

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

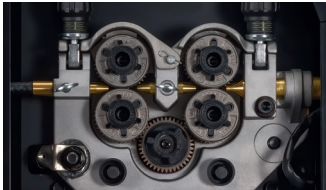
1.3 - 20 m/min

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



Warranted for three years, parts and labour.



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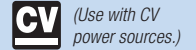
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Specifications



Input Power	IP Rating	Wire Feed Speed	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	—	—	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 K 300 spools		
Wheel Kit	028041046			
Water-Cooled Interconnecting Cables	058019260 058019261 058019262 058019263 058019264	2.5 m 5 m 10 m 15 m 20 m		
Air-Cooled Interconnecting Cables	058019265 058019266 058019267 058019268 058019269	2.5 m 5 m 10 m 15 m 20 m		

Date:

Total Quoted Price:

Miller recommends  consumables

Distributed by:

