

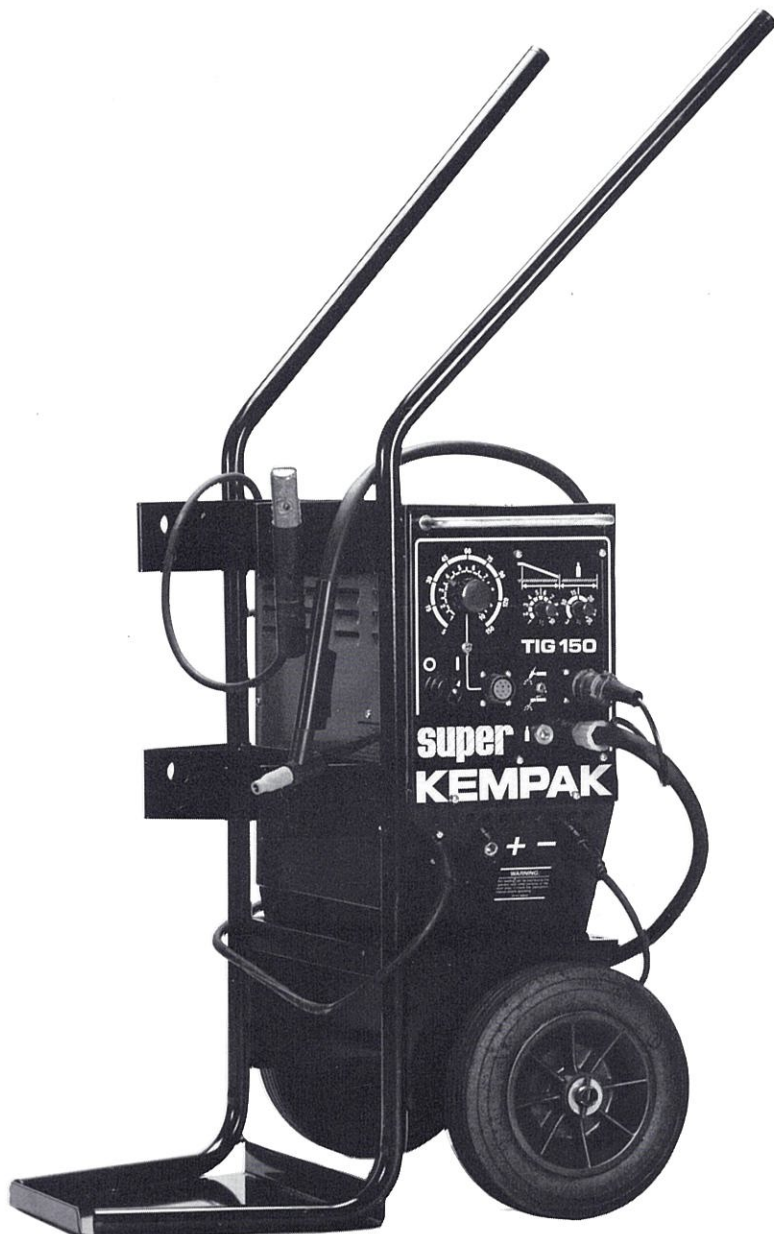
# KEMPPPI

## Super Kempak — Stick/TIG 150 Single Phase Thyristor Controlled Rectifier. 5-150 AMP DC

### The Small Sized Rectifier That Packs A Big Punch

Our Super Kempak Stick/TIG 150 rates high marks from welding professionals. It features smooth starting capabilities — electronically controlled output over the steplessly adjustable current range of 5-150 amperes DC.

It is a constant current, thyristor controlled rectifier with excellent arc starting characteristics due to advanced circuitry. It's the right choice for stick applications involving  $\frac{1}{16}$ - $\frac{1}{8}$  diameter electrodes, and functions easily at all levels of operator skills. Just add a torch and a cylinder of argon for TIG applications.



The Super Kempak output is regulated by solid state circuitry, which guarantees steady, clean DC welding current, even during primary power supply fluctuations.

### OUTSTANDING FEATURES

**Excellent Starting.** Thyristor control, plus solid state ignition produce current that guarantees sure-starting arcs for stick applications, and low current touch starts for TIG welding.

**Outstanding Weld Characteristics.** Advanced electronic circuitry provides constant soft-arc for all positions throughout the entire current range for all types of DC electrodes.

**Downslope — Crater Fill.** The downslope function automatically reduces the current to minimum value before extinguishing the arc. No craters are formed, and the risk of shrinkage cavities is reduced.

**Gas Post Flow.** After the weld current has been extinguished, the filler and top of the tungsten electrode are protected from oxidation while the shielding gas continues to flow over the molten pool. Post flow time can be set within a range of 3-30 seconds.

**Standard Remote Control.** Optional C 100C (one knob current control) and C 100D (two knob coarse and fine control) remote controls permit easy changing of current while welding, even up to 50 feet from the unit. Foot controls also are available.

**Electronic Thermostat.** Automatic built-in thermostat protects the power supply from overload damage. Because there's no fan, there's no dust.

**Voltage Compensation.** Control circuitry maintains selected output current despite fluctuations of 10% of the primary.

**Adjustable Current.** The current is steplessly adjustable throughout the entire range with finer control at the low end of the scale.

**Unique Pulser.** The C 100P remote control can be added at any time for TIG or Stick welding. It will control cycle time, peak current, peak current time and background current.

### TIG 150 MODULE

Order the combination Stick/TIG unit or field install the module. It includes circuitry for Stick/TIG selection, TIG downslope timer, TIG post gas flow timer and TIG torch or foot control connection.

### BATTERY CHARGER

The SB 150 battery charger can be added as an option for charging 12 and 24 volt batteries and for jump starting engines — 150 amps, six seconds.



# KEMPPPI

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## SUPER KEMPAK STICK/TIG

Part No.	Description	Net Weight
<b>Components</b>		
612123701	Super Kempak Stick/TIG 150	100 lbs.
APN 8206	150 Amp Air Cooled TIG Torch, 12½ Feet	5
APN 8123	Ground Cable and Clamp Assembly, (AWG 4) 16½ Feet	5
APN 8125	Electrode Holder Assembly, (AWG 4) 16½ Feet	5
<b>Accessories</b>		
6185217	ST 3 Cart W/Cylinder mount	38
618535001	SB 150 Battery Charger, 12V, 24V (Hot Start)	6
6185351	Charging Cables for SB 150	3
APN 8100	80 Amp Air Cooled TIG Torch, 12½ Feet	5
APN 8101	80 Amp Air Cooled TIG Torch, 25 Feet	10
APN 8102	125 Amp Air Cooled TIG Torch, 12½ Feet	5
APN 8103	125 Amp Air Cooled TIG Torch, 25 Feet	10
APN 8207	150 Amp Air Cooled TIG Torch, 25 Feet	10
424700	TIG Torch Adapter, Gas/Power (¾-18 Right Hand) (Not required for Kemppi TIG Torch)	1
APN 8128	Connector, 4-Pin TIG Torch on/off (Not required for Kemppi TIG Torch or Foot Control)	1
9771650	DIX SKM 25 Weld Cable Connector (Cable size AWG 4) Included with Kemppi Ground and Electrode Cable Assemblies	1
<b>Note:</b> All Kemppi TIG Torches come complete with gas nozzle, collet, body and tungsten electrode, which are industry standard parts.		
<b>Remote Controls</b>		
APN 8121	Foot Control, on/off, 25 Feet	4
APN 8122	Foot Control, on/off current, 25 Feet	7
6185410	C100C One Knob Hand Current Control, 16 Feet	2
6185413	C100D Two Knob Hand Current Control, (coarse/fine) 16 Feet	2
6185451	Extension Cable for C100C, C100D, 33 Feet	8
6185424	C100P Pulse Control (TIG only) Requires Interconnection Cable	6
6185455	Interconnection Cable For C100P, 33 Feet	8
APN 8127	Interconnection Cable For C100P, 16½ Feet	5
<b>Customer Supplied Items</b>		
	Gas Regulator/Flowmeter Fitting, gas hose to regulator/ flowmeter ¼ inch I.D. hose Plug for primary power cable Fuses, primary line, 208-230V-16A SB 460V-10A SB	



## SUPER KEMPAK STICK

Part No.	Description	Net Weight
<b>Components</b>		
612123401	Super Kempak Stick	100 lbs.
APN 8123	Ground Cable and Clamp Assembly, (AWG 4) 16½ Feet	5
APN 8125	Electrode Holder Assembly, (AWG 4) 16½ Feet	5
<b>Accessories</b>		
6185216	ST 2 Cart	13
9771650	DIX SKM 25 Weld Cable Connector (AWG 4) Included with Kemppi Ground (APN 8123) and Electrode (APN 8125) Cable Assemblies	1
618535001	SB 150 Battery Charger, 12V, 24V (Hot Start)	6
6185351	SB 150 Charging Cables	3
<b>Remote Control</b>		
6185410	C100C One Knob Hand Current Control, 16 Feet	2
<b>Customer Supplied Items</b>		
	Plug for primary power cable Fuses, primary line, 208-230V-16A SB 460V-10A SB	
<b>Customer Installed Option</b>		
6271290	TIG 150 Module (Add TIG Option to Basic Stick Machine)	2

## TECHNICAL DATA

<b>Welding Current</b>	5-150A DC
<b>Primary Voltage</b>	Single Phase 208-230V/460V
<b>Fuse, SB</b>	208-230V/16A 460V/10A
<b>Idling Voltage (OCV)</b>	40-45V
<b>Duty Cycle</b>	130A/15% 70A/60% 50A/100%
<b>Dimensions</b>	9 W × 18 L × 16¼ H Inches
<b>Weight</b>	100 Pounds



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