

Ex-S wire feeder

Quick Specs



Industrial Applications

General fabrication
Trailer manufacturers
Shipyards
Manufacturing

Processes

MIG (GMAW)
Flux-cored (FCAW)
Metal-cored (MCAW)

Input Power

Intellx Ex-S: 50VDC
MigMatic Ex-S: 42 VAC

Wire Feed Speed

1.3 - 20 m/min

Wire Diameter Capacity

0.6 - 1.6 mm

Net Weight

12,7 kg

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.

IC – Strain relief

A robust solution to last the toughest environments with a quick closure bar to attach and disconnect the IC within seconds. The robust fixture takes away all stress from the connections to prevent them from breaking. All connections are quick connects to enable an attachment of the IC without any tools.

Handling flexibility

The wire feeder is delivered with two incorporated handles (one certified for crane) and a third lifting point for optimal portability. Standard rails on the bottom of the feeder enable safe transport through any environment. If the feeder needs to be completely mobile, a wheel kit can be added.



Intellx Ex-S

MigMatic Ex-S

Reach

The lightweight design of the wire feeder enables a large work area. Easy to move from one spot to another using the 30m IC cables.

Gas Flow meter

Built in optional gas flow meter.

Wire Protection

The fully enclosed wire feeder protects the wire from any external impacts.

Size

With less than 400mm the new wire feeder Ex-S defines the word compact new. It is designed to reach the most difficult areas.

Durability

The new fully enclosed Ex-S can tackle the toughest environments and has been designed for and is designed for adverse conditions. Protective stripes have been incorporated into the design of the side panels to protect the feeder when lying on the side.

Portability First

Smallest fully enclosed solution in its class, optimized for field use. Innovative strain relief for IC cables.

Ease of Use & Serviceability

Quick service access, quick connections, angled UI, and integrated front/top/rear handles.

Compatible with following power sources:

- Deltaweld 350/500
- XMT 400
- MigMatic S400i / MP S400iP / S500i / MP S500iP



Warranted for three years, parts and labour.



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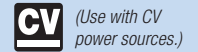
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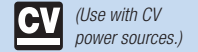
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Specifications Intellx Ex-S



Input Power	Welding Power Source Type	Wire Feed Speed	Wire Diameter Range	Welding Circuit Rating	Dimensions	Net Weight
50 VDC	Deltaweld 350 Deltaweld 500 XMT 400	1.3 – 19.8 m/min	0.6 – 2 mm	113 Volts DC 600 Amperes, 60% Duty Cycle	H: 395 mm W: 250 mm L: 600 mm	12.7 kg

Specifications MigMatic Ex-S



Input Power	Welding Power Source Type	Wire Feed Speed	Wire Diameter Range	Welding Circuit Rating	Dimensions	Net Weight
42 Volts AC Single Phase 2 Amps 50/60 Hz	MigMatic MP400iP MigMatic S400iP** MigMatic S400i** MigMatic S500i**	1.5 – 20 m/min	0.6 – 1.8 mm Max Spool Weight: 15 kg	39 Volts, 500 Amperes, 60% Duty Cycle	H: 395 mm W: 250 mm L: 600 mm	12.7 kg

*Some functions and program availability depend on the version and type of welding power source.

**With software version 2.00 or higher.

Drive Rolls (ø 37 mm)

Drive Rolls for Steel

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

Drive Rolls for Aluminium

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

Drive Rolls for Flux Core

Groove	Type	Stock No.	Quantity
1.2 - 1.6 mm	Drive Rolls	7700000024	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
Feeder	3800000006	Intellx Ex-S		
	3800000007	MigMatic Ex-S		
	3800000009	Intellx Ex-S with gas regulator		
	3800000010	MigMatic Ex-S with gas regulator		
Interconnection cable				
IC XMT - Ex-S	7400000057	IC, AIR COOLED, XMT 400 Intellx Ex-S, 3M		
	7400000058	IC, AIR COOLED, XMT 400 Intellx Ex-S, 5M		
	7400000059	IC, AIR COOLED, XMT 400 Intellx Ex-S, 8M		
	7400000060	IC, AIR COOLED, XMT 400 Intellx Ex-S, 15M		
	7400000061	IC, AIR COOLED, XMT 400 Intellx Ex-S, 23M		
	7400000062	IC, WATER COOLED, XMT 400 Intellx Ex-S, 3M		
	7400000063	IC, WATER COOLED, XMT 400 Intellx Ex-S, 5M		
	7400000064	IC, WATER COOLED, XMT 400 Intellx Ex-S, 8M		
	7400000065	IC, WATER COOLED, XMT 400 Intellx Ex-S, 15M		
	7400000066	IC, WATER COOLED, XMT 400 Intellx Ex-S, 23M		
IC DW - Ex-S	7400000033	IC, AIR COOLED, Deltaweld Intellx Ex-S, 3M		
	7400000034	IC, AIR COOLED, DeltaWeld Intellx Ex-S, 5M		
	7400000035	IC, AIR COOLED, DeltaWeld Intellx Ex-S, 8M		
	7400000036	IC, AIR COOLED, DeltaWeld Intellx Ex-S, 15M		
	7400000037	IC, AIR COOLED, DeltaWeld Intellx Ex-S, 25M		
	7400000038	IC, WATER COOLED, DeltaWeld Intellx Ex-S, 3M		
	7400000039	IC, WATER COOLED, DeltaWeld Intellx Ex-S, 5M		
	7400000040	IC, WATER COOLED, DeltaWeld Intellx Ex-S, 8M		
	7400000041	IC, WATER COOLED, DeltaWeld Intellx Ex-S, 15M		
	7400000042	IC, WATER COOLED, DeltaWeld Intellx Ex-S, 25M		
IC MM - Ex-S	7400000043	IC, AIR COOLED, MigMatic Ex-S, 2,5M		
	7400000044	IC, AIR COOLED, MigMatic Ex-S, 5M		
	7400000045	IC, AIR COOLED, MigMatic Ex-S, 10M		
	7400000046	IC, AIR COOLED, MigMatic Ex-S, 15M		
	7400000047	IC, AIR COOLED, MigMatic Ex-S, 20M		
	7400000049	IC, AIR COOLED, MigMatic Ex-S, 30M		
	7400000050	IC, WATER COOLED, MigMatic Ex-S, 2,5M		
	7400000051	IC, WATER COOLED, MigMatic Ex-S, 5M		
	7400000052	IC, WATER COOLED, MigMatic Ex-S, 10M		
	7400000053	IC, WATER COOLED, MigMatic Ex-S, 15M		
7400000054	IC, WATER COOLED, MigMatic Ex-S, 20M			
7400000056	IC, WATER COOLED, MigMatic Ex-S, 30M			
Accessories				
Wheel Kit Ex-S	7600000017			
Swivel Deltaweld 350 - Intellx Ex-S	7600000020			
Swivel Deltaweld 500 - Intellx Ex-S	7600000021			
Feeder rotation support (needed for XMT 400 with running gear 1 and cooler setup)	156012180			
Flowmeter Assembly	7700000033			

Date:

Total Quoted Price:

Miller recommends  consumables

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