**Activ8™**

**Processes**
GMAW, FCAW

**Product Number**
K2999-1 Activ8™
K3289-1 Activ8™ One-Pak®

*See back for complete specs*

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**Portable, Semiautomatic Wire Feeder**
Activate your shipbuilding, offshore, construction or pipe welding operations with the Activ8™ portable wire feeder. Small enough to fit through ship manways and light enough to carry around the site, the Activ8™ is designed for tough welding environments with limited access. Compatible with compact 8 in. (203 mm) wire spools, the Activ8™ can be used with any DC CV or CC power source.

**FEATURES**
- Breakthrough Size and Weight – Smallest and lightest construction wire feeder on the market today.
- Simple Controls – Wire feed speed knob on the front; booted Cold Feed/Gas Purge, Trigger Interlock and CV/CC switches inside.
- Across-The-Arc Operation (Voltage Sensing) – Uses a sense lead and a contactor for enabling welding current.
- Tough Plastic Case – Molded from a high impact, flame retardant material for high durability and low weight.
- MAXTRAC® Wire Drive System –
  - Dual gear-driven drive system ensures positive feeding performance.
  - Patented wire drive features include tool-less drive roll and wire guide changes for quick spool replacement.
  - A tachometer controlled motor powers the patented drive rolls for smooth, steady feeding without wire slippage.

**WHAT’S INCLUDED**
- **K2999-1 Activ8™**
  - Internal Contactor
  - Gas Solenoid
  - Arc Sensing Lead & Clip, 15 ft. (4.5 m)
  - Gun Bushing (K1500-2)
- **K3289-1 Activ8™ One-Pak®**
  - Includes everything in K2999-1
  - Magnum® PRO Curve™ 300 Gun 15 ft. (4.5 m) with 1/16 in. (1.6 mm) liner and K466-10 gun connector kit (K2951-2-10-116)

**RECOMMENDED POWER SOURCES**
- Idealarc® CV-305
- Idealarc® CV-400
- Idealarc® CV-655
- Idealarc® DC-400
- Idealarc® DC-600
- Idealarc® DC-655
- Invertec® V350-PRO
- Flextec™ 450, 650
- Multi-Weld™ 350
- Ranger® 225
- Ranger® 250 GXT
- Ranger® 305G, D, LPG
- SAE-300®
- SAE-500®
- Pipeliner® 200D
- Classic® 300D
- Vantage® 300
- Vantage® 400
- Vantage® 500

**APPLICATIONS**
- Shipbuilding
- Construction
- Pipeline
KEY CONTROLS

FRONT CONTROL PANEL

1. Wire Feed Speed Control Knob
2. Thermal LED
3. Polarity LED
4. 5-pin Trigger Connection
5. Gun Connection

REAR CONNECTIONS

1. Shielding Gas Inlet with Gas Filter
2. Electrode Lead

DRIVE SYSTEM

1. Dual Spring Tension Arm (Wire Tension Adjustment)
2. Cold Feed / Gas Purge Switch
3. 2-Step / Trigger Interlock Switch
4. CV / CC Switch
5. Spool Retainer
6. Spindle Brake
7. Work Sense Lead
8. Gun Bushing Assembly
9. MAXTRAC® Drive System
RUGGED CASE

- One modular design
- The case can be removed in under two minutes – only eight screws
- Flame retardant material
- Withstands repeated drop testing

WELD POWER CABLES

<table>
<thead>
<tr>
<th>Description</th>
<th>Order Number</th>
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<tbody>
<tr>
<td>Twist Mate™ to Lug:</td>
<td>K1840-10</td>
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<tr>
<td>1/0, 350A, 60% duty cycle, 10 ft.</td>
<td>K1841-25</td>
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<td>2/0, 350A, 60% duty cycle, 50 ft.</td>
<td>K1841-50</td>
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<td>Lug to Lug:</td>
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<td>3/0, 600A, 60% duty cycle, 10 ft.</td>
<td>K1842-25</td>
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<tr>
<td>3/0, 600A, 60% duty cycle, 35 ft.</td>
<td>K1842-35</td>
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<tr>
<td>3/0, 600A, 60% duty cycle, 60 ft.</td>
<td>K1842-60</td>
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<td>4/0, 600A, 60% duty cycle, 110 ft.</td>
<td>K1842-110</td>
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DRIVE ROLL & WIRE GUIDE KITS

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<tr>
<td>Steel Wire Sizes (includes stainless steel):</td>
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<td>.023-.030 in. (0.6-0.8 mm)</td>
<td>KP1696-030S</td>
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<td>.035 in. (0.9 mm)</td>
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<td>.040 in. (1.0 mm)</td>
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<td>.045 in. (1.2 mm)</td>
<td>KP1696-045S</td>
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<td>.052 in. (1.4 mm)</td>
<td>KP1696-052S</td>
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<td>Cored Wire Sizes:</td>
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<tr>
<td>.030-.035 in. (0.8-0.9 mm)</td>
<td>KP1697-030C</td>
</tr>
<tr>
<td>.040-.045 in. (1.0-1.2 mm)</td>
<td>KP1697-045C</td>
</tr>
<tr>
<td>.052 in. (1.4 mm)</td>
<td>KP1697-052C</td>
</tr>
<tr>
<td>1/16 in. (1.6 mm)</td>
<td>KP1697-1/16C</td>
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<tr>
<td>Solid Steel or Cored Wire Sizes:</td>
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<tr>
<td>.068-.072 in. (1.7 mm - 1.9 mm)</td>
<td>KP1697-068</td>
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<tr>
<td>5/64 in. (2.0 mm)</td>
<td>KP1697-5/64</td>
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FEED PLATE GUN ADAPTERS

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<tr>
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<th>K1500-1</th>
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<th>K1500-3</th>
<th>K1500-4</th>
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<td>Lincoln Electric</td>
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<td>Tweco® #2 - #4</td>
<td>Tweco® #5</td>
<td>Miller® guns</td>
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<td>Compatible gun connector kits</td>
<td>K466-1</td>
<td>K613-1</td>
<td>K466-10</td>
<td>K613-7</td>
<td>K466-3</td>
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RECOMMENDED ACCESSORIES

Plastic Case
A complete replacement plastic case.
Order K3061-1

Work and Wire Feeder 2/0 Weld Cable Package
Includes Twist Mate™ connectors, work clamps, 15 ft. (4.5 m) work cable and 10 ft. (3.0 m) electrode cable. Rated 350 amps, 60% duty cycle.
Order K1803-1

Twist Mate™ Cable Plug
For connecting welding cable to output terminal receptacles. For 2/0-3/0 (70-95 mm²) cable.
Order K852-95

Tweco® Style Cam-Lock Adapter Plug for Work & Electrode Cables
Cable plug for 2/0 (50 mm²) cable.
Order K2946-1

Jumper Plug Kit
Required to close the contactor in the power source when the power source is used with a remote output contactor.
Order K484

Work Clamp
Jaws open full 2-1/2 in. (63 mm). Welding cable lug bolts directly to the work clamp. 60% duty cycle
Order K910-1 300 Amp
Order K910-2 500 Amp

Deluxe Adjustable Gas Regulator & Hose Kit
Accommodates CO₂, Argon, or Argon-blend gas cylinders. Includes a cylinder pressure gauge, dual scale flow gauge and 4.3 ft. (1.3 m) gas hose.
Order K586-1

Portable Digital Wire Feed Speed Meter
When clamped on an exposed section of continuously fed electrode, unit reads wire feed speed in inches per minute.
Order K283

Incoming Bushing
Connect directly to wire conduit (not included), for use in boom systems, large payoff packages or long distances.
Order K1546-2

Flow Meter Kit
Used to display and control the flow rate of shielding gas to the gun. Includes a valve for flow control. Scaled for CO₂, Argon and Air/CO₂ blends.
Order K3156-1

Shielding Gas Filter
Allows shielding gas to flow through while screening dust and debris. Keeps dust from entering the Activ8™ or LN-25 PRO shielding gas handling system or gun cable.
Order KP3103-1