

Mig 4HD and Mig 4HD Dual

- These wire feeders come complete with internal gas solenoid, 8 ft. control cable, 9-1/2 ft. gas hose with fittings, .035/.045 in. drive rolls, and guide tube
- Compact, well balanced design suitable for stationary or portable applications. Mig 4HD weighs 29 lbs.
- Designed with safety in mind:
 - low voltage (42 vac) operation
 - low voltage (12 vac) torch switch
 - wire drive located behind hinged door
 - overload protection circuit
- Electronic Dynamic Braking for regulated stops
- Quality manufacturing system certified to ISO 9002
- Three-year warranty

Mig 4HD - P/N 34154

- Provides excellent Mig welding performance
- 4-roll drive is standard. Two .035/.045 in. dual groove drive rolls and two pressure rolls are included. Can also be used as a 2-roll drive feeder
- 50-750 ipm wire feed speed range standard
- Gas purge switch, cold wire inch switch (jog), and remote power source voltage control are standard
- Options available: Dual Schedule Kit, Spot/Burnback/Pre-Postflow/Trigger-lock Module, Digital Meter Module (with wire feed preset feature), Burnback

Mig 4HD Dual Wire Feeder - P/N 37544

- Dual schedule for each side is standard
- 4 wire feed speed potentiometers
- 4 voltage control potentiometers
- Right/Left side "Active" lights
- Push-Pull torch ready on left side



Mig 4HD
Shown with optional digital meter kit



Mig 4HD Dual
Shown with optional digital meter kit and water kits

Instruction Manuals

Mig 4HD	F-15-142
Mig 4HD Dual	F-15-483
Sales Literature	(12-01-2006) ARC-23046



Option Modules & Kits

Burnback Kit (Mig 4HD)	37526
Spot/Burnback/Pre-Postflow/Trigger-Lock Modules Easy-to-install kits permit the operator to set times for spot welding (0-5 sec), wire burnback (0-0.6 sec), gas preflow (0-5 sec), and gas postflow (0-7.5 sec). These modules also include trigger lock, which allows the welder to make long welds without continuously depressing the torch trigger.	
For Mig 4HD	34182
For Mig 4HD Dual	37799
Slow Run-In, Pre/Post Flow Kit (Mig 4 HD only)	37837
Digital Meter w/Preset Module Easy-to-install kit provides a digital display of wire feed speed (set ipm or m/min) and voltage. This option also enables the welder to preset wire feed speed and power source voltage (OCV)	34180
Dual Schedule Kit w/Remote Receptacle (Mig 4HD only) Easy-to-install kit includes controls for setting a second set of welding conditions (wire feed speed and voltage). The welder can select Schedule A or Schedule B on a switch (provided with kit) located on the front panel of wire feeder or select remotely using an optional Remote Pendant Control or use an optional torch-mounted Remote Schedule Selector Switch	34181
Remote Pendant Control (Mig 4HD only) - (Requires Dual Schedule Kit) Provides a third schedule with remote control of wire feed speed and power source voltage. Schedule selection (A, B or C) switch included, 25 ft.	34328
Remote Schedule Selector Switch (Mig 4HD only) (Requires Dual Schedule Kit) Torch-mounted, two position remote schedule selection switch (A or B), 25 ft.	34329
Push-Pull Torch Control Kit (Mig 4HD only) - Easy-to-install kit allows the use of Mig-41 or Mig-41A Push-Pull Torches. Use 2 pole plug on front of Mig 4HD	34327
Dual Wire Feeder Adaptor - Enables the use of two Mig 4HD's with one power source such as ESAB 353cv, 453cv, Multipower 460, 653cvcc, 350mpi or SVI 450i	000444

Water Kits - Convenient way of using water-cooled Torches. Kit consists of inlet/outlet fittings, mounting Hardware, quick action connectors for the torch and 8 ft. (2.4 m) water hoses with "B" size water fittings.	
For Mig 4HD only (MIG-41 Gun)	34325
For Mig 4HD Dual only	37801
Fem. QC Water Hose for MIG-41, 1 ft. (0.3 m)	19089
Power Source to Control Extension Cables (8 ft. control cable is standard)	
30 ft. (9.1 m) extension cable	34378
60 ft. (18.3 m) extension cable	34377
Drive Rolls & Guide Tubes	see chart below

Accessories

All accessories listed below are used with Mig 4HD only.

