

PipeWorx Welding System Specifications (Subject to change without notice.)



PipeWorx Power Source

| Welding Mode | Rated Output at 100% Duty Cycle | Amp/Volt Range | Amps Input at Rated Output, 60 Hz, 3-Phase | | | | | KVA | KW | Max. Open-Circuit Voltage | Dimensions | Net Weight |
|--------------------|---------------------------------|----------------|--|-------|-------|-------|-------|--|--|---------------------------|--|---------------------|
| | | | 230 V | 380 V | 400 V | 460 V | 575 V | | | | | |
| CC: stick | 400 A at 36 VDC | 40–400 A | 43.9 | 26.3 | 25.5 | 26.6 | 22.4 | 230 V 17.5 380 V 17.6 400 V 17.8 460 V 21.2 575 V 22.3 | 230 V 16.1 380 V 16.5 400 V 16.5 460 V 16.3 575 V 16.4 | 90 | H: 28.5 in. (724 mm) W: 19.5 in. (495 mm) D: 31.75 in. (806 mm) | 225 lb. (102 kg) |
| CC: DC TIG | 350 A at 24 VDC | 10–350 A | 29.3 | 19 | 18.1 | 18.2 | 13.5 | 230 V 11.8 380 V 12.4 400 V 12.5 460 V 14.5 575 V 13.4 | 230 V 10.7 380 V 9.7 400 V 9.8 460 V 10.6 575 V 10.0 | | | |
| CV: MIG/flux-cored | 400 A at 34 VDC | 10–44 V | 42.9 | 27.1 | 25.7 | 24 | 20.5 | 230 V 17.3 380 V 18.0 400 V 18.0 460 V 19.2 575 V 20.5 | 230 V 16.0 380 V 15.5 400 V 15.6 460 V 15.8 575 V 16.2 | | | |

PipeWorx Single and Dual Feeders

| Input Power | Wire Feed Speed Range | Wire Diameter Capacity | Input Welding Circuit Rating | Maximum Spool Size Capacity | Dimensions | | Net Weight | |
|-----------------|------------------------------|-------------------------------|----------------------------------|-----------------------------|--|--|---------------------|-------------------|
| | | | | | Single | Dual | Single | Dual |
| 24 VAC, 11 amps | 50–780 ipm (1.3–19.8 mpm) | .035–.062 in. (0.9–1.6 mm) | 100 V, 750 A, 100% duty cycle | 60 lb. (27 kg) | H: 14 in. (356 mm) W: 19 in. (483 mm) D: 29 in. (737 mm) | H: 14 in. (356 mm) W: 19 in. (483 mm) D: 29 in. (737 mm) | 65 lb. (29.5 kg) | 90 lb. (41 kg) |

Feeder Drive Roll Kits* (Order from Miller Service Parts.)

| Wire size | “V” groove for hard wire | “V” knurled for hard-shelled cored wires |
|------------------------|--------------------------|--|
| .035 in. (0.9 mm) | #151 026 | #151 052 |
| .040 in. (1.0 mm) | #161 190 | — |
| .045 in. (1.1/1.2 mm) | #151 027 | #151 053 |
| .052 in. (1.3/1.4 mm) | #151 028 | #151 054 |
| 1/16 in. (1.6 mm) | #151 029 | #151 055 |
| .068/.072 in. (1.8 mm) | — | #151 056 |
| 5/64 in. (2.0 mm) | — | #151 057 |
| 3/32 in. (2.4 mm) | — | #151 058 |

Wire Guides

| Wire size | Inlet Guide | Intermediate Guide |
|----------------------------|-------------|--------------------|
| .023–.040 in. (0.6–1.0 mm) | #150 993 | #149 518 |
| .045–.052 in. (1.1–1.4 mm) | #150 994 | #149 519 |
| 1/16–5/64 in. (1.6–2.0 mm) | #150 995 | #149 520 |
| 3/32–7/64 in. (2.4–2.8 mm) | #150 996 | #149 521 |

*Select drive roll kits from chart at left according to type and wire size being used. Drive roll kits include four drive rolls, the necessary guides and feature an anti-wear sleeve for the inlet guide.

Typical PipeWorx Welding Systems (Filler metal and shielding gas sold separately.)



Air-Cooled System

PipeWorx Welding System package (#951 381) includes power source (with cable hangers), running gear and handles, dual feeder, cable kit with 25-foot (7.6 m) work sense lead, and two PipeWorx 300 guns. PipeWorx accessory kit (#300 568) included in picture—see ordering information on back page for part numbers included in package.



Air-Cooled w/Remote Feeder System

System is shown with power source (#907 382), running gear (#300 368), dual feeder (#300 366), 25-foot composite cable (#300 454), feeder cart (#300 467), two 300-amp guns (#195 400), remote foot control (#194 744), TIG torch (WP1725RM with 105257 adapter), and accessory kit (#300 568).



Water-Cooled System

System is shown with PipeWorx Welding System package (#951 381), PipeWorx cooler (#300 370) for MIG or TIG welding (removable for service and repair), remote foot control (#194 744), TIG torch (WP1825RM with 45V11 adapter), coolant (#043 810), and accessory kit (#300 568).