

WIRE FEEDERS

HEFTY® II CC/CV



PROCESS		MIG	FLUX CORED	PULSE MIG		
Part Number	Feed Rolls	Wire Speed Range	Wire Size Range	Dimensions (H x W x D)	Net Weight	
100035A-001 CC/CV						
100035A-002 CC/CV (with Inch / Purge & WFS / Volt Meters)	2	50 - 700 (IPM) 1.3 - 17.8 (m/min)	.024" - 5/64" 0.6 - 2.0 (mm)	14.8" x 9.1" x 23.2" 262 x 315 x 483 (mm)	29 lbs. (13.2 kg)	

The Hefty® II CC/CV is a portable, solid-state controlled, voltage sensing wire feeder that operates on arc voltage and can be used with most constant voltage (CV) and constant current (CC) DC-type power sources. The unique design of the Hefty® II CC/CV allows operation in a constant wire feed speed mode when used with CV power sources, and in a voltage sensing wire feed speed mode when used with CC power sources.

The Hefty® II CC/CV's rugged steel-reinforced, flame-retardant polyethylene case totally encloses the solid state control circuitry, welding wire, and wire drive system. This portable and lightweight unit is designed with a hinged, latched door allowing quick and easy access to the contactor, welding wire and feed head assembly. It has an insulated top carrying handle and the control panel is recessed to protect the controls.

Features of the Hefty® II CC/CV include quick change feed rolls allowing the operator to change feed rolls without the use of tools, a hand operated plastic knob for clamping the welding gun into the feed head and two gear driven feed rolls which will accommodate wire sizes up to and including 5/64" diameter.

FEATURES

- **Quick change feed rolls** can be changed without the use of tools **Contact**or allows welding wire to remain electrically "cold" until the gun switch trigger is depressed
- **Gas valve** controls "on-off" flow of shielding gas
- **Powerful, Permanent Magnet DC Drive Motor** accommodates fast speed demands of small diameter wire and low speed, high torque demands of large diameter wire
- **Operates** on either straight or reverse polarity Electronic controlled protection circuitry protects against voltage spikes, shorted or locked motor, shorted contactor coil and shorted gas valve coil
- **Electronic brake** offers quick stopping of motor to prevent wire Overrun
- **Feed roll** pressure release allows operator to change feed rolls or wire while retaining preset feed roll pressure



Part No. 100035-001
\$1,395.47 EA
Part No. 100035-002 (shown)
\$1,680.40 EA

HEFTY® II CC/CV

ACCESSORIES

Inch/Purge Kit, Flow meter Kit, Wire Feed Speed Meter and Arc Voltage Meter Kit, Spool Adapters, Coil Adapter, Control Pot Shaft Friction Lock, Remote Voltage / Current Control Kits

SEE ACCESSORIES PAGE For Details & Ordering Information

HEAVY DUTY CC/CV



(For more Drive Rolls – Go forward 3 pages)

PROCESS		MIG	FLUX CORED	PULSE MIG		
Part Number	Feed Rolls	Wire Speed Range	Wire Size Range	Dimensions (H x W x D)	Net Weight	
SP6877B-001	4	40 - 600 (IPM) 1.0 - 15.2 (m/min)	.023" – 1/8" 0.6 - 3.2 (mm)	13" x 14" x 24.5" 330 x 356 x 622 (mm)	52 lbs. (23.6 kg)	

Ideal for welding hard surface applications, the Heavy Duty CC/CV is a solid state, CC and CV wire feeder. The four drive roll assembly feeds up to 600 IPM and is designed primarily for gas metal arc welding (GMAW) and flux cored arc welding (FCAW).

The front panel features a large knob for easy wire feed speed adjustment. Other features include quick wire release and a variable speed motor that handles the fast speed demands of smaller diameter wire, as well as the low speed high torque demands for larger diameter wire. The quick torch connector is standard and easily fits most Tweco® MIG guns. The unit also comes equipped with multiple overload protection devices to prevent damage due to faults and an enhanced run-in-circuit, which allows for smooth arc starting.

FEATURES

- **Works with** most CC & CV DC-type Power Sources
- **4 Drive Roll Design** for GMAW and FCAW
- **Control Circuitry** Enclosed in Water Resistant Sheet Metal Case
- **Gas Valve** and 1 Set of Feed Rolls Supplied Standard
- No Control Cables Required
- **Rugged Design** for Tough Environments
- **Dynamic Wire Stop Brake** Circuit
- Replaceable Motor Brushes



HEFTY® II HEAVY DUTY CC/CV

ACCESSORIES

Feed Roll Kits, Feeder Cart Kit, Swivel Base Assembly, Handle Kit, Spool Adapters, Coil Adapters, Lifting Eye, Spool Cover, Control Pot Shaft Friction Lock, Contact Kit, Wire Reel Kit

SEE ACCESSORIES PAGES For Details & Ordering Information

Additional Accessories are respectively shown on other pages in this "Joining & Cutting With Electricity" Section