

Forney EASY WELD® 100 ST-i WELDER

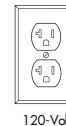


ITEM# 297 SPECS	APPLICATIONS: DIY Farm & Ranch Maintenance & Repair Hobby & Art Light Industrial Contractor	PROCESSES: Stick (SMAW) DC TIG (GTAW) Lift	INPUT VOLTAGE: 120V/50-60Hz Single phase	OUTPUT CURRENT RANGE: Stick: 15-80A TIG: 15-85A	RATED DUTY CYCLE: Stick: 30% @ 80A TIG: 30% @ 85A	WEIGHT: 5.8 lbs. (2,6 kg)	DIMENSIONS: L: 10" (246mm) W: 4.3" (111mm) H: 7.4" (188mm)
			INPUT CURRENT: 15A				



INCLUDES:

- ITEM# 297 Forney Easy Weld® 100 ST-i Welder with 7' Power Cord
- Stick Electrode Holder with 6' Lead
- Ground Clamp with 6' Lead
- 15-20A Plug Adapter
- Nylon Carry Strap



Voltage:
Operates on 120V input power

Simple Operation: Equipped with a straightforward one-knob interface that provides a practical, no-nonsense user experience

Lift Start TIG: Perfect for detailed jobs on thin metal

Powerful: 100A max output and capable of welding up to 1/4" thick steel

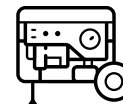
Portable: Features a lightweight design and a nylon carrying strap so you can easily and comfortably take your welder wherever you need

Expert Set™ Hot Start and Arc Force: Optimized presets to ensure smooth arc starts and a reliable welding performance with reduced sticking

Expert-Tech® Service: Our Colorado-based welding technicians are here to keep you and your machine working, ultimately saving you time and money. Call us at 1-800-521-6038 with any questions

1/4"

Weld Capacity:
24 ga - 1/4"



Generator Requirements:
4,000W continuous output
No low-idle, less than 5% THD

CSA Certified: Our products are CSA certified to meet strict safety and performance standards, ensuring reliability and your safety in any work environment.



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ITEM# 297 SPECS CONTINUED			
Generator Requirements	Open Circuit Voltage	Recommended Tungsten Diameter	Electrode Diameter Range
4,000W continuous output, no low-idle, 5% THD max	75V	3/32"	Up to 1/8"

SETUP CHARTS:

100 ST-i STICK SET-UP CHART					
MATERIAL	ELECTRODE TYPE	ELECTRODE DIAMETER			
		1/16" (1,6mm) 	5/64" (2mm) 	3/32" (2,4mm) 	1/8" (3mm) 
Regulation Knob					
Mild Steel	E6010	–	–	50-70A	80A
	E6011 E6013 E6014	30-40A	40-60A	50-70A	70-80A
	E7018	–	–	70-80A	80A (Difficult)
Stainless Steel	E308L	–	–	40-70A	50-80A
CANNOT WELD ALUMINUM					

100 ST-i TIG SET-UP CHART						
MATERIAL	GAS	TUNGSTEN ELECTRODE Ø	MATERIAL THICKNESS			
			22 Gauge .030" (0,8mm) 	16 Gauge 1/16" (1,6mm) 	1/8" (3mm) 	3/16" (5mm) 
Regulation Knob						
Mild Steel	100% Argon	1/16" (1,6mm)	10-15A	15-20A	35-50A	60-80A
CANNOT WELD ALUMINUM						

RECOMMENDED ACCESSORIES:



ITEM# 55731
Forney Easy Weld® Black Matte
Auto-Darkening Filter (ADF) Welding Helmet



ITEM# 53425
Black Leather Welding Gloves (Men's L)



ITEM# 32005
E7014, Steel Electrode,
3/32 in x 5 Pound

Distributed by: