

R-115

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**115 Volt Replacement
Wire Feeder** 

Quick Specs

Industrial Applications

Heavy Manufacturing
Metal Fabrication
Construction
Light Manufacturing

Processes

MIG (GMAW)
Flux Cored (FCAW)
Gas- and Self-Shielded
For use with CV Power Sources

Input Power 115 VAC, 2 A, 50/60 Hz

Electrode Wire Diameter Capacity
.023–5/64 (0.6–2.0 mm)

Wire Speed 75–750 IPM (1.9–19 m/min)

Weight 40 lb (18 kg)

The Power of Blue.®

Universal 115 V feeder power adapts to a wide variety of older Miller and competitive power sources (see optional cords on pg 4):

- Older-style Miller with hubble connectors
- Hobart
- Lincoln
- Thermal Arc
- Airco
- L-Tec
- Standard Miller 14-pin

Industrial 4-drive-roll system offers exceptional feed performance and reliability.

Optional interconnecting cords are quick and easy to install to a variety of power sources. (Refer to pages 3 & 4 for power source control cord and drive roll kits.)

Convenient terminal block easily adapts to existing feeder interconnecting cords.

Motor ramp and burnback control aids in starting and stopping performance to match power source characteristics.

Heavy-duty industrial design features 16 gauge sheet metal enclosure for durability in harsh environments.



Includes FREE Bernard® Q-400 MIG welding gun

Trigger hold allows operator to make long extended welds without having to hold gun trigger.

Wire feed speed range is 75–750 IPM and covers a wide variety of wire sizes (.030–3/32 in).

Gas solenoid accommodates self-shielded and gas-shielded wires.

Quick-change drive rolls are easy to change – no tools required.



Optional Run-in control, a separate wire feed speed adjustment to control wire speed prior to arc initiation.

TRUE BLUE
3YR. WARRANTY

Wire feeder is warranted for 3 years, parts and labor.

MADE IN **USA**
APPLETON, WI **USA**



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An Illinois Tool Works Company
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Web Site
www.MillerWelds.com



Specifications (Subject to change without notice.)

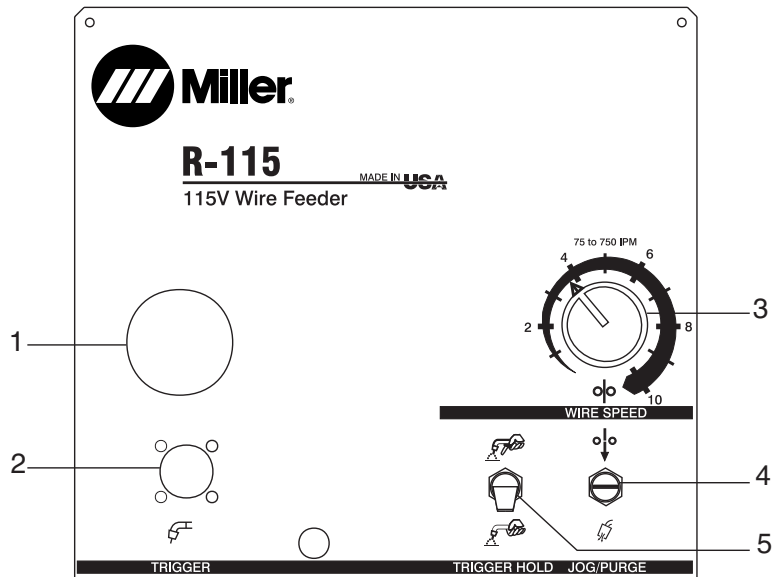


| Input Power | Electrode Wire Diameter Capacity | Wire Speed | Dimensions | Net Weight |
|------------------------|----------------------------------|---------------------------|---|---------------|
| 115 VAC, 2 A, 50/60 Hz | .023–3/32 in (0.6–2.0 mm) | 75–750 IPM (1.9–19 m/min) | H: 11 in (279 mm) W: 10-3/4 in (273 mm) D: 23-1/2 in (597 mm) | 40 lb (18 kg) |

Certified to both the Canadian and U.S. Standards for welding equipment.





Control Panel

- 1. Gun Connection
 - 2. Trigger Receptacle
 - 3. Wire Speed Control
 - 4. Jog/Purge
 - 5. Trigger Hold
- Power On/Off (on rear panel)



Drive Roll Kits (Order from Miller Service Parts.)

Select drive roll kits from chart below according to type and wire size being used. Drive roll kits include 4 drive rolls, the necessary guides and feature an anti-wear inlet guide.

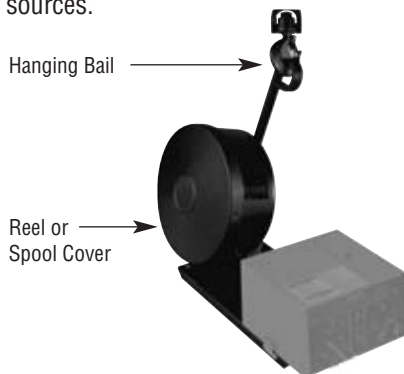
| Wire size | "V" groove for hard wire  | "U" groove for soft wire or soft-shelled cored wires  | "V" knurled for hard-shelled cored wires  | "U" cogged for extremely soft wire or soft-shelled cored wires (i.e., hard facing types)  |
|-----------------------|--|--|--|--|
| .030 in (0.8 mm) | #046 780 | — | — | — |
| .035 in (0.9 mm) | #046 781 | #044 750 | #046 792 | — |
| .040 in (1.0 mm) | #161 190 | — | — | — |
| .045 in (1.1/1.2 mm) | #046 782 | #046 785 | #046 793 | #083 319 |
| .052 in (1.3/1.4 mm) | #046 783 | #046 786 | #046 794 | #083 320 |
| 1/16 in (1.6 mm) | #046 784 | #046 787 | #046 795 | #046 800 |
| .068/.072 in (1.8 mm) | — | — | #089 985 | — |
| 5/64 in (2.0 mm) | — | #046 788 | #046 796 | #046 801 |
| 3/32 in (2.4 mm) | — | #046 789* | #046 797* | #046 802* |

*3/32 in inlet guide (#194 264) is required when using 3/32 in drive rolls.

Genuine Miller Accessories

Run-In Control #193 391 Field

A separate wire feed speed adjustment to control wire speed prior to arc initiation. This control may be beneficial to aid arc starting with certain types of power sources.



Hanging Bail #058 435

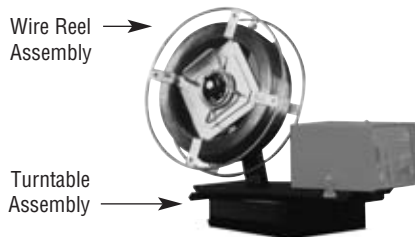
Suspends feeder over the work area.

Reel Cover #195 412

For 60 lb (27.2 kg) coil.

Spool Cover #057 607

For 12 in (304 mm) spool.



Wire Reel Assembly #108 008

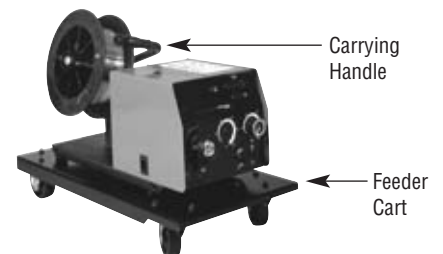
For 60 lb (27.2 kg) coil of wire.

Turntable Assembly #146 236

Allows rotation of feeder as operator changes work positions. This reduces strain and bending on gun cable.

Spool Adapter #047 141

For use with 14 lb (6.4 kg) spool of Lincoln self-shielding wire.



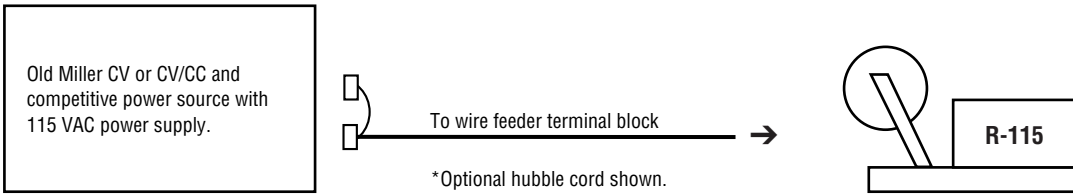
Carrying Handle #193 762

For lifting and moving feeder.

Feeder Cart #043 698

A low-profile creeper cart with high-quality rubber casters, front swivel and rear rigid.

Typical Installations

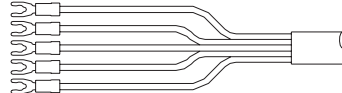


Feeder to Power Source Control Cords (All cords are 10 ft (3 m) in length.)

Select control cord from list below for the type of power source being used. Cords shown reflect connection at the power source.



#193 387
Old-style Miller and Airco power source with two and three prong (Hubbell style) twistlock connectors.



#193 385
Lincoln power source with five-wire terminal strip connection.



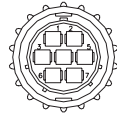
#193 381
Hobart power source with 19-pin plug.



#193 384
Lincoln power source with 14-pin connector.



#193 383
Hobart power source with 115 volt wall type plug and 5-pin plug.



#193 379
L-Tech power source with 7-pin connector.



#193 382
L-Tech power source with 19-pin connector.



#193 386
Airco power source with straight blade 115 volt wall-type plug and two-prong twistlock.



#194 842
Miller power source with 14-pin connector.

Ordering Information

| Power Source and Options | Stock No. | Description | Qty. | Price |
|--------------------------|--|-------------------------|------|-------|
| R-115 Wire Feeder | #193 164 #193 164-0-1 | Includes run-in control | | |
| Accessories | | | | |
| Run-In Control | #193 391 | Field | | |
| Hanging Bail | #058 435 | | | |
| Reel Cover | #195 412 | | | |
| Spool Cover | #057 607 | | | |
| Wire Reel Assembly | #108 008 | | | |
| Turntable Assembly | #146 236 | | | |
| Spool Adapter | #047 141 | | | |
| Carrying Handle | #193 762 | | | |
| Feeder Cart | #043 698 | Field only | | |

Date: Total Quoted Price:

Distributed by:

