

# 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

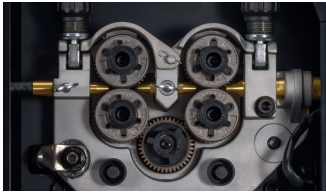
1.3 - 20 m/min

### 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.

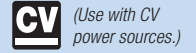


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## Specifications



Input Power	IP Rating	Wire Feed Speed	Electrode Wire Diameter Capacity	Spool Size Capacity	Dimensions	Net Weight
24 VAC, 4 A, 50/60 Hz	IP23	1.3 – 20 m/min	0.6 – 1.6 mm	200 / 300 mm 50 mm 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	—	—	—	—
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> <b>058019261</b> <b>058019262</b> <b>058019263</b> <b>058019264</b>	2.5 m 5 m 10 m 15 m 20 m		
Air-Cooled Interconnecting Cables	<b>058019265</b> <b>058019266</b> <b>058019267</b> <b>058019268</b> <b>058019269</b>	2.5 m 5 m 10 m 15 m 20 m		

Date:

Total Quoted Price:

Miller recommends  consumables

Distributed by:



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The Power of Blue®