Swivel Post - Installs onto power sources such as ESAB 353cv, 453cv, Multipower 460 or 653cvcc and allows the wire feeder to swivel freely on post	36172
Swivel Post w/Mounting Bracket - Attaches to Inverter Cart (P/N 31700) or other flat mounting surface and allows the wire feeder to swivel freely on the post	34075
Wire Reel Adaptor - Use with 60 or 65 lb. (27 or 30 kg) coils ..	34323
Spool Spacer - For adapting 10 in. (25.4 cm) spools	34330
Spool Cover Kit - Includes clear cover and mounting hardware (not for use with coils)	34326
Wire Feeder Wheel Cart - Cart makes it easy to roll wire feeder around the job site. Cart is 5-7/8 in. (15 cm) high and includes base, front swivel caster wheels, rear caster wheels and mounting hardware	34324
Boom Hanging Bracket Kit - includes hardware	34321
Carrying Handle Kit - includes hardware	34320
Counterbalance Mini-Boom - Reduces wire feeding problems caused by sharp bends in torch conduits or cables by keeping torch cables off the floor. Includes boom and mounting hardware. (Swivel Post - P/N 36172 is required)	34322

Wire Feeders

Specifications

Model	Wire Speed Range in.	Wire Dia. Range in.	Primary Voltage vac	Current amps	Net. Weight lbs.	Shipping Weight lbs.	Dimensions L x W x H in.
4HD	50-750	.023 - 5/64 in.	42 vac	8 amps	29	40	21 x 9 x 9.25
4HD Dual	50-750	.023 - 5/64 in.	42 vac	8 amps	58	67	14 x 22 x 14

Drive Rolls and Guide Tubes for: Mig 4HD

Wire Diameter	Type	Drive Roll	Qty.	Outlet Guide	Qty.	Center Guide	Qty.	Inlet Guide	Qty.
.023 in. (0.6mm)	V-Solid	21155	2	21163	1	34612	1	34615	1
.030 in. (0.8mm)	V-Solid	21155	2	21164	1	34612	1	34615	1
.035 in. (0.9mm)**	V-Solid**	21156**	2	21165**	1	34612**	1	34615**	1
.045 in. (1.2mm)**	V-Solid**	21156**	2	21165**	1	34612**	1	34615**	1
.052 in. (1.4mm)	V-Solid	21157	2	21166	1	34613	1	34616	1
1/16 in. (1.6mm)	V-Solid	21157	2	21166	1	34613	1	34616	1
.030 in. (0.8mm)	K-Cored	21160	2	21164	1	34612	1	34615	1
.035 in. (0.9mm)	K-Cored	21160	2	21165	1	34612	1	34615	1
.045 in. (1.2mm)	K-Cored	21161	2	21165	1	34612	1	34615	1
.052 in. (1.4mm)	K-Cored	21161	2	21166	1	34612	1	34615	1
1/16 in. (1.6mm)	K-Cored	21161	2	21166	1	34613	1	34616	1
5/64 in. (2.0mm)	K-Cored	21162	2	21166	1	34613	1	34616	1
.035 in. (0.9mm)	U-Soft	21158	2	21167*	1	34612	1	34615	1
3/64 in. (1.2mm)	U-Soft	21158	2	21168*	1	34612	1	34615	1
1/16 in. (1.6mm)	U-Soft	21159	2	Not Required	1	34613	1	34616	1

* Requires support tube 21169. ** As delivered.