

ST-24w

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Wire Feeder



Quick Specs



Industrial Applications

General fabrication
Trailer manufacturers
Shipyards
Manufacturing

Processes

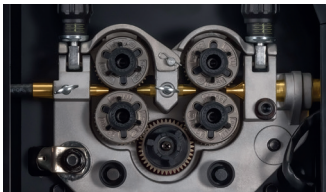
MIG (GMAW)
Flux-cored (FCAW)
Metal-cored (MCAW)

Input Power 24 VAC, 4 A, 50/60 Hz

Wire Feed Speed 1.3 - 20 m/min

Wire Diameter Capacity 0.6 - 1.6 mm

Net Weight 16.6 kg



Industrial, four-roll gear-driven, cast aluminum drive system with heavy-duty motor. Provides exceptional feed performance, reliability and wire speeds ranging from 1.3-20 meters per minute.

“No tools required” quick-change, dual-groove, reversible drive rolls. Large diameter design (43 mm) provides smooth, positive and accurate wire feeding with long uninterrupted service life.



Adjustable run-in and burnback controls allow the operator to set the optimum arc starts and stops, reducing wire stubbing, arc flaring or wire burning back.



Spool cover is optional and ordered separately.

Wire jog feature enables the operator to thread the wire through the torch, without the wire being live.

Wire feed speed setting for easy and accurate control of wire feed speed.

2T/4T latching torch trigger. Allows the operator to weld for extended periods without having to maintain pressure on the torch trigger.

Gas purge feature.

Quick-connect coolant fittings provide easy hook up for water-cooled torches, no tools required.

Optional Features

- Spool cover
- Lift hook

Compatible with following power sources:

- XMT® 350 / 450
- XPS 350 / 450
- Dimension™ 650
- Engine driven: Big Blue®



Power source is warranted for three years, parts and labour.



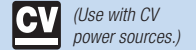
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Specifications



| Input Power | IP Rating | Wire Feed Speed | Electrode Wire Diameter Capacity | Spool Size Capacity | Dimensions | Net Weight |
|--------------------------|-----------|-----------------|----------------------------------|--------------------------|-------------------------------------|------------|
| 24 VAC, 4 A, 50/60 Hz | IP23 | 1.3 – 20 m/min | 0.6 – 1.6 mm | 200 / 300 mm 50mm hub | H: 279 mm W: 273 mm D: 597 mm | 16.6 kg |

Drive Rolls and Wire Guides

Drive roll kits include four drive rolls and necessary guides.

| Wire Size | V-Grooved Kit | V-Knurled Kit | V-Grooved Drive Roll Only | Wire Guides | | U-Grooved Kit | U-Cogged Kit | Nylon Wire Guides | |
|---------------|---------------|---------------|---------------------------|-------------|--------------|---------------|--------------|-------------------|--------------|
| | | | | Inlet | Intermediate | | | Inlet | Intermediate |
| 0.6 mm | 087132 | — | — | 056192 | 056206 | — | — | — | — |
| 0.8 mm | 046780 | — | — | 056192 | 056206 | — | — | — | — |
| 0.8 / 1.0 mm | — | — | 203526 | 056193 | 056207 | — | — | 72000 | — |
| 0.9 mm | 046781 | 046792 | — | 056193 | 056207 | 044750 | — | — | — |
| 1.0 mm | 191917 | — | — | 056193 | 056207 | — | — | 53701 | — |
| 1.0 / 1.2 mm* | — | — | 189285* | 056193* | 056207* | — | — | 53706 | — |
| 1.2 mm | 046782 | 046793 | — | 056193 | 056207 | 046785 | 083319 | — | — |
| 1.3 / 1.4 mm | 046783 | 046794 | — | 056195 | 056209 | 046786 | 083320 | — | — |
| 1.6 mm | 046784 | 046795 | — | 056195 | 056209 | 046787 | 046800 | — | — |

*Supplied with ST-24w models.

Base selection of drive rolls upon the following recommended usages:

1. V-Grooved rolls for hard wire.
2. V-Knurled rolls for hard-shelled cored wires.
3. U-Grooved rolls for soft and soft-shelled cored wires.
4. U-Cogged rolls for extremely soft-shelled wires (usually hard surfacing types).

Ordering Information

| System Component | Stock No. | Description | Qty. | Price |
|-------------------------------------|--|--------------------------------------|------|-------|
| ST-24w | 059007023 | | | |
| Accessories | | | | |
| Lift Hook | 058435 | To suspend feeder above work area | | |
| Spool Cover | 956007001 | | | |
| Swivel | 146236 | | | |
| Spool Adaptor | 95160000 | For K300 spools | | |
| Wheel Kit | 028041046 | | | |
| Water-Cooled Interconnecting Cables | 058019270 058019271 058019272 058019273 058019274 | 2.5 m 5 m 10 m 15 m 20 m | | |
| Air-Cooled Interconnecting Cables | 058019275 058019276 058019277 058019278 058019279 | 2.5 m 5 m 10 m 15 m 20 m | | |

Date:

Total Quoted Price:

Miller recommends  consumables

Distributed by:

