

# ST-24wD

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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

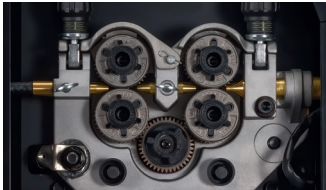
1.3 - 20 m/min

### 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.

**Voltage and wire feed speed settings** for easy and accurate control of welding parameters.

**Dual digital meters** display clear, precise readings of arc voltage, wire feed speed and/or amperage. Can be set to hold last reading.

**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 cc/cv
- XMT® 350 / 450 MPa (non synergic pulse settings)
- XPS 350 / 450
- Dimension™ 650
- Engine driven: Big Blue®



Warranted for three years, parts and labour.



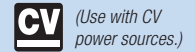
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## Specifications



| Input Power              | IP Rating | Wire Feed Speed | Electrode Wire Diameter Capacity | Spool Size Capacity       | Dimensions                          | Net Weight |
|--------------------------|-----------|-----------------|----------------------------------|---------------------------|-------------------------------------|------------|
| 24 VAC, 4 A,<br>50/60 Hz | IP23      | 1.3 – 20 m/min  | 0.6 – 1.6 mm                     | 200 / 300 mm<br>50 mm hub | H: 279 mm<br>W: 273 mm<br>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       | —             | —            | —                 | —            |
| 0.9 mm        | 046781        | 046792        | —                         | 056193      | 056207       | 044750        | —            | 058854            | 058853       |
| 1.0 mm        | 191917        | —             | —                         | 056193      | 056207       | —             | —            | —                 | —            |
| 1.0 / 1.2 mm* | —             | —             | 189285*                   | 056193*     | 056207*      | —             | —            | —                 | —            |
| 1.2 mm        | 046782        | 046793        | —                         | 056193      | 056207       | 046785        | 083319       | 058854            | 058853       |
| 1.3 / 1.4 mm  | 046783        | 046794        | —                         | 056195      | 056209       | 046786        | 083320       | 058836            | 058837       |
| 1.6 mm        | 046784        | 046795        | —                         | 056195      | 056209       | 046787        | 046800       | 058836            | 058837       |

\*Supplied with ST-24wD 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-24wD                             | <b>059007024</b>   |                                      |      |       |
| <b>Accessories</b>                  |  |                                      |      |       |
| Lift Hook                           | <b>058435</b>  | To suspend feeder above work area    |      |       |
| Spool Cover                         | <b>956007001</b>   |                                      |      |       |
| Swivel                              | <b>146236</b>  |                                      |      |       |
| Spool Adaptor                       | <b>95160000</b>  | For K 300 spools                     |      |       |
| Wheel Kit                           | <b>028041046</b>   |                                      |      |       |
| Water-Cooled Interconnecting Cables | <b>058019260</b><br><b>058019261</b><br><b>058019262</b><br><b>058019263</b><br><b>058019264</b> | 2.5 m<br>5 m<br>10 m<br>15 m<br>20 m |      |       |
| Air-Cooled Interconnecting Cables   | <b>058019265</b><br><b>058019266</b><br><b>058019267</b><br><b>058019268</b><br><b>058019269</b> | 2.5 m<br>5 m<br>10 m<br>15 m<br>20 m |      |       |

Date:

Total Quoted Price:

Miller recommends  consumables

Distributed by:

