

MobileMaster IVcvc

- Arc voltage feeder capable of use with CC or CV units Automatic, no switch required
- Available with “NAS” or “CC” torch connection
- 4 roll drive unit
- All units include secondary contactor
- Built for harsh environments such as construction sites, pipe lines, shipyards, offshore, general fabrication, mobile welding rigs and more
- Totally enclosed, impact-resistant case protects welding wire from dirt, metal grit, moisture and other contaminants - a unique “rain gutter” door design keeps water from dripping into the wire compartment
- Metal reinforced, flame retardant, molded composite plastic case will stand extreme abuse like hot slag, grinding sparks, corrosive chemicals, knocks, bumps, drops and more
- Operates with reverse polarity (wire DC +) or straight polarity (wire DC-)
- Permanent magnet drive motor with PWM drive, solid state control - provides powerful, dependable wire feeding and controlled wire acceleration for smooth arc starts and chatterfree operation
- Electronic Dynamic Braking
- Safety features include insulated case, low voltage torch trigger circuit and overload protection
- Designed to meet the most rigid standards. CSA certified for USA and Canadian requirements. Meets IEC-974-1 specifications.
- Three-year-warranty



MobileMaster IV

Ordering Information

Each MobileMaster wire feeder includes gas solenoid and .045-1/16 in. (1.2-1.6 mm) dual groove serrated feed rolls.

MobileMaster IV,CC	0558001333
MobileMaster IV, NAS	0558001334
MobileMaster IV, CC w/Meters	0558001802
MobileMaster IV, NAS w/Meters	0558001801

Specifications

MobileMaster IV

Wire Speed Range*	50 - 700 ipm (1.3 - 17.8 m/min)
* actual speed range will depend on the arc voltage	
Wire Diameter Capacity023 - 5/64 in. (0.8 - 2.0 mm)
Primary Input** (open circuit voltage or arc voltage)	
Minimum.....	16 vdc
Maximum.....	100 vdc (113v peak)
** not for use with AC power	
Weight	30 lbs (13 kg)
Euro Gun to Tweco Conn & 4	0558002622

Common to MobileMaster IV

Standard - 2-in (5.1 cm) ID spindle hub
8 in. O.D. (20.3 cm) spools - require adaptor P/N 17511
10 in. O.D. (25.4 cm) spools - require adaptor P/N 34330
12 in. O.D. (30.5 cm) spools - no adaptor required

Physical Dimensions

W x H x L 9.5 in. (24.1 cm) x 14.0 in. (35.6 cm) x 26.9 in. (68.3 cm)
MobileMaster feeders will fit through 16 in. (41 cm) diameter hole

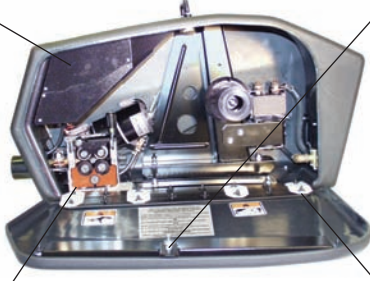
Accessories

Options, Drive Rolls & Guide Tubessee next page

Instruction Manual	F15-610
Sales Literature	(12-01-2006) ARC-23087

Optional control kits are available for the MobileMaster

Door latch, hinge and recessed fold-down top handle



Wire drive system uses dual groove feed rolls and gear-driven pressure roll for maximum feeding force

Shock mounts and a flexible base provide "give" to the case enabling the wire feeder to survive a drop, even fully loaded

Controls are located on a recessed front panel to protect dials and switches

"Rain Gutter" around door keeps water from getting inside feeder

Optional Digital Meter (see Accessories for details)

Built-in, insulated gun holder



Unique rear handle makes it easy to maneuver feeders into tight spots

Voltage pickup cable is included with MobileMaster IVcvcc

Built-in, insulated quick connector - no extra gas hoses or switch cables hanging from the feeder

Optional Accessories

Gas Flowmeter Kit - Includes an adjustable flowmeter with mounting hardware and protective guard that attaches to rear of MobileMaster feeders. Flow tube is calibrated in cubic feet per hour and liters per min.
For CO₂ shielding gas, order 37365
For Argon shielding gas mixtures, order 36658

Digital Meter Kit - This kit provides a digital display of voltage and wire feed speed (ipm or m/min)..... 23540446

Gas Pre/Postflow w/Burnback Kit - This kit provides adjustment for shielding gas preflow time (sec) and postflow time (sec). Adjustable burnback stops the wire feed before the arc is stopped and keeps the wire from sticking to the weld puddle..... 36661

Burnback Control Kit - Adjustable burnback stops the wire feed before the arc is stopped 36657

Contactors Replacement 13735590

Spool Adaptor - Use for adapting to 8 in. (20.3 cm) diameter spools..... 17511

Spool Adaptor - Use for adapting to 10 in. (25.4 cm) diameter spools..... 34330

Drive Rolls and Guide Tubes for: MobileMaster IV

Wire Diameter	Desc.	Roll	Qty	Guide Tube			Center		Inlet Guide	Qty
				NAS	EURO	Qty	Guide	Qty		
.023 in. (0.8 mm)	V-Solid	21155	2	0558001499	0558001077	1	0558001757	1	0558001758	1
.030 in. (0.8 mm)	V-Solid	21155	2	0558001499	0558001077	1	0558001757	1	0558001758	1
.035 in. (0.8 mm)	V-Solid	21156	2	0558001498	0558001078	1	0558001757	1	0558001758	1
.045 in. (1.2 mm)	V-Solid	21156	2	0558001498	0558001078	1	0558001757	1	0558001758	1
.052 in. (1.4 mm)	V-Solid	21157	2	0558001497	0558001079	1	0558001757	1	0558001758	1
.062 in. (1.6 mm)	V-Solid	21157	2	0558001497	0558001079	1	0558001757	1	0558001758	1
.030 in. (0.8 mm)	K-Cored	21160	2	0558001499	0558001077	1	0558001757	1	0558001758	1
.035 in. (0.9 mm)	K-Cored	21160	2	0558001498	0558001078	1	0558001757	1	0558001758	1
.045 in. (1.2 mm)*	K-Cored	21161*	2	0558001497*	0558001079*	1	0558001757*	1	0558001758*	1
.052 in. (1.4 mm)*	K-Cored	21161*	2	0558001497*	0558001079*	1	0558001757*	1	0558001758*	1
1/16 in. (1.6 mm)*	K-Cored	21161*	2	0558001497*	0558001079*	1	0558001757*	1	0558001758*	1
5/64 in. (2.0 mm)	K-Cored	21162	2	0558001497	0558001079	1	0558001757	1	0558001758	1
3/64 in. (1.2 mm)	U-Soft	21159	2	0558001904	0558001898	1	0558001895	1	0558001758	1
1/16 in. (1.6 mm)	U-Soft	21159	2	0558001904	0558001898	1	0558001895	1	0558001758	1

*As delivered