

ST 44[®] Series

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**Constant-Speed
Wire Feeder** 

Quick Specs



Industrial Applications
Maintenance Repair
Structural steels
Ship Building & Repair
Commercial trailer
Manufacturing

Process
MIG (GMAW)
Flux Cored (FCAW)

Input Power 24VAC, 3 Amp, 50/60Hz

Wire Diameter Capacity 0.6-2.0mmØ

Wire speed range 0-20m/min

Weight (Net) ST 44 Series: 17-19 Kg

The Power of Blue.[®]

Consumable compartment, provides storage space for contact tips, gas diffusers and nozzles.



*Remote voltage control

Enables precise remote operation of the welding power source arc voltage.**

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

Quick change, no-tools required dual groove, reversible drive rolls. Large diameter design (41mm) provides smooth, positive & accurate wire feeding with long uninterrupted service life.



Industrial 4roll gear-driven cast aluminium drive system & heavy-duty motor provides wire speeds ranging from 0-20m/min. Available with **Euro style or US Style torch connections** offering exceptional feed performance & reliability.



Comes complete with:

- In-built water-cooling unit
- Industrial power cord (without plug)
- Work cable & clamp
- Factory-installed running gear
- 1.0/1.2mm drive rolls

Standard 14 Pin connection to Miller power sources

Connects the ST 44 Series to any Miller CV power source with a 14 pin receptacle.

2T/4T Latching gun trigger

Allows the operator to weld for extended periods, without having to maintain pressure on the gun trigger.

***Dual digital meters** displays clear, precise readings of arc voltage & wire speed. Can be set to hold last reading.

Quick connect water cooling fittings Easy hook up for water-cooled torches, no tools required!

Precise control of gas flow with the built-in ***Gas flow meter** ensuring the correct gas flow rate is achieved and maintained.



Adjustable Run-In & Burn-Back control allows the operator to set the optimum arc starts & stops, reducing wire stubbing, arc flaring or wire burning-back to the contact tip.



Wire Feeder is warranted for 3 years, parts & labour.

* Optional on certain models

** Requires a Miller power source capable of remote voltage control



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Specifications (Subject to change without notice)

CV (Use with CV Power Sources.)

Input Power	Electrode Wire Diameter Capacity	Wire Speed	Dimensions	Net Weight
24 VAC, 3A, 50/60Hz	0.6-2.0 mm (.23-5/64 in)	0/20m/min (0-790 IPM)	H: 420mm (16.5in) W: 220mm (8.65in) L: 650mm (25.5in)	18Kg (40lb) Basic 20Kg (44lb) Digital

Drive Rolls & Wire Guides

Wire Size	"V" Groove Kit	"V" Knurled Kit	Drive Roll Only	Wire Guides Inlet	Wire Guides Intermediate	"U" Groove Kit	"U" Cogged Kit	Nylon Wire Guides Inlet	Nylon Wire Guides Intermediate
0.6mm	087 132			056 192	056 206				
0.8 mm	046 780			056 192	056 206				
0.8/1.0mm			203 526	056 193	056 207				
0.9mm	046 781	046 792		056 193	056 207	044 750		058 854	058 853
1.0/1.2mm*			189 285	056 193	056 207				
1.2mm	046 782	046 793		056 193	056 207	046 785	083 319	058 854	058 853
1.3/1.4mm	046 783	046 794		056 195	056 209	046 786	083 320	058 836	058 837
1.6mm	046 784	046 795		056 195	056 209	046 787	046 800	058 836	058 837
2.0mm		046 796		056 195	056 209	046 788	046 801	058 845	058 841

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
ST 44	029007406	4 roll drive enclosed wire feed unit		
ST 44 D	029007404	As above but with digital Meters, RVC & water connections		
Accessories				
Drive Roll Kit		See Drive Roll Kits table above		
Remote Voltage Control**	028066235	RVC, Remote Voltage Control (Field Kit)		
Water Connection**	028066236	Quick Connect Water fitting Kit (Field Kit)		
Digital Meter Kit**	028066237	Digital meters (Field Kit)		
Gas Flow-meter Kit**	028066238	Gas Flow-meter (Field Kit)		
Running Gear	028041048	Undercarriage & wheels for ST 44 series		
Rotating Support	018056004	Swivel base for mounting onto Blu-Pak, Infinity, Deltaweld & Dimension		
Rotating Support	057094042	Swivel base for mounting onto Invercart running gear		
Remote Control Pendant	028040193	Remote voltage & Wire speed control pendant		
Interconnecting cable	058019028	3mtr " Air cooled" interconnecting cable		
Interconnecting cable	058019044	5mtr " Air cooled" interconnecting cable		
Interconnecting cable***	058019032	3mtr "Water cooled" Interconnecting cable		
Interconnecting cable***	058019033	5mtr "Water cooled" Interconnecting cable		

* Supplied ** Factory Installed Option Available ***requires optional water cooling unit

Total Price Quoted:



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