

# 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

17 kg



A robust four wheel drive mechanism which lasts in the toughest conditions and a wire speed range from 1.3-20 meters per minute.

### Miller robustness.

Tested and approved for heavy duty welding under the toughest conditions. Miller goes to extreme measures to ensure trouble free welding in any environment.



**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
- XMT® 650 ArcReach®
- Engine driven: Big Blue®



Warranted for three years, parts and labour.



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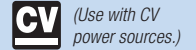
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## Specifications



Input Power	IP Rating	Wire Feed Speed	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	Max Spool weight: 27 kg (60 lb)	H: 279 mm W: 273 mm D: 597 mm	17 kg

## Drive Rolls (∅ 37 mm)

### Drive Rolls for Steel

Groove	Type	Stock No.	Quantity
0.6 - 0.8 mm	Pressure roll	<b>7700000011</b>	x2
	Feed roll	<b>7700000016</b>	x2
0.8 - 1.0 mm	Pressure roll	<b>7700000012</b>	x2
	Feed roll	<b>7700000017</b>	x2
0.9 - 1.1 mm	Pressure roll	<b>7700000013</b>	x2
	Feed roll	<b>7700000018</b>	x2
1.0 - 1.2 mm	Pressure roll	<b>7700000014</b>	x2
	Feed roll	<b>7700000019</b>	x2
1.2 - 1.6 mm	Pressure roll	<b>7700000015</b>	x2
	Feed roll	<b>7700000020</b>	x2

### Drive Rolls for Aluminium

Groove	Type	Stock No.	Quantity
0.8 - 1.0 mm	Drive Rolls	<b>7700000021</b>	x4
1.0 - 1.2 mm	Drive Rolls	<b>7700000022</b>	x4
1.2 - 1.6 mm	Drive Rolls	<b>7700000023</b>	x4

### Drive Rolls for Flux Core

Groove	Type	Stock No.	Quantity
1.2 - 1.6 mm	Drive Rolls	<b>7700000024</b>	x4

\*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	3800000004	New Generation of ST-24 equipped with standard 1.0/1.2 drive rolls.		
<b>Accessories</b>				
Lift Hook	058435	To suspend feeder above work area		
Spool Cover	956007001			
Swivel	146236			
Spool Adaptor	95160000	For K 300 spools		
Wheel Kit	028041046			
Water-Cooled Interconnecting Cables	058019260	2.5 m		
	058019261	5 m		
	058019262	10 m		
	058019263	15 m		
	058019264	20 m		
Air-Cooled Interconnecting Cables	058019265	2.5 m		
	058019266	5 m		
	058019267	10 m		
	058019268	15 m		
	058019269	20 m		

Date:

Total Quoted Price:

Miller recommends *Elga* consumables

Distributed by:

