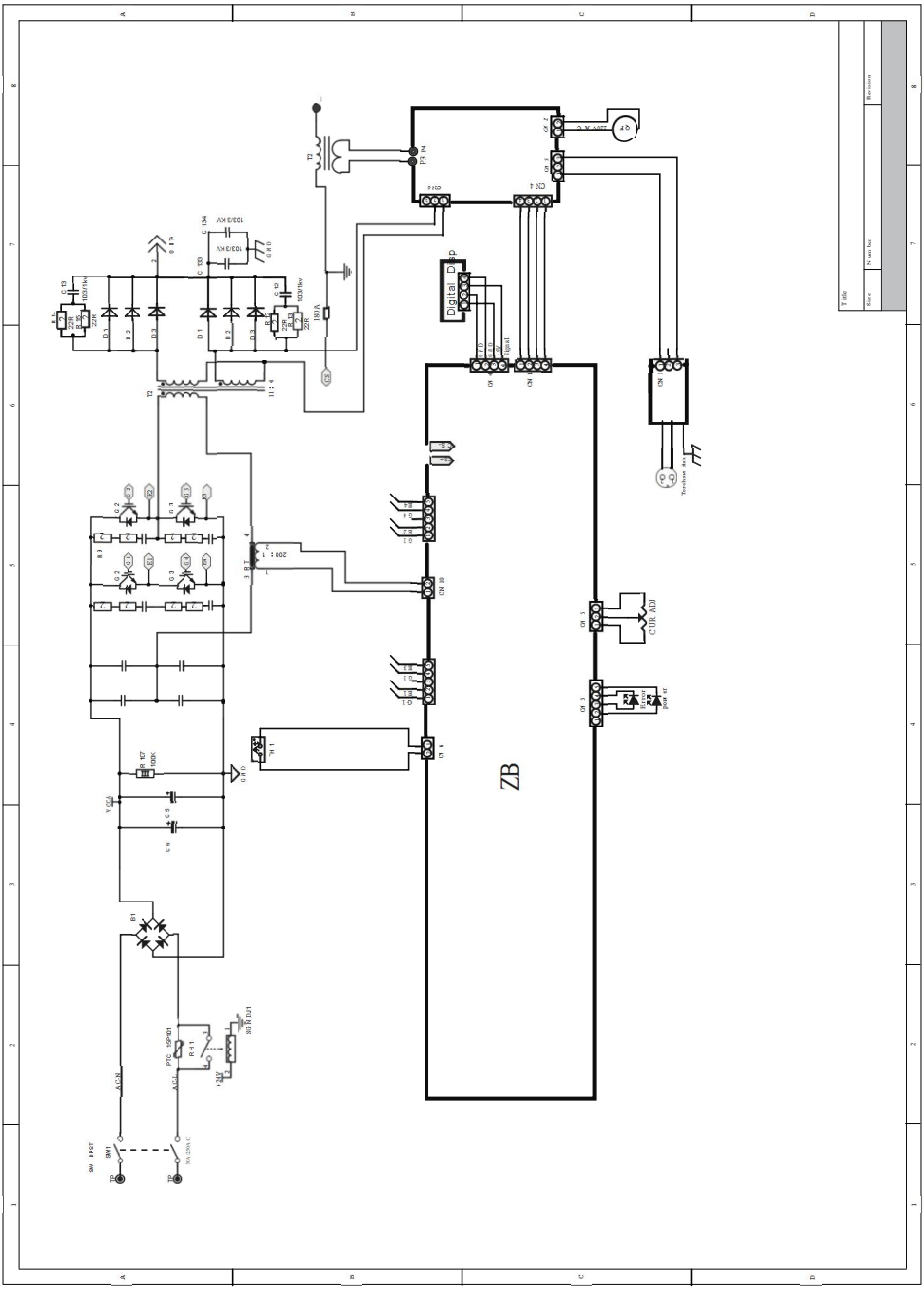
Le soudage électrique chauffe le métal et les outils à des températures susceptibles de provoquer de graves brûlures ! Portez des vêtements de protection, de la chaleur et des gants. gants et vêtements résistants.

1. En portant un fonctionne correctement Auto Soudure assombrissante Casque, faites glisser légèrement la pointe du fer à souder Roulez le long de la surface de la pièce pour démarrer un arc.
2. Alimenter la soudure Tige dans le joint de la pièce à usiner à un Angle de 15° .
3. Ascenseur tige de la pièce lorsque le cordon de soudure est complété.
4. Éteignez l'interrupteur d'alimentation du soudeur.
5.Réglez le Électrode ou « bâton » H plus âgé sur un endroit sûr et non inflammable, surface

DÉPANNAGE

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
LE MATÉRIEL EST GAUCHISSEMENT	Serrage insuffisant	serrer fermement la pièce à travailler et souder alors que clA sont dans lieu.
	Soudures par points insuffisantes	Ajouter plus de soudures par points jusqu'à rigidité et rigidité est développé .
	Aussi Beaucoup Chaleur dans Matériel	À réduire chaleur il est le mieux est de étaler la soudure autour du zone. Cela peut être fait par en utilisant point soudage techniques, alternant côtés, et/ou prendre votre temps et permettre les pièces à cool entre passe.
POROSITÉ DANS CORDON DE SOUDURE	Contaminé Électrode Tige	Faire sûr que Électrodes sont propres et sécher avant utiliser.
	Base contaminée métal	faire le ménage base métal fabrication sûr de retirer n'importe quelle huile, débris, revêtements, ou l'humidité.
DIFFICULTÉ DÉPART ARC	Circuit incomplet	vérifier le sol connexion. Faire sûr que le sol est sur un fraîchement nettoyé surface et à proximité de la soudure zone. Il est suggéré de souder vers le sol connexion
	Ampérage trop Faible	Basé sur le matériel soudage & taille/matériau de la électrode, choisir un ampérage approprié pour effectuer le désiré souder.
	Contaminé Base Métal	faire le ménage base métal de n'importe quelle huile, débris, revêtements, ou de l'humidité. Si la base métal il fait froid roulé acier faire sûr de retirer n'importe quel moulin échelle.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	clean base metal of any oil, debris, coatings, or moisture.

WIRING DIAGRAM



Fabricant : Zhejiang Xingyi Venti lator Appareil électrique Co., Ltd.
Adresse: Danya Industriel Parc, ville de Zeguo, WENLING Zhejiang 317523

Importé en AUS : SIHAO PTY SARL. 1 ROKEVA STREETEASWOOD NSW 2122 Australie

UK	**REP**

YH CONSULTING LIMITÉE. C/OYH Consulting Limité Bureau 147, Centurion Maison , Londres Route, Staines-upon- Thames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu GmbH
Mayence Landstr.69,
60329 Francfort-sur-le-Main Principal.

VEVOR

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PLASMASCHNEIDER MASCHINE

MODELL : CUT -50

VEVOR

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PLASMA CUTTER MACHINE

Modell : CUT -50

Hinweis: Die Produkt Bild ist für Referenz,die tatsächlich Einzelheiten werden sich durchsetzen

Das ist das Original Anweisung, Bitte alles lesen Handbuch Anweisungen sorgfältig durch, bevor Sie
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dass wir nicht informieren Sie erneut, wenn es neue Technologien gibt oder Software Aktualisierungen An unser Produkt.

	Warnung - Zu reduzieren Die Risiko von Verletzung, Benutzer muss lesen Anweisungen Handbuch sorgfältig .
	Das Produkt Ist Thema Zu Die Bestimmung von europäisch Richtlinie 2012/ 19/ EU . Der Symbol zeigt ein Wheelie bin gekreuzt durch zeigt an, dass Die Produkt erfordert separate verweigern Sammlung In Die europäisch Union . Das gilt Zu Die Produkt und alle Zubehör markiert mit diesem Symbol. Produkte, die mit als solche Mai nicht sein verworfen mit Normal Hausmüll , aber muss Sei genommen zu einer Sammlung Punkt für Recycling elektrisch Und Elektronik Geräte.
	Einhaltung Ist A EG-Sicherheit Zertifizierung.

Der CUT-50 bietet eine leistungsstark und effizient Methode für Luft Plasmaschneiden aus Kohlenstoff Stahl, Edelstahl und andere leitfähige Metalle. Durch die Nutzung fortschrittlicher Wechselrichtertechnologie, es liefert präzise, sauber

schneidet sowohl dünne als auch dicke Materialien mit mein Tier Schlacke. Wann ausgestattet mit Die optional Luft Kompressor (nicht enthalten) und Durch die richtige Luftfilterung sorgt der CUT-50 für einen reibungslosen, hohe Geschwindigkeit Schneiden Leistung
Leistung für den Industrie- und Werkstatteinsatz.

SPEZIFIKATIONEN

output current Range:	Input current	Input voltage	Rated Duty cycle	**Maximum Cutting Thickness**	**Air pressure**
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

ARBEITSZYKLUS

Der Der Nennarbeitszyklus bezieht sich auf die Menge an Schweißarbeiten, die dürfen Sei erledigt innerhalb ein Menge der Zeit.Die CUT-50 hat einen Arbeitszyklus von 60 % bei 50 A. es Ist am einfachsten Zu sehen bei Ihre Hochzeit Zeit In Blöcke von 10
Minuten und der Arbeitszyklus ein Prozentsatz davon 10 Minuten. Beim Schweißen an 50A mit A 60 % Arbeitszyklus , innerhalb eines 10 Minute Zeitblock , den Sie schweißen können 6 Minuten mit 4 Minuten Abkühlung für die
Schweißgerät. Wenn der Einschaltzyklus überschritten wird, schaltet das Schweißgerät automatisch schließen aus, Jedoch Die Lüfter wird

weiterlaufen, um die überhitzten Komponenten abzukühlen. Wenn ein sicher Temperatur hat gewesen erreicht, Das Schweißgerät schaltet den Schweißausgang automatisch wieder ein. Um erhöhen die Pflicht Zyklus Du dürfen drehen
die Stromstärke o Ausgang Kontrolle.

LESEN UND VERSTEHEN SIE ALLE ANWEISUNGEN UND VORSICHTSMASSNAHMEN VOR FORTFAHREN.
Dieses Gerät gibt ein leistungsstark Hochspannung und extreme Hitze, die dürfen Ursache schwer Hintern, Verstümmelung , Stromschlag und Tod. VEVOR wird nicht sein gehalten für die Folgen haftbar fällig Zu absichtlich oder unbeabsichtigt Missbrauch dieses Produkts.

SICHERHEITSINFORMATIONEN

Die folgenden Erklärungen werden angezeigt in diesem Handbuch, auf der Kennzeichnung und An alle andere Information bereitgestellt
mit diesem Produkt:

⚠ DANGER

GEFAHR zeigt eine gefährliche Situation, die wenn sie nicht vermieden werden, führt In Tod oder ernst Verletzung.

⚠ WARNING

WARNUNG zeigt eine gefährliche Situation, die wenn sie nicht vermieden werden, Ergebnis im Tod oder ernst Verletzung.

⚠ CAUTION

VORSICHT wird zusammen mit dem Sicherheitswarnsymbol verwendet . zeigt eine gefährlich Situation, die Wenn nicht vermieden, könnte Ergebnis

⚠ NOTICE

BEACHTEN Ist verwendet, um Praktiken nicht im Zusammenhang mit persönlich Verletzung.

⚠ ANWEISUNGEN LESEN

Gründlich Lesen und verstehen Sie dies Handbuch vor der Verwendung Die Schweißer. Speichern für die Zukunft Referenz.

⚠ DANGER ELEKTRISCH SCHOCK DÜRFEN TÖTEN !

- Unsachgemäßer Gebrauch eines Elektroschweißgeräts kann zu Stromschlägen, Verletzungen und zum Tod führen! Lesen Sie alles Befolgen Sie die im
- Schweißerhandbuch beschriebenen Vorsichtsmaßnahmen, um die Möglichkeit eines Stromschlags zu verringern. Trennen Sie das Schweißgerät von der Stromversorgung,
- bevor Sie es montieren, demontieren oder warten. Brenner, Kontaktspitze und beim Installieren oder Entfernen von Düsen.
- Tragen Sie immer trockene Schutzkleidung, Schweißhandschuhe aus Leder und isoliertes Schuhwerk.
- zum Schutz Ihrer Haut geeignete Kleidung aus strapazierfähigem, flammhemmendem Material .
- Wenn sich andere Personen oder Haustiere im Bereich des Schweißen, verwenden Sie Schweißschirme, um umstehende Personen zu schützen- vor Funken.
- Betreiben Sie das Schweißgerät immer in einem sauberen, trockenen und gut belüfteten Bereich. Betreiben Sie das Schweißgerät nicht in Feuchte, nasse, regnerische oder
- schlecht belüftete Bereiche.
  Die Elektroden- und Erdungskreise sind bei eingeschaltetem Schweißgerät elektrisch
- „heiß“. Lassen Sie diese „heißen“ Teile nicht mit Ihrer bloßen Haut oder nasser Kleidung in Berührung kommen .

  Trennen Sie sich vom Schweißstromkreis durch Verwendung von Isoliermatten, um den Kontakt mit die Arbeitsfläche.

  Stellen Sie sicher, dass das Werkstück ordnungsgemäß abgestützt und geerdet ist, bevor Sie mit der Elektroschweißbetrieb .

  Befestigen Sie die Masseklemme immer am zu schweißenden Teil und so nah wie möglich am Schweißbereich wie möglich. Dies ergibt den geringsten Widerstand und die beste Schweißnaht.

⚠ DANGER SCHWEISSEN FUNKEN DÜRFEN URSACHE FEUER ODER EXPLOSION !

- Beim Elektroschweißen entstehen Funken, die bei hoher Geschwindigkeit über beträchtliche Entfernungen entladen werden können. Geschwindigkeit, die brennbare
- oder explodierende Dämpfe und Materialien entzündet.
- Betreiben Sie das Lichtbogenschweißgerät nicht in Bereichen, in denen brennbare oder explosive Dämpfe vorhanden sind. Nicht in der Nähe von brennbaren Oberflächen
- verwenden. Entfernen Sie alle brennbaren Gegenstände innerhalb von 35 Fuß Die
- Schweißbereich.
  Halten Sie beim Laden immer einen Feuerlöscher bereit .
- Verwenden Sie Schweißdecken zum Schutz lackierter und/oder brennbarer Oberflächen; Gummi-Dichtungsstreifen- Armaturenbretter, Motoren usw.

  Stellen Sie sicher, dass die Stromversorgung über die richtige Verkabelung verfügt, um den Stromverbrauch zu bewältigen.

⚠ WARNING ELEKTROMAGNETISCHE FELDER KÖNNEN GESUNDHEITSGEFÄHRDEND SEIN!

- Das beim Lichtbogenschweißen erzeugte elektromagnetische Feld kann verschiedene elektrische und elektronische Geräte wie Herzschrittmacher. Jeder, der solche Geräte benutzt sollten vor der Durchführung elektrischer Schweißarbeiten ihren Arzt
- konsultieren .

  Die Einwirkung elektromagnetischer Felder beim Schweißen kann weitere gesundheitliche Auswirkungen haben, die nicht bekannt.

⚠ WARNING BOGEN STRAHLEN DÜRFEN BRENNEN !

- Bogen Strahlen produzieren intensives Ultraviolett Strahlung, die die Haut verbrennen kann Und Ursache Augenschäden. Verwenden Sie ein Schild mit dem richtigen Filter (ein mindestens #11) bis Schützen Sie Ihre Augen
- vor Funken und Lichtbogenstrahlen beim Schweißen oder beim Beobachten offen
- Lichtbogenschweißen (Sicherheitsstandards siehe ANS!Z49.1 und Z87.1). Tragen Sie geeignete Kleidung aus strapazierfähigem, flammhemmendem Material zu schützen Sie Ihre Haut.Wenn andere Personen oder Haustiere sind in Die Bereich des Schweißens, Schweißen verwenden Bildschirme zu schützen Zuschauer- von Funken und Bogen Strahlen.

⚠ WARNING DÄMPFE UND SCHWEISSGASE KÖNNEN EIN GESUNDHEITSRISIKO DARSTELLEN!

- Dämpfe und Gase beim Schweißen freigesetzt werden, gefährlich. Tun keine Dämpfe einatmen Das entstehen durch den Schweißvorgang .
- Tragen Sie beim Schweißen eine von der OSHA zugelassene Atemschutzmaske. Arbeiten
- Sie immer in einem richtig belüftet Bereich. Niemals beschichtetes Schweißen Materialien einschließlich Aber nicht beschränkt auf: Cadmium plattiert, verzinkt, Leadbasiert Farben.

⚠ CAUTION HEISS METALL UND WERKZEUGE WILLE BRENNEN !

- Elektroschweißen heizt Metall und Werkzeuge Temperaturen aussetzen, die schwere Verbrennungen!
- Verwenden schützend, Hitze beständige Handschuhe und Kleidung bei der Eastwood oder irgendein andere Schweißgeräte. Berühren Sie niemals die geschweißte Arbeitsfläche, die Brennerspitze oder die Düse, bis Sie haben vollständig abgekühlt.

⚠ CAUTION FLIEGEN METALL CHIPS DÜRFEN URSACHE VERLETZUNG !

- Beim Schleifen und Schmirgeln werden Metallspäne, Staub, Schutt Und Funken bei hoch Geschwindigkeit. Um Augenverletzungen zu vermeiden, tragen Sie zugelassene
- Gläser.
- Tragen Sie beim Schleifen oder Schleifen eine von der OSHA zugelassene Atemschutzmaske . Alles lesen Handbücher im Lieferumfang bestimmter Schleifmaschinen, Schleifgeräte oder anderer Elektrowerkzeuge vor und nach dem Schweißen verwendet Verfahren. Beachten Sie alle Sicherheitshinweise für Elektrowerkzeuge.

ERFORDERLICHE ARTIKEL

Bevor Sie beginnen mithilfe der CUT-50 , Stellen Sie sicher, dass Sie habe folgendes:

- **A ordnungsgemäß geerdet 1Phase 110/220 V 50 A-Schaltkreis Leistungsschalter.**

NOTIZ: Einheit muss an die Arbeit gefesselt sein richtig und sicher!

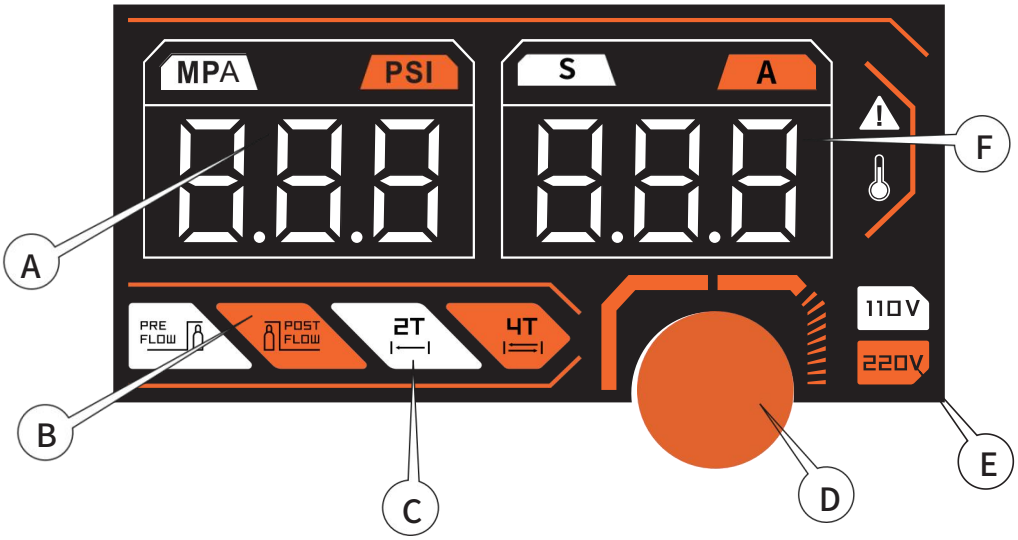
- Eine saubere, sichere, gut beleuchtete, trockene und gut belüftet arbeiten Bereich .
- A nicht brennbar, Langarmhemd oder Schweißerjacke
- Schwer Schweißen im Dienst Handschuhe
- Automatisch abdunkelndes Schweißen Helm zu Auge bieten Schutz beim Schweißen Operationen. Notiz: Muss Sei a#11 Linse oder dunkler.
- Spezielles Schweißen von Edelstahldrähten Bürsten für jeden Material Zu Sei geschweißt.

INHALT

Entfernen alle Artikel aus der Kasten. Vergleichen mit Liste unten zu stellen Sie sicher Einheit Ist vollständig.

1.CUT-50
2,2 m 16mm² Erdungsklemme 300A 1 Satz ×1
3.Luft Druck Regler ×1
4.Plasmaschneidbrenner AG-60 ×1
5.Transparent Luft Schlauch 2 m ×1
6.PTFE-Band (Klempnerband) ×1
7. Schlauchschellen ×4
8.Netzteil Kabel (Dual Stromversorgung Maschine × 1

KONTROLLE UND DISPLAY



A:Luft Druck Anzeige B:Vor fluss / Nachfluss

C: 2T / 4T D: Encoder Knopf

E: Eingangsspannung Anzeige F: Aktuell (A) Anzeige

Klicken Sie auf das , um die gewünschte Funktion auszuwählen. Sei stetig An Im Bildschirm Alarm wie als thermische Schutz

Schweißen Modus	Strom (A)
	110/220V-1
SCHNEIDEN	20-50

Die Thermoschutz-LED leuchtet, wenn das Gerät die maximale Temperatur erreicht hat. interne Komponente Temperatur. Dies tritt auf, wenn der Arbeitszyklus überschritten wurde.
Das Schweißgerät schaltet sich automatisch ab, der Lüfter läuft jedoch weiter, um das überhitzte Komponenten. Wenn eine sichere Temperatur erreicht ist, schaltet die Schutzschaltung automatisch den Schweißausgang wieder ein.

A: Plasma Fackel Hafen B : Fackel Auslösen Buchse

C: Boden Klemme Terminal D : Leistung Eingang Kabel

E: Netzschalter F:Gas Im let

ANSCHLUSSDIAGRAMM AUSSCHNEIDEN

1.Fügen Sie die Schnellanschluss Erdung Kabel in die CUT- Terminal Ausgabe An Die Maschine Und befestigen Sie die Boden Klemme an der Werkstück.

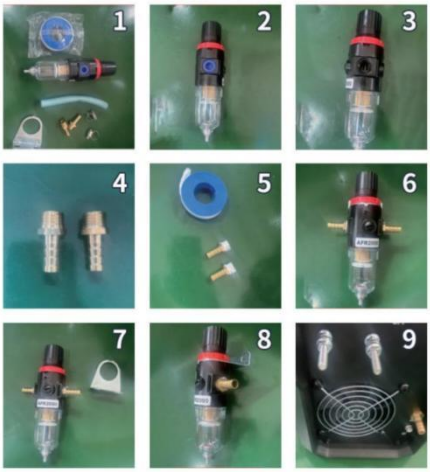
2.Schließen Sie die Taschenlampe an die Maschine Brennerfassung, dann stecken Sie den Fackel schalten Kontrolle Kabel in die 2-polige Buchse der Maschine.

3.Verbinden Sie die hinteren Bedienfeld Luft Einlass zu Die komprimiert Luftversorgung.

4.Macht auf der Maschine Und Drücken Sie die Taschenlampenschalter auf eingeben Normal Schneiden Betrieb.

Luft Druck Regler Verbindung Diagramm. Das richtig Schneiden Luft Druck- Sicher Reichweite Ist 95–99 PSI.

INSTALLATIONSSCHRITTE FÜR LUFTDRUCKREGLERVENTIL :



1. Sammeln alle Druck Regelventil Zubehör von innerhalb der Mac Hine.

2.Suchen Sie die Luft Druck Regler Ventil.

3.Entfernen Sie die Stecker aus dem rauslassen von Die Druck Regelventil .

4.Finden Sie die Luft Anschluss.

5.Wickeln Sie die Luft Stecker mit h PTFE Band (Gewindedichtband).

6.Schrauben Sie die Luft Anschluss in die Einlass Und Steckdose Häfen der Druck Regel- torventil.

7.Suchen Sie die Montage Halterung für die Druck Regelventil .

8.Befestigen Sie die Halterung an der Druck Regelventil.

9.Finden Sie die Lösung Bolzen auf der hinteren Pannel der Maschine.

10.Entfernen Sie die beiden selbstsichernden Nüsse aus dem Schrauben.

11.Wrap sowohl die Luft verbinden oder (Bild 11) und die Luft Anschluss auf der Maschine hinteren Bedienfeld (Bild 12) mit PTFE-Band.

13.Installieren Sie die Druck Regelventil auf die hinteren Bedienfeld von t er Maschine Und anziehen es mit Nüsse.

14.Bezahlen Aufmerksamkeit auf die Einlass Und Steckdose Wegbeschreibung der Druck Regler Ventil.

15.Verbinden Sie die Luft Schlauch an die Steckdose der Druck Regelventil Und sicher es mit A Schlauch Klemmverstärker .

16.Befestigen Sie die andere Ende der Luft Schlauch zum Luft Einlass auf der hinteren Bedienfeld von Die Maschine und sicher es mit A Schlauch Klemme.

18.Ziehen hoch Und Drehen Sie die Oberseite Abdeckung der Druck Regelventil zum anpassen Die Luft Druck.

VORBEREITUNG ZUM „KLEBEN“ SCHWEISSEN

1. Stecken Sie den Netzkabel in eine richtig gerundet, 1Phase 110/220 V 50 A-Schaltkreis Leistungsschalter.
2. Stellen Sie sicher, dass die Elektrode bzw. der „ Stick“ nicht Herstellung Kontakt mit dem geerdet Werkstück.
3.Schalten Sie die Netzschalter auf „ON“.

⚠ DANGER

EIN STROMSCHLAG KANN ZU VERLETZUNGEN ODER ZUM TOD FÜHREN!

Die Elektroden- und Erdungskreise sind bei eingeschaltetem Schweißgerät elektrisch „heiß“. Lassen Sie diese „heißen“ Teile dürfen nicht mit Ihrer bloßen Haut oder nasser Kleidung in Berührung kommen. Tragen Sie immer trockene Schutzkleidung und Leder Schweißhandschuhe und isoliertes Schuhwerk.

⚠ WARNING

LICHTBOGENSTRAHLEN KÖNNEN BRENNEN!

Lichtbogenstrahlen erzeugen intensive ultraviolette Strahlung, die die Haut verbrennen und Auge Schaden. Verwenden ein Schild mit dem richtigen Filter (mindestens #11) zum Schutz Ihrer Augen vor Funken und Lichtbogenstrahlen beim Schweißen oder beim Beobachten von Lichtbogenschweißungen (siehe ANSI Z49.1 und Z87.1 für Sicherheitsstandards).

⚠ DANGER

SCHWEISSFUNKEN KÖNNEN BRAND ODER EXPLOSION VERURSACHEN!

Beim Elektroschweißen entstehen Funken, die mit hoher Geschwindigkeit über beträchtliche Entfernungen entladen werden können. brennbaren oder explodierenden Dämpfen und Materialien. Entfernen Sie alle brennbaren Gegenstände im Umkreis von 10,7 Metern um die Schweißnaht. ing-Bereich. Halten Sie beim Schweißen immer einen Feuerlöscher bereit.

⚠ WARNING

DÄMPFE UND SCHWEISSGASE KÖNNEN EIN GESUNDHEITSRISIKO DARSTELLEN!

Beim Schweißen freigesetzte Dämpfe und Gase sind gefährlich. Atmen Sie die entstehenden Dämpfe nicht ein. von

Tragen Sie beim Schweißen eine von der OSHA zugelassene Atemschutzmaske . Arbeiten Sie immer in einem gut belüfteten Raum. je.

⚠ CAUTION

HEISSES METALL UND WERKZEUGE WERDEN BRENNEN!

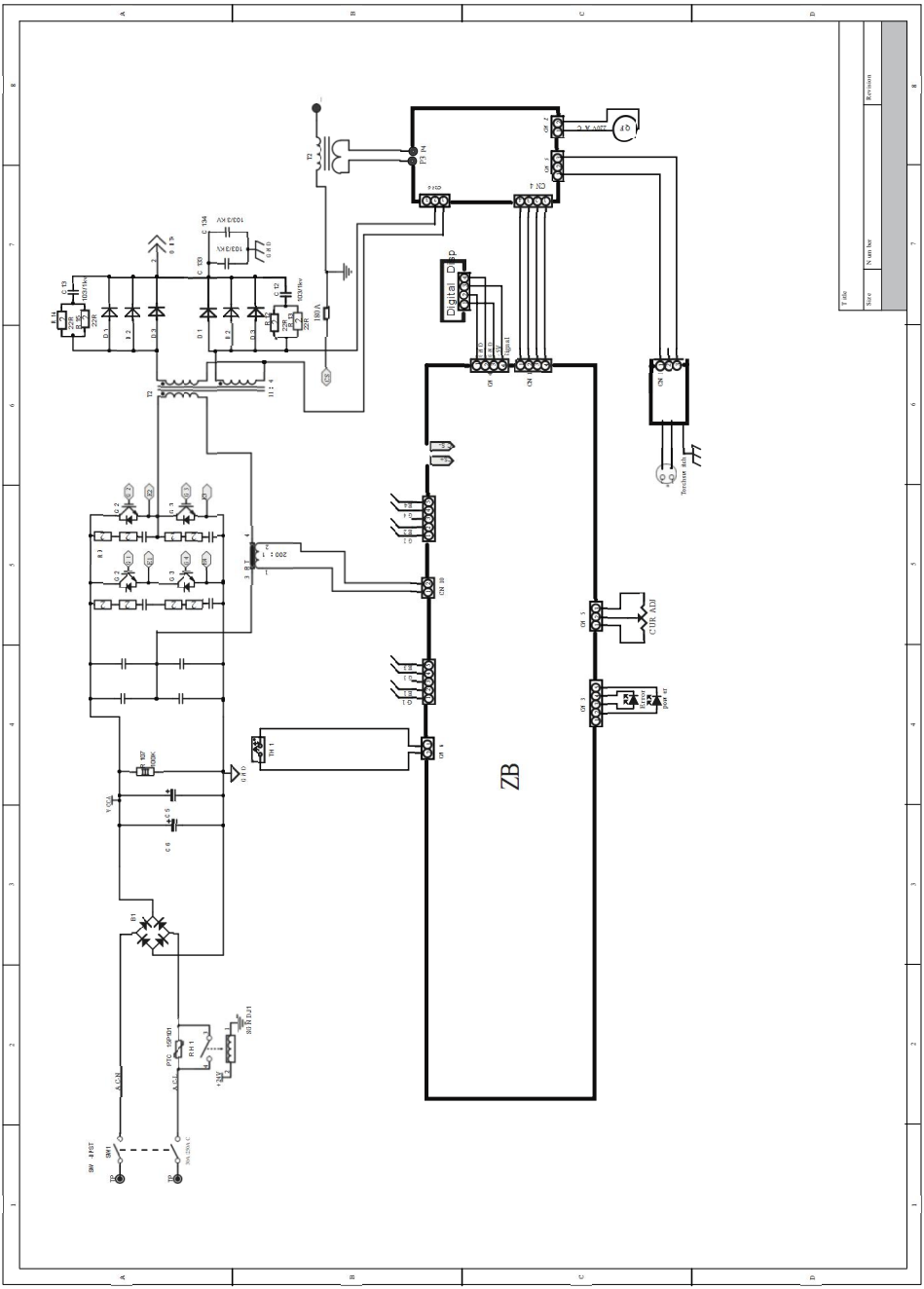
Beim Elektroschweißen werden Metall und Werkzeuge auf Temperaturen erhitzt, die schwere Verbrennungen verursachen können! beständige Handschuhe und Kleidung.

1. Beim Tragen eines ordnungsgemäß funktionieren Auto Verdunkelungsschweißen Helm, ziehen Sie leicht die Spitze des Schweißens Fahren Sie entlang der Werkstückoberfläche , um einen Lichtbogen zu erzeugen.
2. Füttern Sie das Schweißen Stange in die Werkstückfuge ein 15°-Winkel .
3. Aufzug Schweißnaht vom Werkstück abziehen, wenn die Schweißnaht vollendet.
4. Schalten Sie den Netzschalter des Schweißgeräts aus.
5.Stellen Sie die Elektrode oder „Stick“ H älter auf einem sicheren, nicht brennbaren, Oberfläche

FEHLERBEHEBUNG

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
MATERIAL IST Verziehen	Unzureichende	Werkstück fest einspannen & schweißen während clA Sind In Ort.
	Klemmung	Hinzufügen mehr Heftschweißungen bis Steifigkeit und Steifheit Ist entwickelt .
	Unzureichende Heftschweißungen	Zu reduzieren Hitze Es Ist am besten das Schweißen verteilen draußen rund um die Bereich. Dies kann erledigt werden von mit Stich Schweißen Techniken , abwechselnd Seiten , und/oder Einnahme Ihre Zeit und erlauben die Stücke Zu Cool zwischen geht.
	Zu Viel Hitze In Material	
POROSITÄT IN SCHWEISSRAUPE	Kontaminiert Elektrode Stange	Machen sicher, dass Elektroden sind sauber Und trocknen vor verwenden.
	Kontaminierte Basis Metall	sauber Base Metall Herstellung sicher zu entfernen irgendein Öl , Trümmer , Beschichtungen , oder Feuchtigkeit.
SCHWIERIGKEIT STARTEN BOGEN	Unvollständiger Schaltkreis	Boden prüfen Verbindung. Machen sicher, dass der Boden Ist auf einem frisch gereinigt Oberfläche und in der Nähe der Schweißnaht Bereich. Es Ist vorgeschlagen , Schweißen In Richtung der Boden Verbindung
	Stromstärke auch Niedrig	Basierend auf der Material Schweißen & Größe/Material von t er Elektrode , wählen Sie eine geeignete Stromstärke für durchführen die gewünschte schweißen.
	Kontaminiert Base Metall	sauber Base Metall von jedem Öl , Trümmer , Beschichtungen , oder Feuchtigkeit. Wenn Basis Metall ist kalt gerollt Stahl machen sicher zu entfernen jede Mühle Skala.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode , pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated Base Metal	clean base metal of any oil , debris , coatings , or moisture.

WIRING DIAGRAM



Hersteller: Zhejiang Xingyi Venti lator Elektrogerät Firma, GmbH.
Adresse: Danya Industriell Park, Stadt Zeguo, WENLING Zhejiang 317523

Nach AUS importiert: SIHAO PTY GMBH. 1 ROKEVA STREETEASTWOOD NSW 2122 Australien

UK	**REP**

YH-BERATUNG LIMITED. C/OYH Consulting Beschränkt Büro 147, Zenturio Haus , London Straße, Staines-upon- Thames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu GmbH
Mainzer Landstr.69,
60329 Frankfurt am Hauptsächlich.

VEVOR

Affordable. Reliable. Home Improvement.

TAGLIO AL PLASMA MACCHINA

MODELLO : TAGLIO -50

VEVOR
Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

Modello : CUT -50

Nota: Il prodotto immagine è per riferimento, il attuale i dettagli devono prevalere

Questo è l'originale istruzione, Per favore leggi tutto manuale istruzioni attentamente prima
operativo. VEVOR si riserva una chiara interpretazione del nostro utente manuale. IL apparire-
anza del il prodotto deve essere soggetto al prodotto che ricevi d. Per favore perdonami noi
che non lo faremo informarti nuovamente se ci sono tecnologie o software aggiornamenti SU Nostro prodotto.

	Attenzione - A ridurre IL rischio Di infortunio, utente dovere Leggere istruzioni manuale accuratamente .
	Questo prodotto È soggetto A IL disposizione Di europeo Direttiva 2012/ 19/ UE . IL simbolo che mostra un'impennata bidone attraversato Attraverso indica che IL il prodotto richiede separato rifiutare collezione In IL europeo Unione . Questo si applica A IL prodotto e tutti accessori segnato con questo simbolo. Prodotti contrassegnati come tale Maggio non essere scartato con normale rifiuti domestici , ma deve Essere preso a una collezione punto per riciclaggio elettrico E elettronica dispositivi .
	Conformità È UN sicurezza CE certificazione.

Il CUT-50 fornisce un potente ed efficiente metodo per l'aria taglio al plasma di carbonio acciaio, acciaio inossidabile e altri conduttivi metalli. Utilizzo avanzato tecnologia inverter, consegna preciso, pulito

tagli su materiali sia sottili che spessi con mi nimal scorie. Quando dotato di IL opzionale aria compressore (non incluso) e filtrazione dell'aria adeguata , il CUT-50 assicura un'aria liscia, ad alta velocità taglio perfor-
mance per applicazioni industriali e di officina.

SPECIFICHE

output current Range:	Input current	Input voltage	Rated Duty cycle	**Maximum Cutting Thickness**	**Air pressure**
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

CICLO DI LAVORO

IL il ciclo di lavoro nominale si riferisce alla quantità di saldatura che Potere Essere fatto entro UN quantità del tempo.Il TAGLIO-50 ha un ciclo di lavoro del 60% a 50 A. It È più facile A Aspetto A la tua saldatura tempo In blocchi di 10

minuti e ciclo di lavoro essere un percentuale di quello 10 minuti. saldatura a 50A con UN 60% ciclo di lavoro , entro un 10 minuto blocco di tempo in cui puoi saldare per 6 minuti con 4 minuti di raffreddamento per il

saldatrice. Se il ciclo di lavoro viene superato, la saldatrice si spegnerà automaticamente chiuso spento, Tuttavia IL il fan lo farà

continuare a funzionare per raffreddare i componenti surriscaldati. Quando un sicuro temperatura ha stato raggiunto, la saldatrice riaccenderà automaticamente l' uscita della saldatrice. Per aumentare il dovere ciclo Voi Potere giro

ridurre l'amperaggio di uscita controllare.

LEGGI E COMPRENDERE TUTTE LE ISTRUZIONI E PRECAUZIONI PRIMA PROCEDENDO.
Questa unità emette un potente alta tensione ed estrema calore che Potere causa acuto bruciatori, smembramento, shock elettrico e morte. VEVOR deve non essere tenuto responsabile delle conseguenze dovuto A deliberare O involontario uso improprio di questo prodotto.

INFORMAZIONI SULLA SICUREZZA

visualizzate le seguenti spiegazioni in questo manuale, sul etichettatura e SU Tutto altro informazioni fornito
con questo prodotto:

⚠ DANGER

PERICOLO indica un situazione pericolosa che, se non evitato, avrà come risultato In morte o serio infortunio.

⚠ WARNING

AVVERTIMENTO indica un situazione pericolosa che, se non evitato, potrebbe risultato nella morte o serio infortunio.

⚠ CAUTION

ATTENZIONE utilizzato con il simbolo di allerta sicurezza t, indica un pericoloso situazione che, Se non evitato, Potevo risultato

⚠ NOTICE

AVVISO È usato per affrontare pratiche non correlato a personale infortunio.

⚠ LEGGERE LE ISTRUZIONI

Completamente leggere e comprendere questo manuale prima dell'uso IL saldatore.
Salva per il futuro riferimento.

⚠ DANGER ELETTRICO SCIOCCAMENTO POTERE UCCISIONE !

- L'uso improprio di una saldatrice elettrica può causare scosse elettriche, lesioni e morte! Leggi tutto precauzioni descritte nel Manuale del Saldatore per ridurre la
- possibilità di scosse elettriche. Scollegare la saldatrice dall'alimentazione prima del montaggio, dello smontaggio o della manutenzione. la torcia, la punta di contatto e
- durante l'installazione o la rimozione degli ugelli.
  Indossare sempre indumenti protettivi asciutti, guanti da saldatura in pelle e calzature isolanti.
- Utilizzare indumenti adatti, realizzati in materiale resistente e ignifugo, per proteggere la pelle.
  Se altre persone o animali domestici si trovano nell'area di saldatura, utilizzare schermi di
- saldatura per proteggere gli astanti- dalle scintille.
  Utilizzare sempre la saldatrice in un'area pulita, asciutta e ben ventilata. Non utilizzare la
- saldatrice in zone umide, bagnate, piovose o scarsamente ventilate .
  L'elettrodo e i circuiti di lavoro (o di terra) sono elettricamente "caldi" quando la saldatrice
- è accesa. Non permettere che queste parti "calde" entrino in contatto con la pelle nuda o con gli indumenti bagnati.
- Separati dal circuito di saldatura utilizzando tappetini isolanti per evitare il contatto da la superficie di lavoro.
- Assicurarsi che il pezzo in lavorazione sia adeguatamente supportato e rettificato prima di iniziare un operazione di saldatura elettrica .
  Fissare sempre il morsetto di terra al pezzo da saldare e il più vicino possibile alla zona di saldatura il più possibile. Ciò fornirà la minima resistenza e la migliore saldatura.

⚠ DANGER SALDATURA SCINTILLE POTERE CAUSA FUOCO O ESPLOSIONE !

- La saldatura elettrica produce scintille che possono essere scaricate a distanze considerevoli ad alta velocità che accende vapori e materiali infiammabili o esplosivi.
- Non utilizzare la saldatrice ad arco elettrico in aree in cui sono presenti vapori infiammabili o
- esplosivi. Non utilizzare vicino a superfici combustibili. Rimuovere tutti gli oggetti infiammabili entro 35 piedi di distanza. IL
- zona di saldatura.
- Tenete sempre un estintore a portata di mano mentre guidate.
  Utilizzare coperte di saldatura per proteggere le superfici verniciate e/o infiammabili ;
- guarnizioni in gomma- cruscotti, motori , ecc.
  Assicurarsi che l'alimentatore sia dotato di cavi elettrici adeguatamente dimensionati per gestire il consumo energetico.

⚠ WARNING I CAMPI ELETTROMAGNETICI POSSONO ESSERE UN PERICOLO PER LA SALUTE!

- Il campo elettromagnetico generato durante la saldatura ad arco può interferire con vari dispositivi elettrici ed elettronici come i pacemaker cardiaci. Chiunque utilizzi tali dispositivi dovrebbero consultare il proprio medico prima di eseguire qualsiasi operazione di
- saldatura elettrica.
  L'esposizione ai campi elettromagnetici durante la saldatura può avere altri effetti sulla salute che sono non sconosciuto.

⚠ WARNING ARCO RAGGI POTERE BRUCIARE !

- Arco raggi produrre intenso viola radiazioni che possono ustionare la pelle esposta E causa danni agli occhi. Utilizzare uno scudo con il filtro appropriato (a minimo di #11)a proteggi i tuoi occhi

  dalle scintille e dai raggi dell'arco durante la saldatura o durante l' osservazione aprire
- saldatura ad arco (vedere ANS!Z49.1 e Z87.1 per gli standard di sicurezza).
- Utilizzare indumenti adatti realizzati in materiale resistente alle fiamme materiale per proteggi la tua pelle.Se

  altre persone o animali domestici sono dentro IL zona di saldatura, utilizzare la saldatura schermi a proteggere passante- dalle scintille e arco raggi.

⚠ WARNING FUMI E I GAS DI SALDATURA POSSONO ESSERE PERICOLOSI PER LA SALUTE!

- Fumi e gas rilasciati durante la saldatura sono pericoloso. Fare non respirare fumi Quello sono prodotti dall'operazione di saldatura .
- Indossare un respiratore approvato dall'OSHA durante la saldatura. Lavorare sempre in un
- adeguatamente ventilato zona. Mai saldato rivestito materiali compreso Ma non limitato a: cadmio placcato, zincato,
  basato sul piombo vernici.

⚠ CAUTION CALDO METALLO E UTENSILI VOLERE BRUCIARE !

- Saldatura elettrica riscalda metallo e utensili a temperature che causeranno gravi ustioni!
- Utilizzo protettivo, Calore guanti e indumenti resistenti durante l'uso Eastwood o qualsiasi altro altro

  attrezzatura per saldatura. Non toccare mai la superficie di lavoro saldata, la punta della torcia o l'ugello finché Essi Avere completamente raffreddato.

⚠ CAUTION VOLARE METALLO PATATINE FRITTE POTERE CAUSA INFORTUNIO !

- La molatura e la levigatura espelleranno trucioli di metallo, polvere, detriti E scintille A alto velocità. Per prevenire lesioni agli occhi, indossare dispositivi di sicurezza
- approvati occhiali.
- Durante la molatura o la carteggiatura, indossare un respiratore approvato dall'OSHA . Leggi tutto manuali incluso con arinders specifici, sanders o altri utensili elettrici utilizzato prima e dopo la saldatura processo. Prestare attenzione a tutte le avvertenze di sicurezza relative agli utensili elettrici.

ARTICOLI OBBLIGATORI

Prima di te inizio utilizzando il TAGLIO-50 , assicurati di avere quanto segue:

- **UN correttamente messo a terra 1Fase Circuito 110/220V 50A interruttore.**

NOTA: Unità dovere essere messo a terra per lavorare correttamente e in sicurezza!

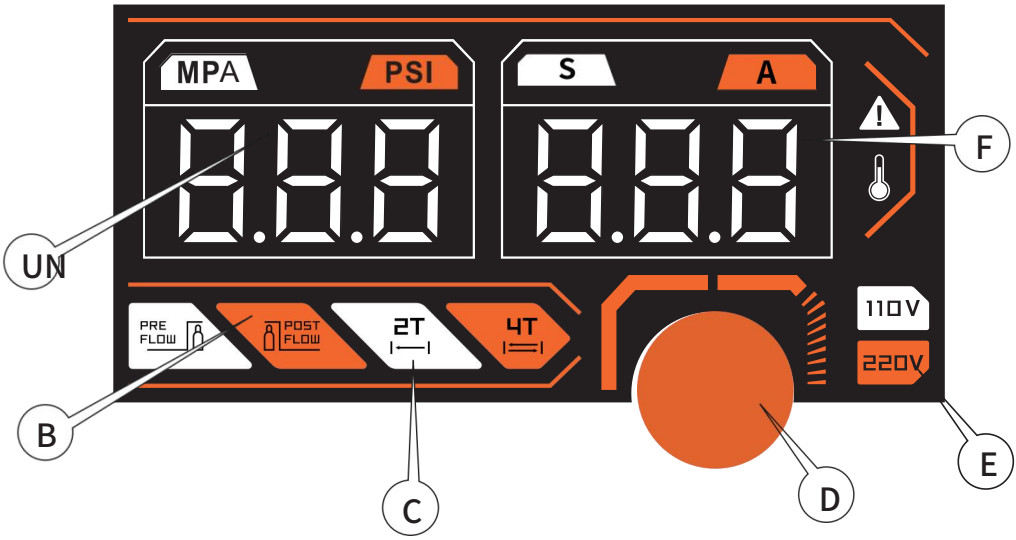
· Un ambiente pulito, sicuro, ben illuminato e asciutto e ben ventilato lavoro una rea.
· UN non infiammabile, camicia a maniche lunghe o giacca da SALDATURA
· Pesante Saldatura di servizio Guanti
· Saldatura auto-oscurante Casco a fornire l'occhio protezione durante la saldatura operazioni. Nota: Dovere Essere un#11 lente O più scuro.
· Saldatura dedicata del filo in acciaio inossidabile spazzole per ciascuno materiale A Essere saldato.

CONTENUTO

Rimuovere Tutto articoli dal scatola. Confronta con lista sotto a assicurarsi unità È completare.

1.TAGLIO-50
2,2 metri 16mm² Morsetto di terra 300A 1 set ×1
3.Aria pressione regolatore ×1
4. Torcia da taglio al plasma AG-60 ×1
5.Trasparente aria tubo flessibile 2m ×1
6. Nastro in PTFE (nastro da idraulico) ×1
7. Fascette stringitubo ×4
8. Adattatore di alimentazione Cavo (doppio) Alimentazione elettrica macchina×1

CONTROLLARE E PANNELLO DISPLAY



A:Aria Pressione Display B: Pre -flusso / Post-flusso

C: 2T / 4T D: Codificatore Manopola

E: Tensione di ingresso Schermo F: Attuale (UN) Display

Fare clic su pulsante per selezionare la funzione da
Essere costante SU Sullo schermo allarme tale
come termico protezione

saldatura Modalità	corrente (A)
	110/220V-1
TAGLIO	20-50

Il LED di protezione termica si illumina quando l'unità ha raggiunto il massimo componente interno temper-.ature.Ciò si verifica quando il ciclo di lavoro è stato superato.
La saldatrice si spegnerà automaticamente, tuttavia la ventola continuerà a funzionare per raffreddare la parte surriscaldata.
componenti. Una volta raggiunta una temperatura di sicurezza, il circuito di protezione commuta automaticamente riattivare l'uscita della saldatrice .

UN: Plasma Torcia Porta B : Torcia Grilletto PRESA

C: Terra MORSETTO terminale D : Energia Ingresso Cavo

E: Interruttore di alimentazione F:Gas In entrata

SCHEMA DI CONNESSIONE DEL TAGLIAMENTO

1.Inserire il connessione rapida messa a terra cavo nel Terminale CUT produzione SU IL macchina E allegare il terra
morsetto al pezzo in lavorazione.

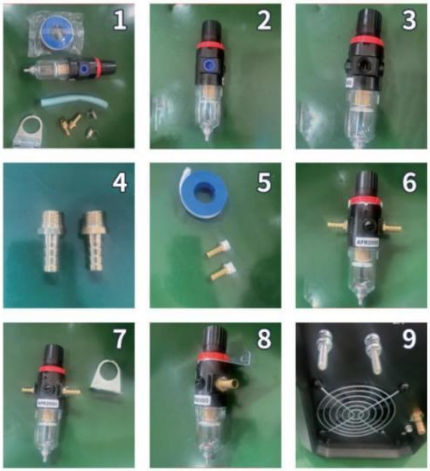
2.Collegare la torcia al della macchina presa della torcia, quindi collegare il torcia
interruttore controllare
cavo nel presa a 2 pin della macchina.

3.Collegare il posteriore pannello aria inl et a IL compresso fornitura d'aria.

4.Potenza sul macchina E premere il interruttore della torcia a entrare normale taglio
operazione.

Aria Pressione Regolatore Connessione
Diagramma. Il corretto taglio aria pres- Sicuro allineare È 95-99 PSI.

FASI DI INSTALLAZIONE PER VALVOLA REGOLATRICE DELLA PRESSIONE DELL'ARIA



1. Raccogliere Tutto pressione valvola regolatrice accessori da all'interno del macchina .

2. Individuare il aria pressione regolatore valvola.

3.Rimuovere il spina dal lasciare fuori Di IL pressione valvola regolatrice .

4. Trova il aria connettore.

5. Avvolgere il aria connettore con h PTFE nastro (nastro sigillante per filettature).

6.Avvitare il aria connettore nel ingresso E presa porti del pressione regola- valvola tor.

7. Individuare il montaggio staffa per il pressione valvola regolatrice .

8.Attaccare il staffa alla pressione valvola regolatrice.

9. Trova la soluzione bulloni sul posteriore pannello del macchina.

10.Rimuovere i due autobloccanti noci dal bulloni.

11. Avvolgere entrambi i aria collegare o (Foto 11) e il aria connettore sul della macchina posteriore pannello (Foto 12) con Nastro in PTFE.

13. Installare il pressione valvola regolatrice sul posteriore pannello del lui macchina E stringere con esso noci.

14.Pagamento attenzione al ingresso E presa indicazioni del pressione regolatore valvola.

15.Collegare il aria tubo flessibile al presa del pressione valvola regolatrice E sicuro con esso UN tubo flessibile MORSETTO .

16.Attaccare il altro FINE del aria tubo al aria ingresso sul posteriore pannello Di IL macchina e sicuro con esso UN tubo flessibile MORSETTO.

18.Tirare su E ruotare la parte superiore copertina del pressione valvola regolatrice a regolare IL aria pressione.

PREPARAZIONE PER “ATTACCARE” SALDATURA

1. Collegare il cavo di alimentazione in un correttamente arrotondato, 1Fase Circuito 110/220V 50A interruttore.
2. Assicurarsi che l'elettrodo o " Stick" sia non fabbricazione contatto con il a terra pezzo in lavorazione.
3. Cambiare il Interruttore di alimentazione su “ON”.

⚠ DANGER

LA SCOSSA ELETTRICA PUÒ CAUSARE LESIONI O MORTE!

L'elettrodo e i circuiti di lavoro (o di massa) sono elettricamente "caldi" quando la saldatrice è accesa. Non lasciare che questi circuiti "caldi" parti che entrano in contatto con la pelle nuda o con gli indumenti bagnati. Indossare sempre indumenti asciutti e protettivi e pelle guanti da saldatura e calzature isolanti.

⚠ WARNING

I RAGGI AD ARCO POSSONO BRUCIARE!

I raggi dell'arco producono radiazioni ultraviolette intense che possono bruciare la pelle esposta e causare occhio danno. Utilizzo uno scudo con il filtro appropriato (almeno #11) per proteggere gli occhi dalle scintille e dai raggi dell'arco durante la saldatura o quando si osserva la saldatura ad arco aperto (vedere ANSI Z49.1 e Z87.1 per gli standard di sicurezza).

⚠ DANGER

LE SCINTILLE DI SALDATURA POSSONO CAUSARE INCENDI O ESPLOSIONI!

La saldatura elettrica produce scintille che possono essere scaricate a distanze considerevoli con innesco ad alta velocità. vapori e materiali infiammabili o esplosivi. Rimuovere tutti gli oggetti infiammabili entro 35 piedi dalla saldatura. zona di ing. Durante la saldatura, tenere sempre a portata di mano un estintore.

⚠ WARNING

FUMI E I GAS DI SALDATURA POSSONO ESSERE PERICOLOSI PER LA SALUTE!

I fumi e i gas rilasciati durante la saldatura sono pericolosi. Non inalare i fumi prodotti. di l'operazione di saldatura. Indossare un respiratore approvato OSHA durante la saldatura. Lavorare sempre in un luogo adeguatamente ventilato ciascuno.

⚠ CAUTION

METALLO CALDO E GLI ATTREZZI BRUCERANNO!

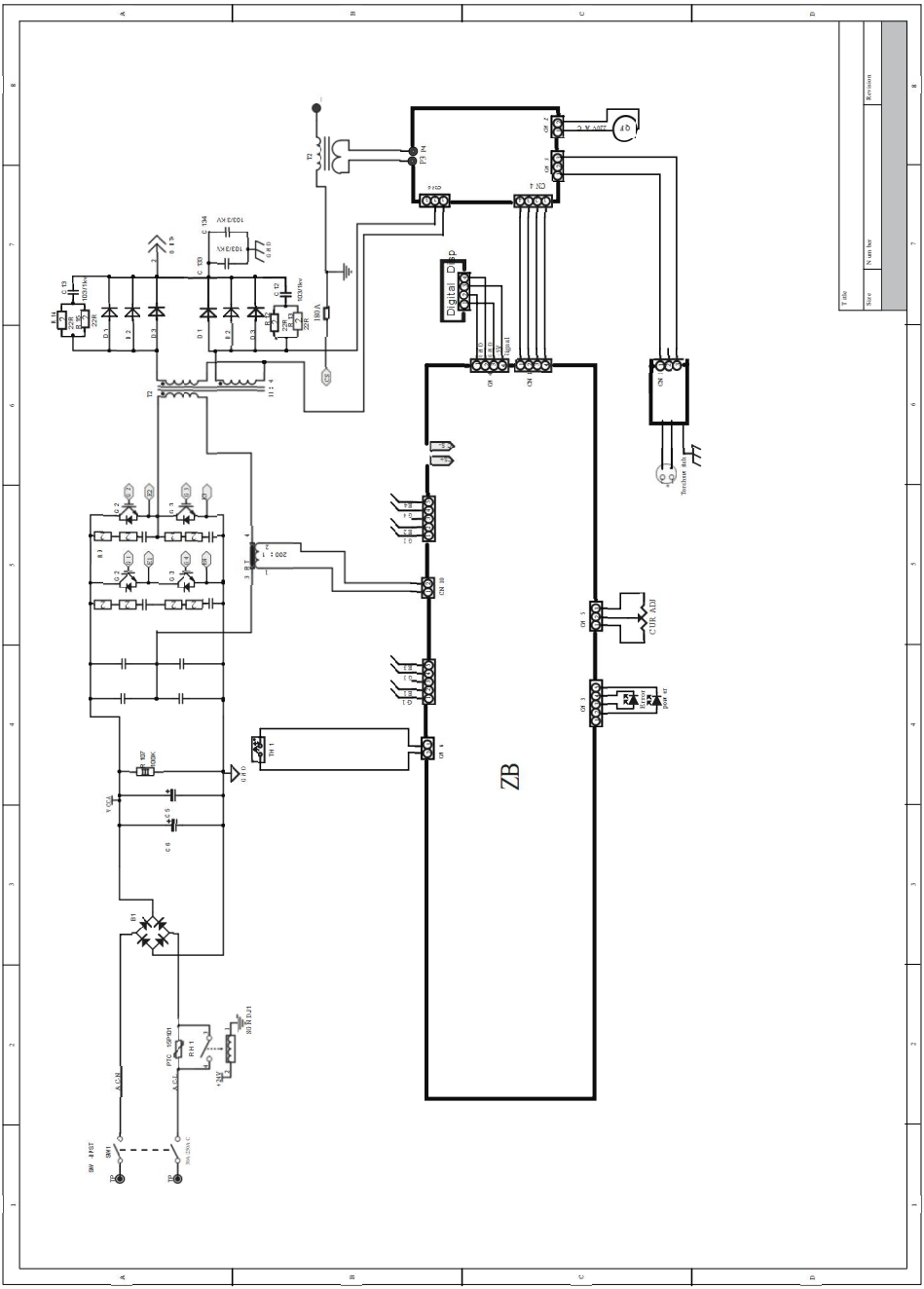
La saldatura elettrica riscalda il metallo e gli utensili a temperature che possono causare gravi ustioni! Utilizzare protezioni termiche. guanti e indumenti resistenti.

1. Mentre indossi un funziona correttamente Auto Saldatura oscurante Casco, trascinare leggermente la punta del saldatore Ruotare lungo la superficie del pezzo in lavorazione per avviare un arco.
2. Alimentare la saldatura Asta nel giunto del pezzo in lavorazione a Angolo di 15° .
3. Sollevare asta dal pezzo in lavorazione quando il cordone di saldatura è completato.
4. Spegnere l'interruttore di alimentazione della saldatrice.
5. Impostare il Elettrodo o "Stick" Supporto su un supporto sicuro, non infiammabile, superficie

RISOLUZIONE DEI PROBLEMI

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
IL MATERIALE È DEFORMAZIONE	Serraggio	fissare saldamente il pezzo da lavorare e saldare Mentre clA Sono In posto.
	insufficiente Saldature	Aggiungere più saldature a punti Fino a rigidità e rigidità È sviluppato
	a punti insufficienti	A ridurre Calore Esso È meglio a diffondere la saldatura in giro per il zona. Questo può essere fatto da usando cucire saldatura tecniche, alternando
	Pure Tanto Calore In Materiale	lati, e/o prendendo il tuo tempo e permettendo i pezzi A Freddo fra passa.
POROSITÀ IN Cordone di saldatura	Contaminato Elettrodo Asta	Fare sicuro che Elettrodi sono puliti E asciugare prima utilizzo.
	Base contaminata metallo	pulito base metallo fabbricazione sicuro di rimuovere qualsiasi olio , detriti, rivestimenti, o umidità.
DIFFICOLTÀ DI PARTENZA ARCO	Circuito incompleto	controlla il terreno connessione. Fare sicuro che il terreno È su un fresco pulito superficie e vicino alla saldatura zona. Esso È suggerito di saldare verso il terra connessione
	Anche l'amperaggio Basso	Basato sul materiale saldatura e dimensioni/materiale del lui elettrodo, scegli un amperaggio appropriato a eseguire il desiderato saldare.
	Contaminato Base Metallo	pulito base metallo di qualsiasi olio, detriti, rivestimenti, o umidità. Se base metallo fa freddo arrotolato acciaio Fare sicuro di rimuovere qualsiasi mulino scala.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated Base Metal	clean base metal of any oil, debris, coatings, or moisture.

WIRING DIAGRAM



Produttore: ventilatore Zhejiang Xingyi Apparecchio elettrico Società, Ltd.

Indirizzo: Danya Industriale Park, Città di Zeguo, WENLING Zhejiang 317523

Importato in AUS: SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD Nuovo Galles del Sud 2122 Australia

UK	**REP**

YH CONSULTING LIMITATA. C/OYH Consulting Limitato Ufficio 147, Centurione Casa , Londra Strada, Staines-upon- Thames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu GmbH
Magonza Via del paese 69,
60329 Francoforte sul Meno Principale.

VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

MODEL:CUT-50

VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

Model: CUT-50

Note: The product picture is for reference,the actual details shall prevail

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	This product is subject to the provision of european Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to acollection point for recycling electrical and electronic devices.
	Compliance is a EC security certification.

The CUT-50 provides a powerful and efficient method for air plasma cutting of carbon steel, stainless steel, and other conductive metals. Utilizing advanced inverter technology, it delivers precise, clean cuts on both thin and thick materials with minimal slag. When equipped with the optional air compressor (not included) and proper air filtration, the CUT-50 ensures smooth, high-speed cutting performance for industrial and workshop applications.

SPECIFICATIONS

output current Range:	Input current	Input voltage	Rated Duty cycle	Maximum Cutting Thickness	Air pressure
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

DUTY CYCLE

The rated duty cycle refers to the amount of welding that can be done within an amount of time.The CUT-50 has a duty cycle of 60% at 50A. It is easiest to look at your welding time in blocks of10 minutes and the duty cycle being a percentage of that 10 minutes. If welding at 50A with a 60% duty cy-cle, within a 10 minute block of time you can weld for 6 minutes with 4 minutes of cooling for the welder. If theduty cvcle is exceeded, the welder will automatically shut off, however the fan will continue running to cool theoverheated components. When a safe temperature has been reached, the welder will automatically switch thewelder output back on. To increase the duty cycle you can turn down the amperage output control.

READ AND UNDERSTAND ALL INSTRUCTIONS AND PRECAUTIONS BEFORE PROCEEDING.
This unit emits a powerful high voltage and extreme heat which can cause severe bumns, dismembermentelectrical shock and death. VEVOR shall not be held liable for consequences due to deliberate or uninten-tional misuse of this product.

SAFETYINFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided
with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.

⚠ READ INSTRUCTIONS

Thorouahly read and understand this manual before using the welder. Save for future reference.

⚠ DANGER ELECTRIC SHOCK CAN KILL!

- Improper use of an electric welder can cause electric shock, injury and death! Read all precau-tions described in the Welder Manual to reduce the possibility of electric shock.
- Disconnect welder from power supply before assembly, disassembly or maintenance of thetorch, contact tip and when installing or removing nozzles.
- Always wear dry, protective clothing and leather welding gloves and insulated footwear. Usesuitable clothing made from durableflame-resistant material to protect your skin.
- If other persons or pets are in the area of welding, use welding screens to protect bystanders-from sparks.
- Always operate the welder in a clean, dry, well ventilated area. Do not operate the welder in hu-mid, wet, rainy or poorly ventilatedareas.
- The electrode and work (or ground) circuits are electrically “hot" when the welder is on. Do notallow these “hot" parts to come in contact with your bare skin or wet clothing.
- Separate yourself from the welding circuit by using insulating mats to prevent contact from thework surface.
- Be sure that the work piece is properly supported and grounded prior to beginning an electricwelding operation.
- Always attach the ground clamp to the piece to be welded and as close to the weld area aspossible. This will give the least resistance and best weld.

⚠ DANGER WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

- Electric welding produces sparks which can be discharged considerable distances at high ve-locity igniting flammable or exploding vapors and materials.
- Do not operate electric arc welder in areas where flammable or explosive vapors are present.
- Do not use near combustible surfaces. Remove all flammable items within 35 feet of the weld.ing area.
- Always keep a fire extinguisher nearby while welding.
- Use welding blankets to protect painted and or flammable surfaces; rubber weather-stripping-dash boards, engines, etc.
- Ensure power supply has properly rated wiring to handle power usage.

⚠ WARNING ELECTROMAGNETIC FIELDS CAN BEA HEALTH HAZARD!

- The electromagnetic field that is generated during arc welding may interfere with various elec.trical and electronic devices such as cardiac pacemakers. Anyone using such devices shouldconsult with their physician prior to performing any electric welding operations.
- Exposure to electromagnetic fields while welding may have other health effects which are notknown.

⚠ WARNING ARC RAYS CAN BURN!

- Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eyedamage. Use a shield with the proper filter (a minimum of #11)to protect your eyes fromsparks and the rays of the arc when welding or when observing open arc welding (see ANS!Z49.1 and Z87.1 for safety standards).
- Use suitable clothing made from durable flame-resistant material to protect your skin.If
- other persons or pets are in the area of welding, use welding screens to protect bystander-sfrom sparks and arc rays.

⚠ WARNING FUMES AND WELDING GASES CAN BEA HEALTH HAZARD!

- Fumes and gasses released during welding are hazardous. Do not breathe fumes that are pro-duced by the welding operation.
- Wear an OSHA-approved respirator when welding.Always work in a properly ventilated area.
- Never weld coated materials including but not limited to: cadmium plated, galvanized, leadbased paints.

⚠ CAUTION HOT METAL AND TOOLS WILL BURN!

- Electric welding heats metal and tools to temperatures that will cause severe burns!
- Use protective, heat resistant gloves and clothing when using Eastwood or any other weldingequipment. Never touch welded work surface, torch tip or nozzle until they have completelvcooled.

⚠ CAUTION FLYING METAL CHIPS CAN CAUSE INJURY!

- Grinding and sanding will eject metal chips, dust, debris and sparks at high velocity. To pre-vent eye injury wear approved safety glasses.
- Wear an OSHA-approved respirator when grinding or sanding.
- Read all manuals included with specific arinders, sanders or other power tools used beforeand after the welding process. Be aware of all power tool safety warnings.

REQUIREDITEMS

Before you begin using the CUT-50 , make sure you have the following:

- A properly grounded 1Phase 110/220V 50A circuit breaker.

NOTE: Unit must be grounded to work properly and safely!

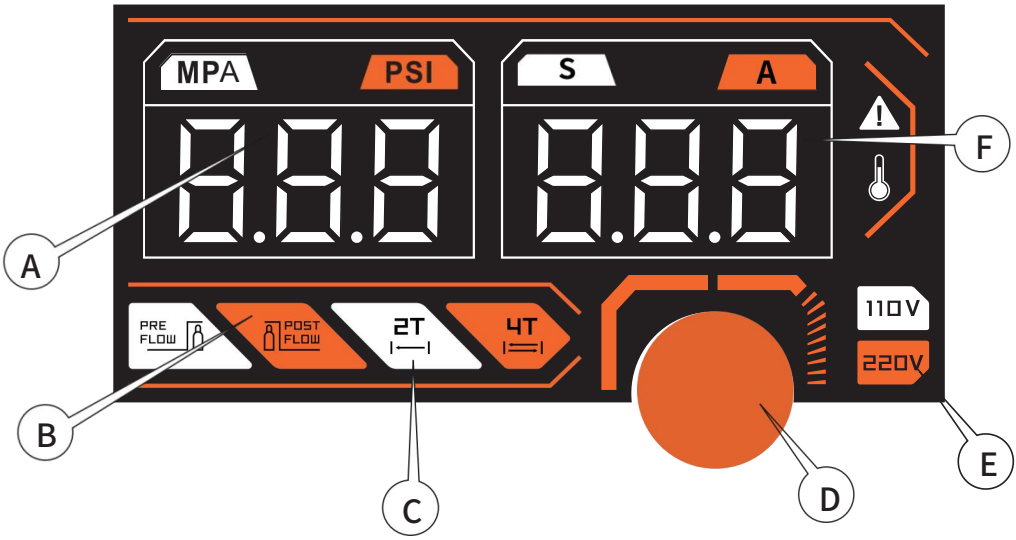
- A clean, safe, well-lit, dry and well-ventilated work area.
- A non-flammable, long sleeve shirt or WELDING Jacket
- Heavy Duty Welding Gloves
- Auto-Darkening Welding Helmet to provide eye protection during welding operations. Note: MuST be a#11 lens or darker.
- Dedicated stainless steel wire welding brushes for each material to be welded.

CONTENTS

Remove all items from the box. Compare with list below to make sure unit is complete.

1.CUT-50
2.2m 16mm² Ground clamp 300A 1 set ×1
3.Air pressure regulator ×1
4.Plasma cutting torch AG-60 ×1
5.Transparent air hose 2m ×1
6.PTFE tape (plumber's tape) ×1
7.Hose clamps ×4
8.Power Adapter Cord(Dual power supply machine×1

CONTROL AND DISPLAY PANEL



A:Air Pressure Display B:Pre-flow / Post-flow

C: 2T / 4T D: Encoder Knob

E: Input Voltage Display F: Current (A) Display

Click the button to select the function to be steady on
In-screen alarm such as thermal protection

welding Mode	current(A)
	110/220V-1
CUT	20-50

Thermal protection LED iluminates when the unit has reached the maximum internal component temper-.ature.This occurs when the duty cycle has been exceeded.
The Welder will automatically shut off however the fan will continue running to cool the overheated com.ponents. When a safe temperature has been reached, the protective circuit will automatically switch thewelder output back on.

A: Plasma Torch Port B: Torch Trigger Socket

C: Ground Clamp Terminal D: Power Input Cable

E: Power Switch F:Gas Inlet

CUT CONNECTION DIAGRAM

1.Insert the quick-connect grounding cable into the CUT terminal output on the machine and attach the ground clamp to the workpiece.

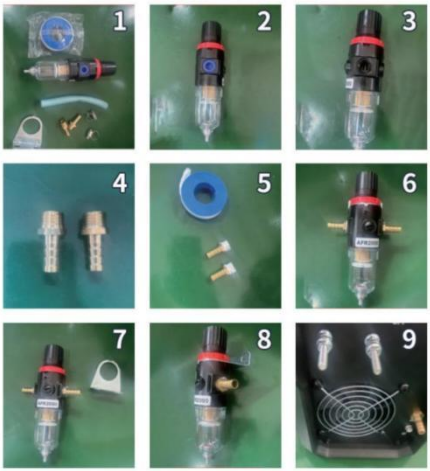
2.Connect the torch to the machine's torch socket, then plug the torch switch control cable into the machine's 2-pin socket.

3.Connect the rear panel air inlet to the compressed air supply.

4.Power on the machine and press the torch switch to enter normal cutting operation.

Air Pressure Regulator Connection Diagram. The proper cutting air pressure range is 95-99PSI.

INSTALLATION STEPS FOR AIR PRESSURE REGULATOR VALVE:



1.Gather all pressure regulator valve accessories from inside the machine.

2.Locate the air pressure regulator valve.

3.Remove the plug from the outlet of the pressure regulator valve.

4.Find the air connector.

5.Wrap the air connector with PTFE tape (thread seal tape).

6.Screw the air connector into the inlet and outlet ports of the pressure regulator valve.

7.Locate the mounting bracket for the pressure regulator valve.

8.Attach the bracket to the pressure regulator valve.

9.Find the fixing bolts on the rear panel of the machine.

10.Remove the two self-locking nuts from the bolts.

11.Wrap both the air connector (Pic 11) and the air connector on the machine's rear panel (Pic 12) with PTFE tape.

13.Install the pressure regulator valve onto the rear panel of the machine and tighten it with nuts.

14.Pay attention to the inlet and outlet directions of the pressure regulator valve.

15.Connect the air hose to the outlet of the pressure regulator valve and secure it with a hose clamp.

16.Attach the other end of the air hose to the air inlet on the rear panel of the machine and secure it with a hose clamp.

18.Pull up and rotate the top cover of the pressure regulator valve to adjust the air pressure.

PREPARING TO“STICK” WELDING

1. Plug the power cord into a properly grounded, 1Phase 110/220V 50Acircuit breaker.
2. Make sure the electrode or “Stick" is not making contact with the grounded workpiece.
3.Switch the Power Switch to “ON”.

⚠ DANGER

ELECTRIC SHOCK CAN CAUSE INJURY OR DEATH!

The electrode and work(or ground) circuits are electrically“hot”when the welder is on. Do not allowthese “hot" parts to come in contact with your bare skin or wet clothing. Always wear dry, protectiveclothing and leather welding gloves and insulated footwear.

⚠ WARNING

ARC RAYS CAN BURN!

Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eye damage. Use ashield with the proper filter (a minimum of #11) to protect your eyes from sparks and the rays ofthe arcwhen welding or when observing open arc welding (see ANSI Z49.1 and Z87.1 for safety standards).

⚠ DANGER

WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

Electric welding produces sparks which can be discharged considerable distances at high velocity ignit. ing flammable or exploding vapors and materials. Remove all flammable items within 35 feet of the weld. ing area. Always keep a fire extinguisher nearby while welding.

⚠ WARNING

FUMES AND WELDING GASES CAN BEA HEALTH HAZARD!

Fumes and gasses released during welding are hazardous. Do not breathe fumes that are produced by thewelding operation. Wear an OSHAapproved respirator when welding. Always work in a properly ventilatedarea.

⚠ CAUTION

HOT METAL AND TOOLS WILL BURN!

Electric welding heats metal and tools to temperatures that will cause severe burns! Use protective, heat resistant gloves and clothing.

1. While wearing a properly functioning Auto Darkening Welding Helmet, lightlydrag the tip of the Welding Rodalong the workpiece surface to start an arc.
2. Feed the Welding Rod into the workpiece joint at a 15° angle.
3. Lift rod from workpiece when weld bead is completed.
4. Turn off Welder power switch.
5.Set the Electrode or “Stick" Holder on a safe, non-flammable, surface

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
MATERIAL IS WARPING	Insufficient Clamping	clamp work piece tightly & weld while clA are in place.
	Insufficient Tack Welds	Add more tack welds until rigidity and stiffness is developed.
	Too Much Heat in Material	To reduce heat it is best to spread the welding out around the area. This can be done by using stitch welding techniques, alternating sides, and/or taking your time and allowing the pieces to cool between passes.
POROSITY IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated base metal	clean base metal making sure to remove any oil, debris, coatings, or moisture.
DIFFICULTY STARTING ARC	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection
	Amperage Too Low	Based on the material welding & size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Contaminated Base Metal	clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode, pick an appropriate amperage to perform the desired weld.
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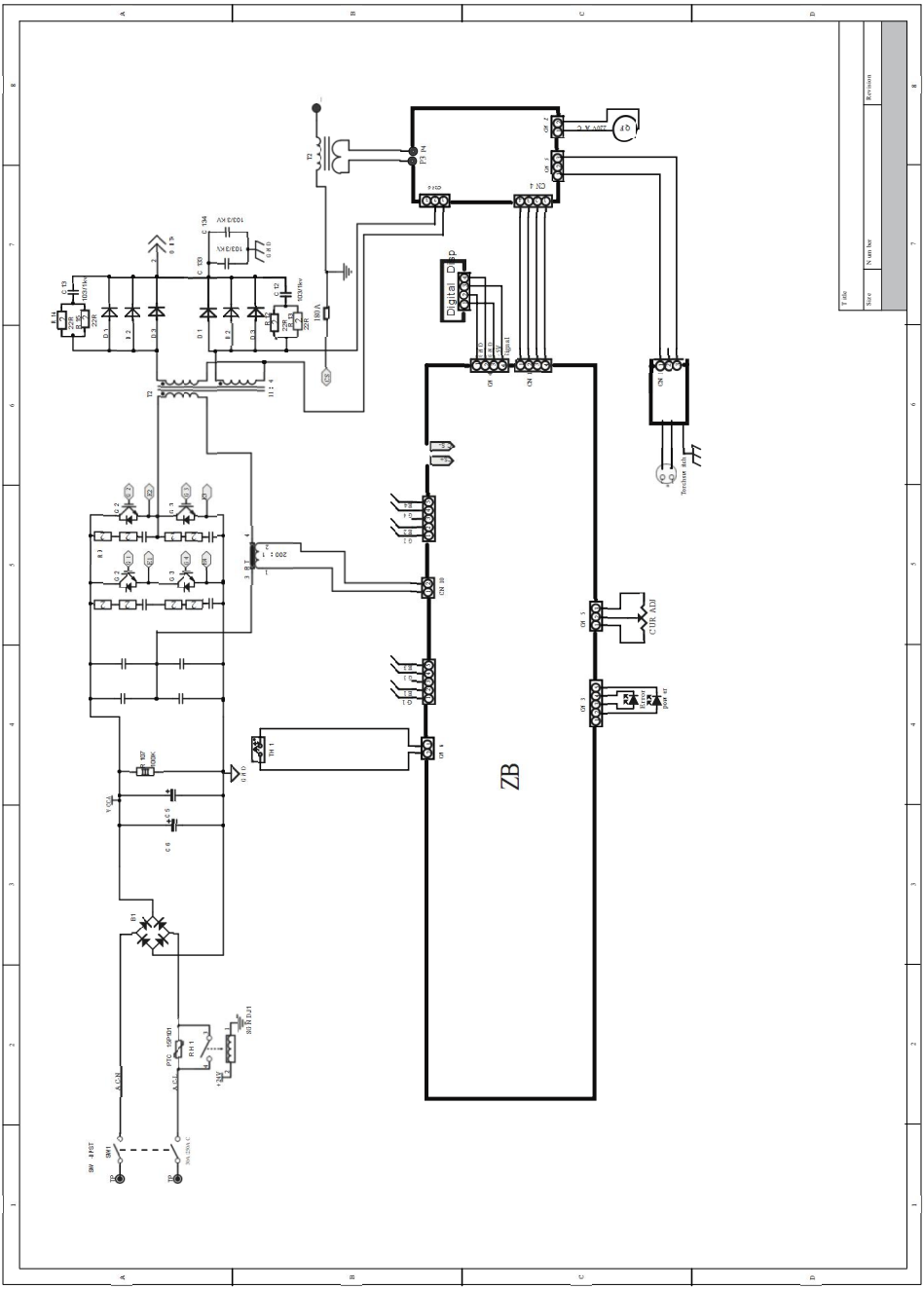
WIRING DIAGRAM



Manufacturer: Zhejiang Xingyi Ventilator Electrical Appliance Co., Ltd.
Address: Danya Industrial Park, Zeguo Town,WENLING Zhejiang 317523
Imported to AUS: SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD NSW 2122 Australia

UK	**REP**

YH CONSULTING LIMITED. C/OYH Consulting Limited Office 147, Centurion House, London Road, Staines-upon-Thames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu GmbH
Mainzer Landstr.69,
60329 Frankfurt am Main.

VEVOR

Affordable. Reliable. Home Improvement.

PRZECINARKA PLAZMOWA MASZYNA

MODEL : KROJENIE -50

VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

Model : CUT -50

Uwaga: produkt zdjęcie jest dla odniesienie, ten rzeczywisty szczegóły powinny panować

Ten jest oryginałem instrukcja, Proszę przeczytaj wszystko podręcznik dokładnie przeczytaj instrukcje przed
operacyjne. VEVOR zastrzega sobie jasną interpretację naszych użytkownik podręcznik. Ten pojawić się-
rola produkt powinien podlegać produkt, który otrzymujesz d. Proszę wybaczyć nas że nie będziemy poinformuję Cię ponownie, jeśli pojawi się jakaś technologia lub oprogramowanie aktualizacje NA nasz produkt.

	Ostrzeżenie - Do zmniejszyć ten ryzyko z obrażenia, użytkownik musieć Czytać instrukcje podręcznik ostrożnie .
	Ten produkt Jest temat Do ten zaopatrzenie z europejski Dyrektywa 2012/ 19/ UE . Ten symbol pokazujący jazda na tylnym kole bi n skrzyżowane Poprzez wskazuje, że ten produkt wymaga osobnego odmawiać kolekcja W ten europejski Związek . Ten dotyczy Do ten produkt razem z akcesoria wyraźny z tym symbolem. Produkty oznaczone jako taki móc nie być wyrzucony z normalna odpady domowe , ale musi Być zajęty do kolekcji punkt dla recykling elektryczny I elektroniczny urządzenia.
	Zgodność Jest A Bezpieczeństwo WE orzecznictwo.

CUT-50 zapewnia potężny i wydajny metoda dla powietrza cięcie plazmowe węgla stal, stal nierdzewna i inne materiały przewodzące metale. Wykorzystanie zaawansowanych technologia inwerterowa, to dostarcza precyzyjny, czysty

tnie zarówno cienkie, jak i grube materiały moje zwierzę żużel. Gdy wyposażony w ten fakultatywny powietrze kompresor (nie (w zestawie) i odpowiednia filtracja powietrza , CUT-50 zapewnia płynną, duża prędkość cięcie wykon-
mance do zastosowań przemysłowych i warsztatowych.

SPECYFIKACJE

output current Range:	Input current	Input voltage	Rated Duty cycle	**Maximum Cutting Thickness**	**Air pressure**
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

CYKL PRACY

Ten znamionowy cykl pracy odnosi się do ilości spawania, która Móc Być zrobione w ciągu jakiś kwota czasu. CUT-50 ma współczynnik wypełnienia 60% przy 50A. It Jest najłatwiejszy Do Patrzeć Na twoje my lding czas W bloki z 10
minut i cyklu pracy bycie procent tego 10 protokół. spawanie w 50A z A 60% cykl pracy w ciągu 10 chwila blok czasu, w którym możesz spawać przez 6 minuty z 4 minut chłodzenia dla
spawarka. Jeśli przekroczony zostanie limit obciążenia, spawarka automatycznie zamknąć wyłączony, Jednakże ten fan będzie
Kontynuuj pracę, aby schłodzić przegrzane podzespoły. Gdy bezpieczna temperatura ma został osiągnięty, spawarka automatycznie włączy ponownie wyjście spawarki. zwiększyć obowiązek cykl Ty Móc zakręt
zmniejszyć natężenie prądu wyjściowego kontrola.

CZYTAJ I ZROZUMIEJ WSZYSTKIE INSTRUKCJE I ŚRODKI OSTROŻNOŚCI ZANIM POSTĘPOWANIE.

Ta jednostka emituje potężny wysokie napięcie i ekstremalne ciepło, które Móc przyczyna ciężki : silny pupy, rozczłonkowanie, porażenie prądem i śmierć. VEVOR ma nie być trzymany odpowiedzialny za konsekwencje należny Do celowy Lub nieumyślny niewłaściwego użycia tego produktu.

INFORMACJE DOTYCZĄCE BEZPIECZEŃSTWA

Wyświetlane są następujące wyjaśnienia w tym instrukcja, na etykietowanie i NA Wszystko Inny informacja pod warunkiem, że
z tym produkt:

⚠ DANGER

NIEBEZPIECZEŃSTWO wskazuje na niebezpieczna sytuacja, która jeśli nie zostanie to uniknięte, doprowadzi to do W śmierć lub poważne obrażenia.

⚠ WARNING

OSTRZEŻENIE wskazuje na niebezpieczna sytuacja, która jeśli nie zostanie to uniknięte, może wynik w śmierci lub poważne obrażenia.

⚠ CAUTION

UWAGA używany z symbolem ostrzegawczym, wskazuje na niebezpieczny sytuacja, która, Jeśli nie unikano, mógł wynik

⚠ NOTICE

OGŁOSZENIE Jest używany do adresowania praktyki nie związany z osobisty obrażenia.

⚠ PRZECZYTAJ INSTRUKCJĘ

Dokładnie przeczytaj i zrozum to instrukcję przed użyciem ten spawacz. Ratować na przyszłość odniesienie.

⚠ DANGER ELEKTRYCZNY ZASZOKOWAĆ MÓC ZABIĆ !

- Niewłaściwe użycie spawarki elektrycznej może spowodować porażenie prądem, obrażenia ciała i śmierć! Przeczytaj całość środki ostrożności opisane w Podręczniku
- spawacza, aby zmniejszyć ryzyko porażenia prądem elektrycznym. Przed montażem, demontażem lub konserwacją spawarki należy ją odłączyć od zasilania. palnika,
- końcówki stykowej oraz podczas montażu i demontażu dysz.
  Zawsze należy nosić suchą, ochronną odzież, skórzane rękawice spawalnicze i izolowane
- obuwie.
  Aby chronić skórę, należy nosić odpowiednią odzież wykonaną z trwałego i ognioodpornego
- materiału .
  Jeżeli w pobliżu znajdują się inne osoby lub zwierzęta, spawając, należy stosować ekrany
- spawalnicze w celu ochrony osób postronnych. z iskier.
  Zawsze używaj spawarki w czystym, suchym i dobrze wentylowanym pomieszczeniu. Nie
- używaj spawarki w obszary wilgotne, mokre, deszczowe lub słabo wentylowane .
  Obwody elektrody i masy (lub uziemienia) są „nagrzane" elektrycznie, gdy spawarka jest
- włączona. nie dopuść, aby te „gorące" części zetknęły się z nagą skórą lub mokrym ubraniem.
- Oddziel się z obwodu spawalniczego, stosując maty izolacyjne, aby zapobiec kontaktowi powierzchnia robocza.

  Przed rozpoczęciem pracy upewnij się, że obrabiany element jest prawidłowo podparty i uziemiony. operacja spawania elektrycznego .

  Zawsze mocuj zacisk uziemiający do spawanego elementu i jak najbliżej miejsca spawania. jak to możliwe. Zapewni to najmniejszy opór i najlepsze spawanie.

⚠ DANGER SPAWALNICZY ISKRY MÓC PRZYCZYNA OGIEŃ LUB WYBUCH !

- Spawanie elektryczne wytwarza iskry, które mogą być odprowadzane na znaczną odległość przy dużej prędkości. prędkość powodująca zapłon łatwopalnych lub
- wybuchających oparów i materiałów.
- Nie należy używać spawarki łukowej w miejscach, w których występują łatwopalne lub wybuchowe opary. Nie stosować w pobliżu powierzchni palnych. Usunąć wszystkie
- łatwopalne przedmioty w odległości 35 stóp. ten
- obszar spawania.
  Podczas spawania zawsze trzymaj w pobliżu gaśnicę .
- Do ochrony malowanych i/lub łatwopalnych powierzchni należy stosować koce spawalnicze; uszczelki gumowe deski rozdzielcze, silniki , itp.

  Upewnij się, że zasilacz ma odpowiednio dobrane okablowanie, aby poradzić sobie ze zużyciem energii.

⚠ WARNING POLA ELEKTROMAGNETYCZNE MOGĄ BYĆ ZAGROŻONE DLA ZDROWIA!

- Pole elektromagnetyczne wytwarzane podczas spawania łukowego może zakłócać różne procesy. urządzenia elektryczne i elektroniczne, takie jak rozruszniki serca. Każdy, kto korzysta z takich urządzeń Przed przystąpieniem do jakichkolwiek prac spawalniczych
- należy skonsultować się z lekarzem .
  Narażenie na działanie pól elektromagnetycznych podczas spawania może mieć inne skutki zdrowotne, które są nieznany.

⚠ WARNING ŁUK PROMIENIE MÓC OPARZENIE !

- Łuk promienie wytwarzać intensywny ultrafiolet u promieniowanie, które może poparzyć odsłoniętą skórę I przyczyna uszkodzenie oczu. Użyj tarczy z właściwy filtr (a minimum #11)do chroń swoje oczy od iskier i promieni łuku podczas spawania lub obserwacji Otwarte spawanie łukowe (patrz
- ANS!Z49.1 i Z87.1 dotyczące norm bezpieczeństwa).
- Noś odpowiednią odzież wykonaną z trwałego materiału ognioodpornego materiał do chroń swoją skórę.Jeśli w pobliżu znajdują się inne osoby lub zwierzęta ten obszar spawalniczych, używać spawania ekrany do chronić widz- z iskier i łuk promienie.

⚠ WARNING OPARY A GAZY SPAWALNICZE MOGĄ BYĆ ZAGROŻONE DLA ZDROWIA!

- Opary i gazy uwalniane podczas spawania są niebezpieczny. Do nie wdychać oparów To powstają w procesie spawania.
- Podczas spawania należy nosić maskę oddechową zatwierdzoną przez OSHA. Zawsze
- pracuj w odpowiednio wentylowane obszar. Nigdy nie spawaj powłok przybory w tym Ale nie ograniczając się do: kadmu platerowane, ocynkowane, na bazie ołowiu malatura.

⚠ CAUTION GORĄCY METAL I NARZĘDZIA BĘDZIE OPARZENIE !

- Spawanie elektryczne ciepła metalu i narzędzi do temperatur, które mogą spowodować
- poważne oparzenia! Używać ochronny, ciepło podczas użytkowania należy nosić rękawice ochronne i odzież ochronną Eastwood lub jakikolwiek inny Inny sprzęt spawalniczy. Nigdy nie dotykaj spawanej powierzchni roboczej, końcówki palnika ani dyszy, dopóki: Oni Posiadać całkowicie schłodzone.

⚠ CAUTION LATAJĄCY METAL FRYTKI MÓC PRZYCZYNA OBRAŻENIA !

- Szlifowanie i piaskowanie spowoduje wyrzucenie wióry metalowe, kurz, gruz I iskry Na wysoki prędkość. Aby zapobiec urazom oczu, należy nosić zatwierdzone okulary
- ochronne okulary.
- Podczas szlifowania i obróbki należy nosić maskę oddechową zatwierdzoną przez OSHA . Przeczytaj wszystko instrukcje dołączone do konkretnych arników, sandaczy lub innych elektronarzędzia stosowany przed i po spawaniu proces. Należy zapoznać się ze wszystkimi ostrzeżeniami dotyczącymi bezpieczeństwa użytkowania elektronarzędzi.

WYMAGANE ELEMENTY

Zanim ty zaczynać używając CUT-50 , upewnij się, że mieć następujące:

- A prawidłowo uziemiony 1 faza Obwód 110/220 V 50 A przerywacz.

NOTATKA: Jednostka musieć być uziemionym do pracy odpowiednio i bezpiecznie!

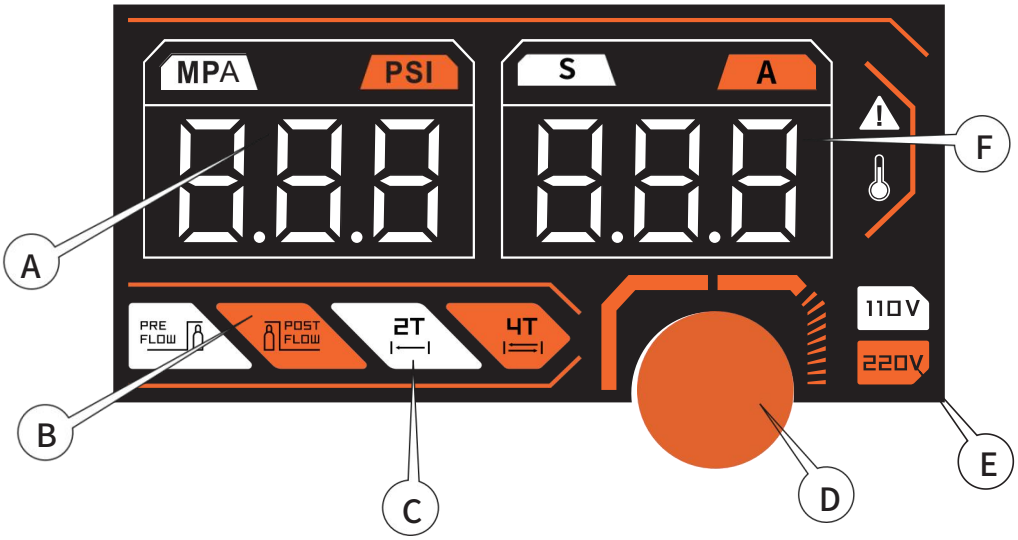
- Czyste, bezpieczne, dobrze oświetlone, suche i dobrze wentylowane praca obszar .
- A niepalny, koszula z długim rękawem lub kurtka SPAWALNICZA
- Ciężki Spawanie robocze Rękawice
- Spawanie samościemniające Kask do zapewnić oko ochrona podczas spawania operacje. Notatka: Musieć Być a#11 obiektyw Lub ciemniejszy.
- Spawanie drutem ze stali nierdzewnej pędzle dla każdego tworzywo Do Być spawane.

ZAWARTOŚĆ

Usunąć Wszystko przedmioty z skrzynka. Porównaj z lista poniżej do upewniać się jednostka Jest kompletny.

1.CUT-50
2,2 m 16 mm^2 Zacisk uziemiający 300A 1 zestaw ×1
3.Powietrze ciśnienie regulator ×1
4.Palnik do cięcia plazmowego AG-60 ×1
5.Przezroczysty powietrze wąż 2m ×1
6. Taśma PTFE (taśma hydrauliczna) ×1
7.Zaciski wężowe ×4
8. Zasilacz Przewód (podwójny) zasilacz maszyna×1

KONTROLA I PANEL WYŚWIETLACZA



A:Powietrze Ciśnienie Wyświetlacz B: Przepływ wstępny / Przepływ po przepływie

C: 2T / 4T D: Koder Pokrętło

MI: Napięcie wejściowe Wyświetlacz F: Aktualny (A) Wyświetlacz

Kliknij przycisk, aby wybrać funkcję Być stały NA Na ekranie alarm taki jako termiczny ochrona

spawalniczy Tryb	prąd (A)
	110/220V-1
CIĘCIE	20-50

Dioda LED zabezpieczenia termicznego zapala się, gdy urządzenie osiągnie maksymalną temperaturę składnik wewnętrzny temperatura-natura. Dzieje się tak, gdy przekroczony zostanie współczynnik wypełnienia .
Spawarka wyłączy się automatycznie, ale wentylator będzie nadal pracował, aby schłodzić przegrzany element.
komponenty. Po osiągnięciu bezpiecznej temperatury obwód ochronny automatycznie się przełączy wyjście thewelder ponownie włączone.

A: Osocze Latarka Port B : Latarka Spust Gniazdo

C: Grunt Zacisk Terminal D : Moc Wejście Kabel

MI: Wyłącznik zasilania F:Gaz Wpuść

SCHEMAT POŁĄCZENIA CIĘCIA

1. Włóż szybkozłącze grunt kabel do Terminal CUT wyjście NA ten maszyna I załącz grunt zacisk do przedmiot obrabiany.

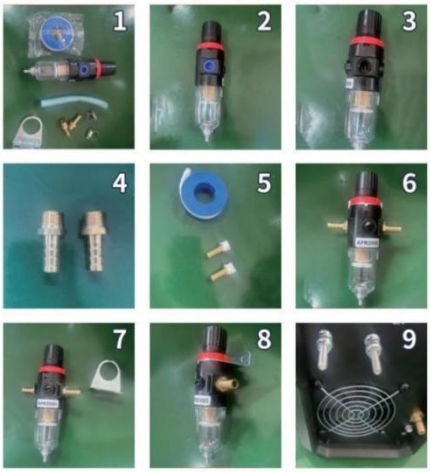
2. Podłącz latarkę do maszyny gniazdo latarki, następnie podłącz latarka przełącznik kontrola kabel do gniazdo dwubolcowe maszyny.

3. Podłącz tył płyta powietrze wł. i do ten sprężony dopływ powietrza.

4.Moc na maszyna I naciśnij przełącznik latarki do Wchodzić normalna cięcie działanie.

Powietrze Ciśnienie Regulator Połączenie Diagram. Ten właściwy cięcie powietrze pre- Jasne zakres Jest 95-99PSI.

KROKI INSTALACJI REGULATOR CIŚNIENIA POWIETRZA ZAWÓR :



1.Zbierz Wszystko ciśnienie zawór regulacyjny akcesoria z wewnątrz mac hine.

2.Zlokalizuj powietrze ciśnienie regulator zawór.

3. Usuń wtyczka z wyjść z ten ciśnienie zawór regulacyjny

4.Znajdź powietrze złącze.

5. Zawiń powietrze złącze z h PTFE taśma (taśma uszczelniająca gwinty).

6. Przykręć powietrze złącze do wlot I wylot porty z ciśnienie regul- zawór torowy.

7.Zlokalizuj montowanie uchwyt do ciśnienie zawór regulacyjny

8. Podłącz wspornik do ciśnienie zawór regulacyjny.

9.Znajdź mocowanie śruby na tył panel z maszyna.

10. Wyjmij dwa samoblokujące się orzechy z śruby.

11.Zawiń oba powietrze połączyć lub (Zdjęcie 11) i powietrze złącze na maszyny tył płyta (Zdjęcie 12) z Taśma PTFE.

13. Zainstaluj ciśnienie zawór regulacyjny na tył płyta z tego maszyna I dokręcać to z orzechy.

14.Płać uwagę na wlot I wylot wskazówki z ciśnienie regulator zawór.

15. Podłącz powietrze wąż do wylot z ciśnienie zawór regulacyjny I bezpieczny to z A wąż gumowy cl amp.

16. Dołącz Inny koniec z powietrze wąż do e powietrze wlot na tył płyta z ten maszyna i bezpieczne to z A wąż gumowy zacisk.

18. Pociągnij w górę I obróć górę okładka z ciśnienie zawór regulacyjny do regulować ten powietrze ciśnienie.

PRZYGOTOWANIE DO „PRZYLEPANIA SIĘ" SPAWALNICZY

1. Podłącz przewód zasilający do odpowiednio zaokrąglone, 1 faza Obwód 110/220 V 50 A przerywacz.
2. Upewnij się, że elektroda lub „ patyczek" jest nie zrobienie kontakt z uziemiony przedmiot obrabiany.
3.Przełącz Przełącznik zasilania należy ustawić w pozycji „ON".

⚠ DANGER

PORAŻENIE PRĄDEM ELEKTRYCZNYM MOŻE SPOWODOWAĆ OBRAŻENIA CIAŁA LUB ŚMIERĆ!

elektrody i przewodu roboczego (lub uziemienia) są „gorące" elektrycznie, gdy spawarka jest włączona. Nie dopuść do ich „gorącego" stanu. części, które mogą mieć kontakt z gołą skórą lub mokrym ubraniem. Zawsze noś suchą, ochronną odzież i skórzane
rękawice spawalnicze i obuwie ocieplane.

⚠ WARNING

PROMIENIE ŁUKU MOGĄ OPARZENIE!

Promienie łuku elektrycznego wytwarzają intensywne promieniowanie ultrafioletowe, które może poparzyć odsłoniętą skórę i spowodować oko szkoda. Używać tarcza z odpowiednim filtrem (minimum #11) aby chronić oczy przed iskrami i promieniami łuku podczas spawania lub podczas obserwacji spawania łukiem otwartym (patrz ANSI Z49.1 i Z87.1 dla norm bezpieczeństwa).

⚠ DANGER

ISKRY SPAWALNICZE MOGĄ SPOWODOWAĆ POŻAR LUB WYBUCH!

Spawanie elektryczne wytwarza iskry, które mogą być rozładowywane na znaczną odległość przy dużej prędkości zapłonu. Unikaj łatwopalnych lub wybuchających oparów i materiałów. Usuń wszystkie łatwopalne przedmioty w promieniu 35 stóp (ok. 10,7 m) od spoiny. obszar. Podczas spawania zawsze trzymaj w pobliżu gaśnicę.

⚠ WARNING

OPARY A GAZY SPAWALNICZE MOGĄ BYĆ ZAGROŻONE DLA ZDROWIA!

Opary i gazy uwalniane podczas spawania są niebezpieczne. Nie wdychać powstających oparów. przez spawania należy nosić maskę oddechową zatwierdzoną przez OSHA. Zawsze pracuj w odpowiednio wentylowanym pomieszczeniu. lub więcej.

⚠ CAUTION

GORĄCY METAL A NARZĘDZIA BĘDĄ PALONE!

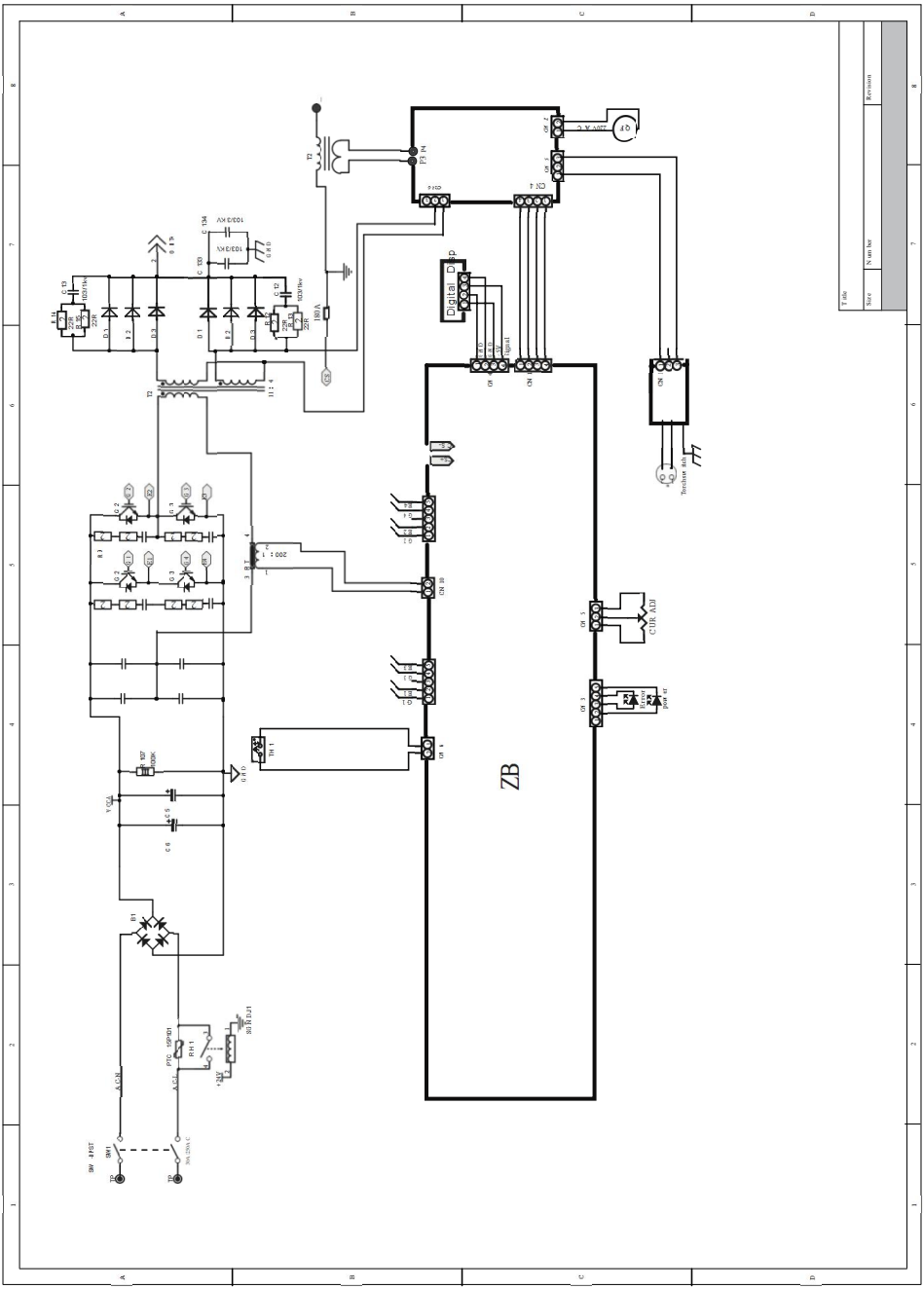
Spawanie elektryczne nagrzewa metal i narzędzia do temperatur, które mogą spowodować poważne oparzenia! Stosuj środki ochrony przed ciepłem. rękawice i odzież ochronna.

1. Podczas noszenia prawidłowo funkcjonować Automatyczny Przyciemnianie spawania Hełm, lekko przeciągnij końcówkę spawarki Przesuń pręt wzdłuż powierzchni przedmiotu obrabianego , aby rozpocząć łuk.
2. Podaj spawanie Pręt do połączenia przedmiotu obrabianego w 15° kąt le.
3. Winda pręt z przedmiotu obrabianego, gdy spoina jest zakończony.
4. Wyłącz zasilanie spawarki.
5. Ustaw Elektroda lub „Patyk" Trzymaj na bezpiecznym, niepalnym, powierzchnia

ROZWIĄZYWANIE PROBLEMÓW

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
MATERIAŁ JEST ZNIEKSZTAŁCANIE	Niewystarczające mocowanie	mocno zacisnąć obrabiany przedmiot i spawać chwila clA Czy W miejsce. Dodać więcej spoin punktowych dopóki sztywność i sztywność Jest rozwinięty .
	Niewystarczająca liczba spoin czepnych	Do zmniejszyć ciepło To Jest najlepiej do rozprzestrzenić spawanie na zewnątrz obszar. To może być zrobione przez używając ścieg spawalniczy techniki, zmienny boki , i/lub biorąc Twój czas i pozwolenie kawałki Do Fajny między podania.
	Zbyt Dużo Ciepło W Tworzywo	
POROWATOŚĆ W ŚCIEG SPAWALNICZY	Zanieczyszczony Elektroda Pręt	Robić pewien, że Elektrody są czyste I wysuszyć przed używać.
	Zanieczyszczona baza metal	czysty opierać metal zrobienie na pewno usunąć jakikolwiek olej , gruz , powłoki , lub wilgoci.
TRUDNOŚĆ STARTOWY ŁUK	Niekompletny obwód	sprawdź ziemię połączenie. Robić pewien, że ziemia Jest na świeżo wyczyszczony powierzchnia i blisko spawania obszar. To Jest zasugerowano spawać w kierunku grunt połączenie
	Zbyt duży amperaż Niski	Na podstawie na tworzywo spawalniczy & rozmiar/materiał z tego elektroda, wybierz odpowiednie natężenie prądu dokonywać pożądany spawać.
	Zanieczyszczony Opierać Metal	czysty opierać metal dowolnego oleju , gruz , powłoki , lub wilgoci. Jeśli baza metal jest zimno zwinięty stal s robić na pewno usunąć jakikolwiek młyn skala.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode , pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated Base Metal	clean base metal of any oil , debris , coatings , or moisture.

WIRING DIAGRAM



Producent: Zhejiang Xingyi Venti lator Urządzenie elektryczne Współ., Sp. z o.o.

Adres: Danya Przemysłowy Park, miasto Zeguo, WENLING Zhejiang 317523

Importowane do AUS: SIHAO PTY SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ 1 ROKEVA ULICA WSCHÓD NSW 2122 Australia

UK	**REP**

YH CONSULTING SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ. C/OYH Consulting Ograniczony Biuro 147, Centurion Dom , Londyn Road, Staines-upon-T hames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu Sp. z o.o.
Mainzer Landstr.69,
60329 Frankfurt am Główny.

VEVOR

Affordable. Reliable. Home Improvement.

PLASMASNIJDER MACHINE

MODEL : SNIJDEN -50

VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

Model : CUT -50

Let op: De product afbeelding is voor referentie,de werkelijk details zullen zegevieren

Dit is het origineel instructie, Alsjeblieft lees alles handmatig instructies zorgvuldig door voordat u
operationeel. VEVOR reserveert een duidelijke interpretatie van onze gebruiker handmatig. De verschijnen-
ance van de product zal onderworpen zijn aan de product dat u ontvangt d. Vergeef me alsjeblieft ons
dat we niet zullen informeren u opnieuw als er technologie of software updates op ons product.

	Waarschuwing - Aan verminderen de risico van blessure, gebruiker moeten lezen instructies handmatig voorzichtig .
	Dit product is onderwerp naar de voorraad van Europese Richtlijn 2012/ 19/ EU . De symbool dat aangeeft een wheelie bi n gekruist door geeft aan dat de product vereist aparte weigeren verzameling in de Europese Unie . Dit geldt naar de product en alles accessoires gemarkeerd met dit symbool. Producten gemarkeerd als zodanig kunnen niet zijn weggegooid met normaal huishoudelijk afval, maar moet zijn genomen naar een verzameling punt voor recycling elektrisch En elektronische apparaten.
	Naleving is A EC-beveiliging certificering.

De CUT-50 biedt een krachtig en efficiënt methode voor lucht plasmasnijden van koolstof staal, roestvrij staal en andere geleidende metalen. Gebruikmakend van geavanceerde invertertechnologie, het levert nauwkeurig, schoon

snijdt op zowel dunne als dikke materialen met mijn dier slakken. Wanneer uitgerust met de optioneel lucht compressor (niet inbegrepen) en goede luchtfiltratie, de CUT-50 zorgt voor een soepele, hoge snelheid snijden prestatie-
mance voor industriële en werkplaatstoepassingen .

SPECIFICATIES

output current Range:	Input current	Input voltage	Rated Duty cycle	**Maximum Cutting Thickness**	**Air pressure**
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

BEDRIJFSCYCLUS

De De nominale inschakelduur verwijst naar de hoeveelheid laswerk die kan zijn gedaan binnen een hoeveelheid van tijd.De CUT-50 heeft een duty cycle van 60% bij 50A. It is gemakkelijkste naar Look bij jouw wijding tijd in blokken van 10
minuten en de duty cycle een zijn percentage daarvan 10 notulen. If lassen bij 50A met A 60% werkcyclus , binnen een 10 minuut blok tijd dat je 6 kunt lassen minuten met 4 minuten afkoeling voor de
lasser. Als de werkcyclus wordt overschreden, zal de lasser automatisch dicht uit, Echter de ventilator zal
Blijf draaien om de oververhitte componenten af te koelen. Wanneer een veilig temperatuur heeft geweest bereikt, De lasser schakelt de lasuitgang automatisch weer in. verhoog de plicht cyclus Jij kan draai
uitgang verlagen controle.

LEES EN BEGRIJP ALLE INSTRUCTIES EN VOORZORGSMAATREGELEN VOOR VERDERGAAN.

Deze eenheid zendt een krachtig hoge spanning en extreme warmte die kan oorzaak streng konten, verminking , elektrische schok en dood. VEVOR zal niet zijn gehouden aansprakelijk voor de gevolgen vanwege naar opzettelijk of onbedoeld misbruik van dit product.

VEILIGHEIDSINFORMATIE

De volgende uitleg wordt weergegeven in dit handleiding, op de etikettering, en op alle ander informatie mits
met dit product:

⚠ DANGER

GEVAAR geeft een gevaarlijke situatie die, indien niet vermeden, zal resulteren in dood of ernstig blessure.

⚠ WARNING

WAARSCHUWING geeft een gevaarlijke situatie die, als het niet vermeden wordt, zou kunnen resultaat in de dood of ernstig blessure.

⚠ CAUTION

LET OP gebruikt met het veiligheidswaarschuwingssymbool , geeft een gevaarlijk situatie die, als niet vermeden, zou kunnen resultaat

⚠ NOTICE

KENNISGEVING is gebruikt om aan te pakken praktijken niet gerelateerd aan persoonlijk blessure.

⚠ LEES DE INSTRUCTIES

Grondig lees en begrijp dit handleiding voor gebruik de lasser. Redden voor de toekomst referentie.

⚠ DANGER ELEKTRISCH SCHOK KAN DODEN !

- Onjuist gebruik van een elektrisch lasapparaat kan een elektrische schok, letsel en de dood veroorzaken! Lees alles voorzorgsmaatregelen die in de handleiding van de
- lasser staan beschreven om de kans op een elektrische schok te verkleinen. Koppel het lasapparaat los van de stroomvoorziening voordat u het monteert, demonteert of
- onderhoudt. de toorts, contacttip en bij het installeren of verwijderen van mondstukken. Draag altijd droge, beschermende kleding, leren lashandschoenen en isolerende schoenen.
- Draag geschikte kleding van duurzaam, vlamvertragend materiaal om uw huid te beschermen.
- Als er andere personen of huisdieren in de buurt zijn van Bij het lassen, gebruik lasschermen om omstanders te beschermen- van vonken.
- Gebruik het lasapparaat altijd in een schone, droge en goed geventileerde ruimte. Gebruik het lasapparaat niet in vochtige, natte, regenachtige of slecht geventileerde ruimtes.
- De elektrode en de werk- (of aardings-) circuits zijn elektrisch "heet" wanneer de lasser aan staat. Zorg ervoor dat deze “hete” onderdelen niet in contact komen met uw blote
- huid of natte kleding.
  Scheid jezelf van het lascircuit door middel van isolatiematten om contact met de
- lasstroom te voorkomen. het werkoppervlak.
  Zorg ervoor dat het werkstuk goed ondersteund en geaard is voordat u begint met een elektrische lasbewerking.
  Bevestig de aardklem altijd aan het te lassen stuk en zo dicht mogelijk bij het lasgebied Zo mogelijk. Dit geeft de minste weerstand en de beste las.

⚠ DANGER LASSEN VONKEN KAN OORZAAK VUUR OF EXPLOSIE !

- grote afstanden bij hoge druk kunnen worden ontladen. het met hoge snelheid ontsteken van ontvlambare of exploderende dampen en materialen.
- Gebruik het elektrische booglasapparaat niet in ruimtes waar ontvlambare of explosieve
- dampen aanwezig zijn. Niet gebruiken in de buurt van brandbare oppervlakken. Verwijder alle brandbare voorwerpen binnen een straal van 10 meter. de
- lasgebied.
- Zorg dat u altijd een brandblusser bij de hand hebt terwijl u werkt.
  Gebruik lasdekens om geverfde en/of brandbare oppervlakken te beschermen ; rubberen
- tochtstrips- dashboards, motoren , enz.
  Zorg ervoor dat de voeding over de juiste bedrading beschikt, zodat deze het stroomverbruik aankan.

⚠ WARNING ELEKTROMAGNETISCHE VELDEN KUNNEN EEN GEVAAR VOOR DE GEZONDHEID VORMEN!

- Het elektromagnetische veld dat tijdens booglassen wordt gegenereerd, kan verschillende elektrische en elektronische apparaten, zoals pacemakers. Iedereen die dergelijke apparaten gebruikt moeten hun arts raadplegen voordat ze elektrische
- laswerkzaamheden uitvoeren .
  Blootstelling aan elektromagnetische velden tijdens het lassen kan andere gezondheidseffecten hebben die onbekend.

⚠ WARNING BOOG STRALEN KAN BRANDEN !

- Boog stralen produceren intens ultraviolet straling die de blootgestelde huid kan verbranden En oorzaak oogletsel. Gebruik een schild met de juiste filter (een minimaal #11)tot bescherm je ogen van vonken en de stralen van de boog tijdens het lassen of bij het observeren open booglassen (zie ANS!Z49.1 en Z87.1 voor veiligheidsnormen).
- Gebruik geschikte kleding gemaakt van duurzaam vlamvertragend materiaal. materiaal naar bescherm je huid.Als andere personen of huisdieren zijn in de gebied van lassen, gebruik lassen schermen naar beschermen omstander- van vonken en boog stralen.

⚠ WARNING DAMPEN EN LASGASSEN KUNNEN EEN GEVAAR VOOR DE GEZONDHEID ZIJN!

- Dampen en gassen die tijdens het lassen vrijkomen, zijn gevaarlijk. Doen geen dampen inademen Dat worden geproduceerd door het lassen .
- Draag een door de OSHA goedgekeurd ademhalingsmasker tijdens het lassen. Werk altijd
- in een goed geventileerd gebied. Nooit gecoat lassen materialen inbegrepen Maar niet beperkt tot: cadmium geplateerd, gegalvaniseerd, loodhoudend verven.

⚠ CAUTION HEET METAAL EN HULPMIDDELEN ZULLEN BRANDEN !

- Elektrisch lassen verwarmt metaal en gereedschap aan temperaturen die ernstige schade kunnen veroorzaken brandwonden! Gebruik beschermend, warmte beschermende handschoenen en kleding bij gebruik Eastwood of welke dan ook ander lasapparatuur. Raak het gelaste werkoppervlak, de branderpunt of het mondstuk nooit aan totdat zij hebben volledig afgekoeld.

⚠ CAUTION VLIEGEND METAAL FRIET KAN OORZAAK BLESSURE !

- Slijpen en schuren zal uitwerpen metaalsplinters, stof, puin En vonken bij hoog snelheid. Om oogletsel te voorkomen, draag goedgekeurde veiligheidsbrillen. bril.
- Draag een door OSHA goedgekeurd ademhalingsmasker tijdens het slijpen of schuren.
- Lees alles handleidingen inbegrepen bij specifieke slijpmachines, schuurmachines of andere elektrisch gereedschap gebruikt voor en na het lassen proces. Zorg dat u op de hoogte bent van alle veiligheidswaarschuwingen voor elektrisch gereedschap.

VEREISTE ITEMS

Voor je beginnen met behulp van de CUT-50 , zorg ervoor dat je hebben het volgende:

- A goed geaard 1Fase 110/220V 50A-circuit stroomonderbreker.

OPMERKING: Eenheid moeten geaard zijn om te werken op de juiste manier en veilig!

- Een schone, veilige, goed verlichte en droge plek en goed geventileerd werk gebied .
- A niet-ontvlambaar, shirt met lange mouwen of LASjas

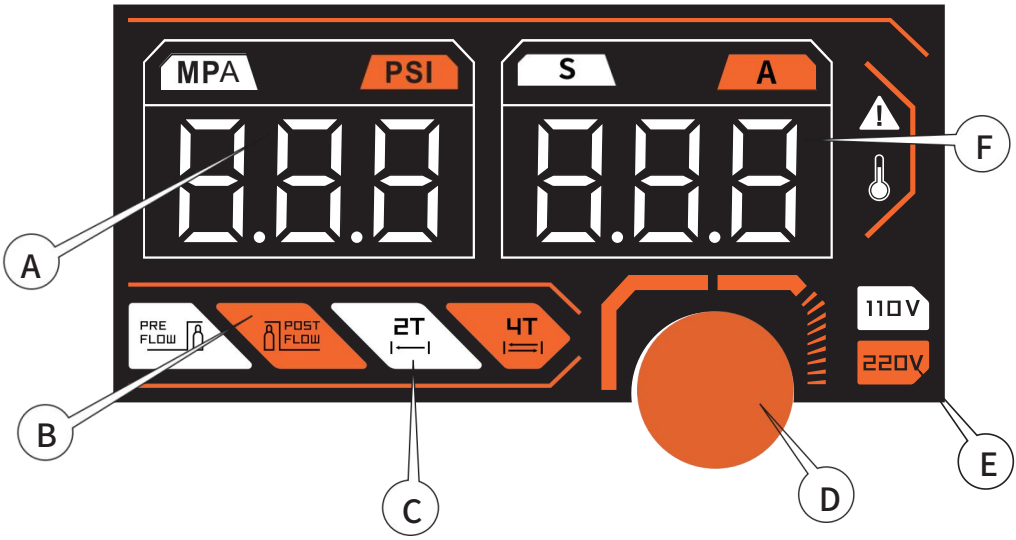
- Zwaar Lassen Handschoenen
- Automatisch donker wordend lassen Helm naar oogzorg bieden bescherming tijdens het lassen operaties. Opmerking: Moeten zijn een#11 lens of donkerder.
- Speciaal laswerk voor roestvrij staaldraad borstels voor elk materiaal naar zijn gelast.

INHOUD

Verwijderen alle items uit de doos. Vergelijk met lijst hieronder naar zorg ervoor eenheid is compleet.

1.CUT-50
2,2m 16 mm² Aardklem 300A 1 set ×1
3. Lucht druk regelaar ×1
4. Plasmasnijbrander AG-60 ×1
5.Transparant lucht slang 2m ×1
6.PTFE-tape (loodgieterstape) ×1
7. Slangklemmen ×4
8. Stroomadapter Koord (dubbel) voeding machine×1

CONTROLE EN WEERGAVEPANEEL



A:Lucht Druk Weergave B: Pre -flow / Na-stroom

C: 2T / 4T D: Encoder Knop

E: Ingangsspanning Weergave F: Huidig (A) Weergave

Klik op de knop om de functie te selecteren zijn stabiel op Op het scherm alarmeren zoals als thermisch bescherming

lassen Modus	stroom (A)
	110/220V-1
SNEE	20-50

De LED voor thermische beveiliging gaat branden als het apparaat de maximale temperatuur heeft bereikt. interne component temperatuur.Dit gebeurt wanneer de duty cycle is overschreden.
De lasser schakelt automatisch uit, maar de ventilator blijft draaien om de oververhitte las af te koelen. schakelt het beveiligingscircuit automatisch uit. de lasuitgang weer aan.

A: Plasma Fakkel Haven B : Fakkel Trekker Stopcontact

C: Grond Klem Terminal D : Stroom Invoer Kabel

E: Aan/uit-schakelaar F:Gas In laten

SNIJVERBINDINGSSCHEMA

1. Plaats de snelkoppeling aarding kabel in de CUT- terminal uitvoer op de machine En bevestig de grond klem aan de werkstuk.

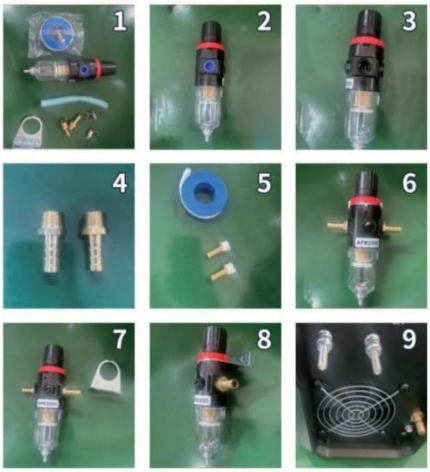
2. Sluit de zaklamp aan op de machine's zaklampfitting, dan sluit de fakkel schakelaar controle kabel in de 2-pins aansluiting van de machine.

3. Sluit de achterkant paneel lucht inl et naar de gecomprimeerd luchttoevoer.

4. Vermogen op de machine En druk op de fakkelschakelaar naar binnenkomen normaal snijden operatie.

Lucht Druk Regelaar Verbinding Diagram. De juist snijden lucht pres-Zeker bereik is 95-99 PSI.

INSTALLATIESTAPPEN VOOR LUCHTDRUKREGELAAR VENTIEL :



1. Verzamelen alle druk regelklep accessoires van binnenin de machine .

2. Zoek de lucht druk regelaar ventiel.

3. Verwijder de stekker uit de uit laten van de druk regelklep ve.

4. Vind de lucht verbindingsstuk.

5. Wikkel de lucht connector met h PTFE plakband (schroefdraadafdichtingstape).

6. Schroef de lucht connector in de inlaat En stopcontact havens van de druk regulier tor-klep.

7. Zoek de montage beugel voor de druk regelaar klep lve.

8. Bevestig de beugel aan de druk regelventiel.

9. Vind de oplossing bouten op de achterkant paneel van de machine.

10. Verwijder de twee zelfborgende nu ts van de bouten.

11. Inpakken beide de lucht verbinden of (Foto 11) en de lucht connector op de machine's achterkant paneel (Foto 12) met PTFE-tape.

13.Installeer de druk regelaar klep alve op de achterkant paneel van de machine En aanspannen het met noten.

14. Betalen aandacht voor de inlaat En stopcontact routebeschrijving van de druk regelaar ventiel.

15. Sluit de lucht slang naar de stopcontact van de druk regelklep En zeker het met A slang klem versterker.

16. Bevestig de ander einde van de lucht slang naar de lucht inlaat op de achterkant paneel van de machine en veilig het met A slang klem.

18.Trekken omhoog En draai de bovenkant omslag van de druk regelklep naar aanpassen de lucht druk.

VOORBEREIDING OM TE "STICKEN" LASSEN

1. Sluit de netsnoer in een goed afgerond, 1Fase 110/220V 50A-circuit stroomonderbreker.
2. Zorg ervoor dat de elektrode of " Stick" niet maken contact met de geaard werkstuk.
3.Schakel de Zet de aan/uit-schakelaar op “AAN”.

⚠ DANGER

EEN ELEKTRISCHE SCHOK KAN LETSEL OF DE DOOD VEROORZAKEN!

De elektrode en de werk- (of aardings-) circuits zijn elektrisch "heet" wanneer het lasapparaat aan staat. Laat deze "heet" niet. Zorg dat onderdelen niet in contact komen met uw blote huid of natte kleding. Draag altijd droge, beschermende kleding en leren schoenen.
lashandschoenen en geïsoleerd schoeisel.

⚠ WARNING

BOOGSTRALEN KUNNEN BRANDWOND!

Boogstralen produceren intense ultraviolette straling die de blootgestelde huid kan verbranden en oog schade. Gebruik schild met het juiste filter (minimaal #11) om uw ogen te beschermen tegen vonken en de stralen van de boog tijdens het lassen of bij het observeren van open booglassen (zie ANSI Z49.1 en Z87.1 voor veiligheidsnormen).

⚠ DANGER

LASVONKEN KUNNEN BRAND OF EXPLOSIE VEROORZAKEN !

Bij elektrisch lassen ontstaan vonken die bij hoge ontstekingssnelheid over grote afstanden kunnen worden ontladen. Het vrijkomen van ontvlambare of exploderende dampen en materialen. Verwijder alle ontvlambare voorwerpen binnen een straal van 10,5 meter van de las. gebied. Zorg dat u altijd een brandblusser bij de hand hebt tijdens het lassen.

⚠ WARNING

DAMPEN EN LASGASSEN KUNNEN EEN GEVAAR VOOR DE GEZONDHEID ZIJN!

Dampen en gassen die vrijkomen bij het lassen zijn gevaarlijk. Adem de dampen die vrijkomen niet in. door
Draag een door OSHA goedgekeurd ademhalingsmasker tijdens het lassen . Werk altijd in een goed geventileerde ruimte. ea.

⚠ CAUTION

HEET METAAL EN HET GEREEDSCHAP ZAL BRANDEN!

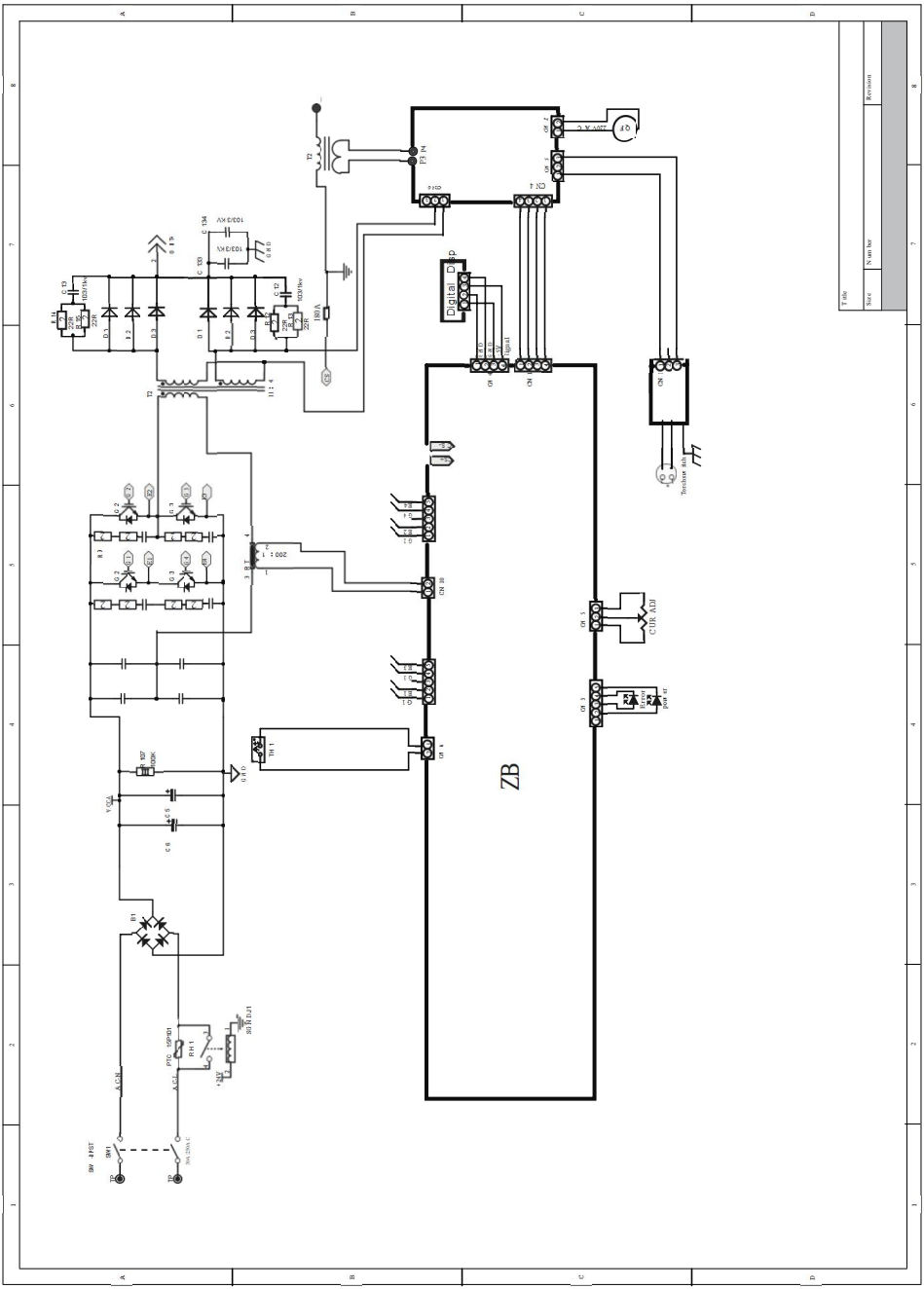
Elektrisch lassen verhit metaal en gereedschap tot temperaturen die ernstige brandwonden kunnen veroorzaken! Gebruik beschermende, hittebestendige handschoenen. beschermende handschoenen en kleding.

1. Terwijl u een goed functionerend Auto Verduisterend lassen Helm, sleep lichtjes aan de punt van de las Beweeg de staaf langs het werkstukoppervlak om een boog te starten.
2. Voed het lassen Hengel in de werkstukverbinding bij een 15° hoek .
3. Tillen staaf van het werkstuk wanneer de lasrups is voltooid.
4. Schakel de schakelaar van het lasapparaat uit.
5.Stel de Elektrode of "Stick" H ouder op een veilige, niet-ontvlambare, oppervlak

PROBLEEMOPLOSSING

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
MATERIAAL IS VERDRAAIEN	Onvoldoende klemming	klem het werkstuk stevig vast en lassen terwijl clA Zijn in plaats.
	Onvoldoende hechtlassen	Toevoegen meer hechtlassen tot stijfheid en stijfheid is ontwikkeld .
	Te Veel Warmte in Materiaal	Naar verminderen warmte Het is het beste om verspreid het lassen rond de gebied. Dit kan gedaan worden door gebruik makend van steek lassen technieken, afwisselend kanten, en/of het nemen van uw tijd en het toestaan de stukken naar koel tussen passen.
POROSITEIT IN LASPAAL	Verontreinigd Elektrode Hengel	Maken zeker dat Elektroden zijn schoon En droog voor gebruik.
	Verontreinigde basis metaal	schoon baseren metaal maken zeker om verwijderen elke olie, brokstukken, coatings, of vocht.
MOEILIJKHEID STARTEN BOOG	Onvolledig circuit	Controleer de grond verbinding. Maken zeker dat de grond is op een vers schoongemaakt oppervlak en dichtbij het lassen gebied. Het is voorgesteld om lassen naar de grond verbinding
	Amperage te Laag	Gebaseerd op de materiaal lassen & maat/materiaal van de elektrode, kies een geschikte ampèrage voor presteren de gewenste lassen.
	Verontreinigd Baseren Metaal	schoon baseren metaal van welke olie dan ook, brokstukken, coatings, of vocht. Als basis metaal is koud gerold s staal maken zeker om verwijderen elke molen schaal.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated Base Metal	clean base metal of any oil, debris, coatings, or moisture.

WIRING DIAGRAM



Fabrikant: Zhejiang Xingyi Venti lator Elektrisch apparaat Co., Ltd.
Adres: Danya Industrieel Park, Zeguo-stad, WENLING Zhejiang 317523
Geïmporteerd naar AUS: SIHAO PTY BV. 1 ROKEVA
STRAATHOUT NSW 2122 Australië

UK	**REP**

YH CONSULTING BEPERKT. C/OYH Consulting Beperkt Kantoor 147, Centurion Huis , Londen Weg, Staines-upon- Thames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu GmbH
Mainzer Landstr.69,
60329 Frankfurt am Voornaamst.

VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

MODEL:CUT-50

VEVOR

Affordable. Reliable. Home Improvement.

PLASMA CUTTER MACHINE

Model: CUT-50

Note: The product picture is for reference,the actual details shall prevail

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	This product is subject to the provision of european Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to acollection point for recycling electrical and electronic devices.
	Compliance is a EC security certification.

The CUT-50 provides a powerful and efficient method for air plasma cutting of carbon steel, stainless steel, and other conductive metals. Utilizing advanced inverter technology, it delivers precise, clean cuts on both thin and thick materials with minimal slag. When equipped with the optional air compressor (not included) and proper air filtration, the CUT-50 ensures smooth, high-speed cutting performance for industrial and workshop applications.

SPECIFICATIONS

output current Range:	Input current	Input voltage	Rated Duty cycle	Maximum Cutting Thickness	Air pressure
CUT 50A	110V I1 max 41A 110V I1 eff 31.8A 220V I1 max 26A 220V I1 eff 20.1A	110V/220V-1	CUT 20%@ 50A	16mm	1-99PS1

DUTY CYCLE

The rated duty cycle refers to the amount of welding that can be done within an amount of time.The CUT-50 has a duty cycle of 60% at 50A. It is easiest to look at your welding time in blocks of10 minutes and the duty cycle being a percentage of that 10 minutes. If welding at 50A with a 60% duty cy-cle, within a 10 minute block of time you can weld for 6 minutes with 4 minutes of cooling for the welder. If theduty cvcle is exceeded, the welder will automatically shut off, however the fan will continue running to cool theoverheated components. When a safe temperature has been reached, the welder will automatically switch thewelder output back on. To increase the duty cycle you can turn down the amperage output control.

READ AND UNDERSTAND ALL INSTRUCTIONS AND PRECAUTIONS BEFORE PROCEEDING.
This unit emits a powerful high voltage and extreme heat which can cause severe bumns, dismembermentelectrical shock and death. VEVOR shall not be held liable for consequences due to deliberate or uninten-tional misuse of this product.

SAFETYINFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided
with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.

⚠ READ INSTRUCTIONS

Thorouahly read and understand this manual before using the welder. Save for future reference.

⚠ DANGER ELECTRIC SHOCK CAN KILL!

- Improper use of an electric welder can cause electric shock, injury and death! Read all precau-tions described in the Welder Manual to reduce the possibility of electric shock.
- Disconnect welder from power supply before assembly, disassembly or maintenance of thetorch, contact tip and when installing or removing nozzles.
- Always wear dry, protective clothing and leather welding gloves and insulated footwear. Usesuitable clothing made from durableflame-resistant material to protect your skin.
- If other persons or pets are in the area of welding, use welding screens to protect bystanders-from sparks.
- Always operate the welder in a clean, dry, well ventilated area. Do not operate the welder in hu-mid, wet, rainy or poorly ventilatedareas.
- The electrode and work (or ground) circuits are electrically “hot" when the welder is on. Do notallow these “hot" parts to come in contact with your bare skin or wet clothing.
- Separate yourself from the welding circuit by using insulating mats to prevent contact from thework surface.
- Be sure that the work piece is properly supported and grounded prior to beginning an electricwelding operation.
- Always attach the ground clamp to the piece to be welded and as close to the weld area aspossible. This will give the least resistance and best weld.

⚠ DANGER WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

- Electric welding produces sparks which can be discharged considerable distances at high ve-locity igniting flammable or exploding vapors and materials.
- Do not operate electric arc welder in areas where flammable or explosive vapors are present.
- Do not use near combustible surfaces. Remove all flammable items within 35 feet of the weld.ing area.
- Always keep a fire extinguisher nearby while welding.
- Use welding blankets to protect painted and or flammable surfaces; rubber weather-stripping-dash boards, engines, etc.
- Ensure power supply has properly rated wiring to handle power usage.

⚠ WARNING ELECTROMAGNETIC FIELDS CAN BEA HEALTH HAZARD!

- The electromagnetic field that is generated during arc welding may interfere with various elec.trical and electronic devices such as cardiac pacemakers. Anyone using such devices shouldconsult with their physician prior to performing any electric welding operations.
- Exposure to electromagnetic fields while welding may have other health effects which are notknown.

⚠ WARNING ARC RAYS CAN BURN!

- Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eyedamage. Use a shield with the proper filter (a minimum of #11)to protect your eyes fromsparks and the rays of the arc when welding or when observing open arc welding (see ANS!Z49.1 and Z87.1 for safety standards).
- Use suitable clothing made from durable flame-resistant material to protect your skin.If
- other persons or pets are in the area of welding, use welding screens to protect bystander-sfrom sparks and arc rays.

⚠ WARNING FUMES AND WELDING GASES CAN BEA HEALTH HAZARD!

- Fumes and gasses released during welding are hazardous. Do not breathe fumes that are pro-duced by the welding operation.
- Wear an OSHA-approved respirator when welding.Always work in a properly ventilated area.
- Never weld coated materials including but not limited to: cadmium plated, galvanized, leadbased paints.

⚠ CAUTION HOT METAL AND TOOLS WILL BURN!

- Electric welding heats metal and tools to temperatures that will cause severe burns!
- Use protective, heat resistant gloves and clothing when using Eastwood or any other weldingequipment. Never touch welded work surface, torch tip or nozzle until they have completelvcooled.

⚠ CAUTION FLYING METAL CHIPS CAN CAUSE INJURY!

- Grinding and sanding will eject metal chips, dust, debris and sparks at high velocity. To pre-vent eye injury wear approved safety glasses.
- Wear an OSHA-approved respirator when grinding or sanding.
- Read all manuals included with specific arinders, sanders or other power tools used beforeand after the welding process. Be aware of all power tool safety warnings.

REQUIREDITEMS

Before you begin using the CUT-50 , make sure you have the following:

- A properly grounded 1Phase 110/220V 50A circuit breaker.

NOTE: Unit must be grounded to work properly and safely!

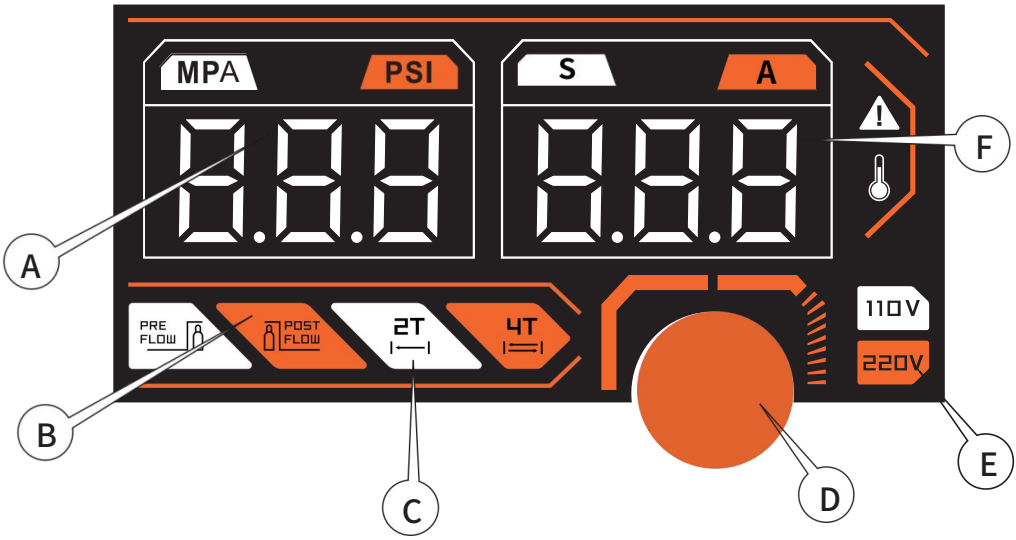
- A clean, safe, well-lit, dry and well-ventilated work area.
- A non-flammable, long sleeve shirt or WELDING Jacket
- Heavy Duty Welding Gloves
- Auto-Darkening Welding Helmet to provide eye protection during welding operations. Note: MuST be a#11 lens or darker.
- Dedicated stainless steel wire welding brushes for each material to be welded.

CONTENTS

Remove all items from the box. Compare with list below to make sure unit is complete.

1.CUT-50
2.2m 16mm² Ground clamp 300A 1 set ×1
3.Air pressure regulator ×1
4.Plasma cutting torch AG-60 ×1
5.Transparent air hose 2m ×1
6.PTFE tape (plumber's tape) ×1
7.Hose clamps ×4
8.Power Adapter Cord(Dual power supply machine×1

CONTROL AND DISPLAY PANEL



A:Air Pressure Display B:Pre-flow / Post-flow

C: 2T / 4T D: Encoder Knob

E: Input Voltage Display F: Current (A) Display

Click the button to select the function to be steady on
In-screen alarm such as thermal protection

welding Mode	current(A)
	110/220V-1
CUT	20-50

Thermal protection LED iluminates when the unit has reached the maximum internal component temper-.ature.This occurs when the duty cycle has been exceeded.
The Welder will automatically shut off however the fan will continue running to cool the overheated com.ponents. When a safe temperature has been reached, the protective circuit will automatically switch thewelder output back on.

A: Plasma Torch Port B: Torch Trigger Socket

C: Ground Clamp Terminal D: Power Input Cable

E: Power Switch F:Gas Inlet

CUT CONNECTION DIAGRAM

1.Insert the quick-connect grounding cable into the CUT terminal output on the machine and attach the ground clamp to the workpiece.

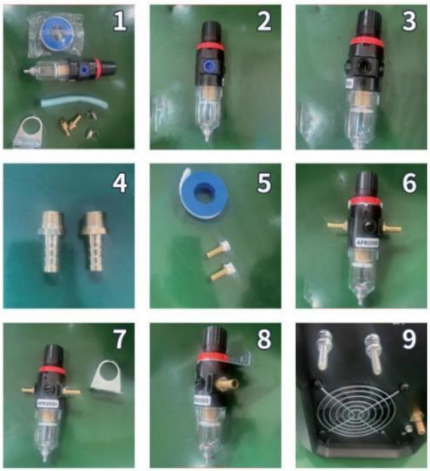
2.Connect the torch to the machine's torch socket, then plug the torch switch control cable into the machine's 2-pin socket.

3.Connect the rear panel air inlet to the compressed air supply.

4.Power on the machine and press the torch switch to enter normal cutting operation.

Air Pressure Regulator Connection Diagram. The proper cutting air pressure range is 95-99PSI.

INSTALLATION STEPS FOR AIR PRESSURE REGULATOR VALVE:



1.Gather all pressure regulator valve accessories from inside the machine.

2.Locate the air pressure regulator valve.

3.Remove the plug from the outlet of the pressure regulator valve.

4.Find the air connector.

5.Wrap the air connector with PTFE tape (thread seal tape).

6.Screw the air connector into the inlet and outlet ports of the pressure regulator valve.

7.Locate the mounting bracket for the pressure regulator valve.

8.Attach the bracket to the pressure regulator valve.

9.Find the fixing bolts on the rear panel of the machine.

10.Remove the two self-locking nuts from the bolts.

11.Wrap both the air connector (Pic 11) and the air connector on the machine's rear panel (Pic 12) with PTFE tape.

13.Install the pressure regulator valve onto the rear panel of the machine and tighten it with nuts.

14.Pay attention to the inlet and outlet directions of the pressure regulator valve.

15.Connect the air hose to the outlet of the pressure regulator valve and secure it with a hose clamp.

16.Attach the other end of the air hose to the air inlet on the rear panel of the machine and secure it with a hose clamp.

18.Pull up and rotate the top cover of the pressure regulator valve to adjust the air pressure.

PREPARING TO“STICK” WELDING

1. Plug the power cord into a properly grounded, 1Phase 110/220V 50Acircuit breaker.
2. Make sure the electrode or “Stick" is not making contact with the grounded workpiece.
3.Switch the Power Switch to “ON”.

⚠ DANGER

ELECTRIC SHOCK CAN CAUSE INJURY OR DEATH!

The electrode and work(or ground) circuits are electrically“hot”when the welder is on. Do not allowthese “hot" parts to come in contact with your bare skin or wet clothing. Always wear dry, protectiveclothing and leather welding gloves and insulated footwear.

⚠ WARNING

ARC RAYS CAN BURN!

Arc rays produce intense ultraviolet radiation which can burn exposed skin and cause eye damage. Use ashield with the proper filter (a minimum of #11) to protect your eyes from sparks and the rays ofthe arcwhen welding or when observing open arc welding (see ANSI Z49.1 and Z87.1 for safety standards).

⚠ DANGER

WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION!

Electric welding produces sparks which can be discharged considerable distances at high velocity ignit. ing flammable or exploding vapors and materials. Remove all flammable items within 35 feet of the weld. ing area. Always keep a fire extinguisher nearby while welding.

⚠ WARNING

FUMES AND WELDING GASES CAN BEA HEALTH HAZARD!

Fumes and gasses released during welding are hazardous. Do not breathe fumes that are produced by thewelding operation. Wear an OSHAapproved respirator when welding. Always work in a properly ventilatedarea.

⚠ CAUTION

HOT METAL AND TOOLS WILL BURN!

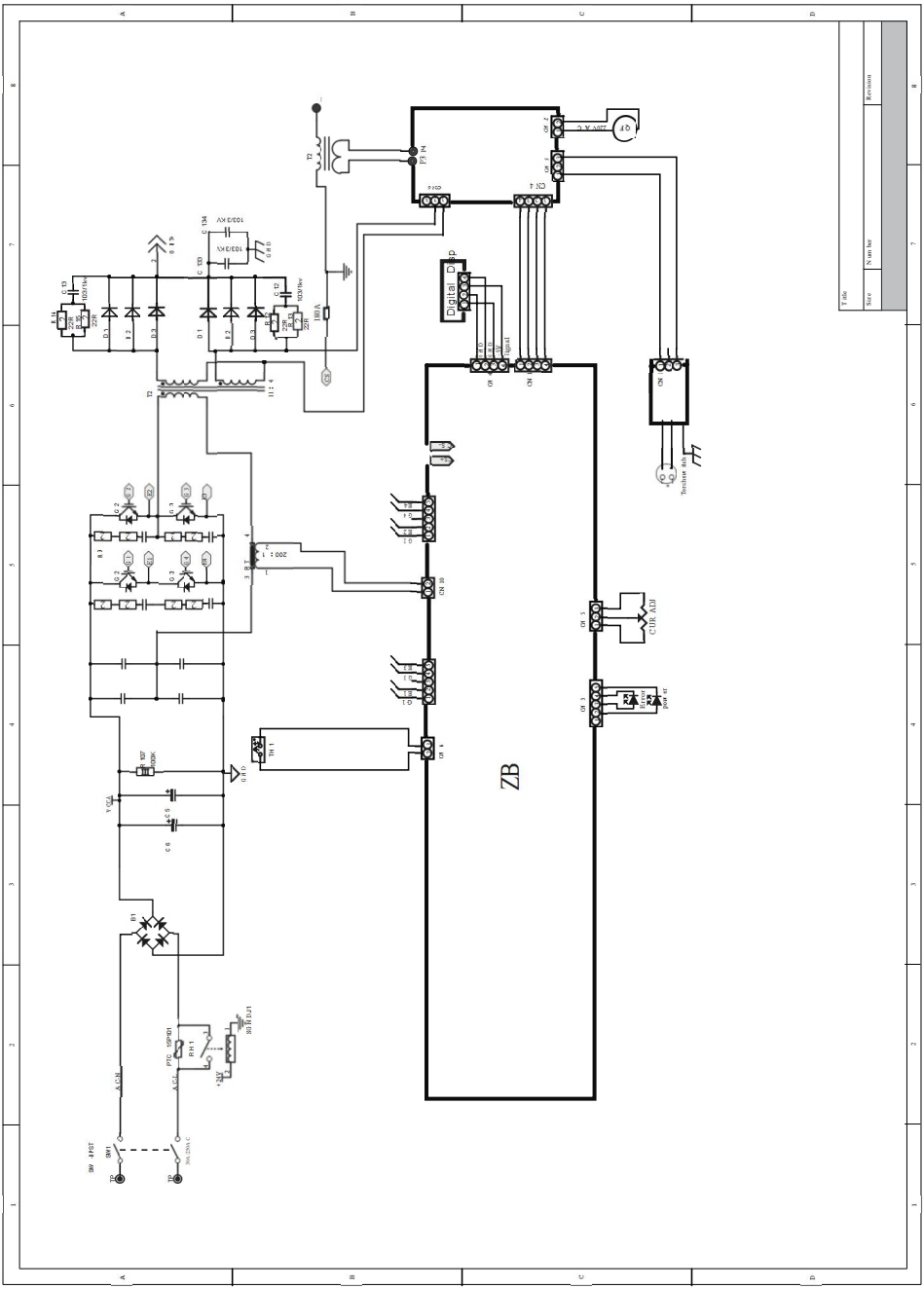
Electric welding heats metal and tools to temperatures that will cause severe burns! Use protective, heat resistant gloves and clothing.

1. While wearing a properly functioning Auto Darkening Welding Helmet, lightlydrag the tip of the Welding Rodalong the workpiece surface to start an arc.
2. Feed the Welding Rod into the workpiece joint at a 15° angle.
3. Lift rod from workpiece when weld bead is completed.
4. Turn off Welder power switch.
5.Set the Electrode or “Stick" Holder on a safe, non-flammable, surface

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
CONTAMINATION IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use
	Contaminated Base Metal	Clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
POOR WELD APPEARANCE	Incorrect positioning	The angle of the electrode should be at 45° and drug away from the weld arc. Failing to do so may cause poor weld appearance.
WELD BEAD IS CRACKING	Too much heat in materia	Reduce heat & allow more time between passes
	Base Metal is absorbing toomuch heat	Preheat base metal (consult welding codes for requirements)
	Incorrect Filler Wire	Use correct filler wire type & diameter for the joint being welded.
MATERIAL IS WARPING	Insufficient Clamping	clamp work piece tightly & weld while clA are in place.
	Insufficient Tack Welds	Add more tack welds until rigidity and stiffness is developed.
	Too Much Heat in Material	To reduce heat it is best to spread the welding out around the area. This can be done by using stitch welding techniques, alternating sides, and/or taking your time and allowing the pieces to cool between passes.
POROSITY IN WELD BEAD	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated base metal	clean base metal making sure to remove any oil, debris, coatings, or moisture.
DIFFICULTY STARTING ARC	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection
	Amperage Too Low	Based on the material welding & size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Contaminated Base Metal	clean base metal of any oil, debris, coatings, or moisture. If base metal is cold rolled steel make sure to remove any mill scale.
ARC WANDER	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
DIFFICULTY HOLDING ARC	Amperage Too Low	Based on the material welding and size/material of the electrode, pick an appropriate amperage to perform the desired weld.
	Electrode too far from welding surface	Move electrode so that it is contacting the weld puddle and feed rod into the puddle as needed.
	Incomplete Circuit	check Ground connection. Make sure that the ground is on a freshly cleaned surface and close to the welding area. It is suggested to weld toward the ground connection.
	Contaminated Electrode Rod	Make sure that Electrodes are clean and dry before use.
	Contaminated Base Metal	clean base metal of any oil, debris, coatings, or moisture.

WIRING DIAGRAM



Manufacturer: Zhejiang Xingyi Ventilator Electrical Appliance Co., Ltd.
Address: Danya Industrial Park, Zeguo Town,WENLING Zhejiang 317523
Imported to AUS: SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD NSW 2122 Australia

UK	**REP**

YH CONSULTING LIMITED. C/OYH Consulting Limited Office 147, Centurion House, London Road, Staines-upon-Thames, Surrey, TW18 4AX

EC	**REP**

E-CrossStu GmbH
Mainzer Landstr.69,
60329 Frankfurt am Main.