

MobileFeed 300Avs

- Arc voltage feeder for use with DC, CC or CV power supplies with straight (DC-) or reverse (DC+) polarity operation - no switches to set
- Ideal for harsh environments such as construction sites, pipe lines, shipyards, offshore, general fabrication, mobile welding rigs and more
- For use with 8" or 12" wire spools for enhanced portability, smaller size and reduced weight
- Enclosed, super impact-resistant case protects against dirt, metal grit, and moisture as well as extreme abuse, from grinding sparks, corrosive chemicals, knocks, bumps, drops and more
- 'CC' Euro torch connection for ultra fast setup - no external gas hose or trigger wire
- Heavy duty 4 roll feed unit with PWM drive provides powerful, dependable wire feeding with Automatic slow wire run-in and Electronic Dynamic Braking for overall improved operation
- Safety features include insulated case, secondary contactor, 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.



MobileFeed 300Avs

Wire Feeders

Ordering Information

Each MobileFeed wire feeder includes gas solenoid, contactor, and dual groove feed rolls.

MobileFeed 300Avs LC40 0558005729
 MobileFeed 300Avs LC40 Push/Pull 0558005745
 Includes .045 - 1/16 in. (1.2 - 1.6mm) serrated groove drive rolls and guide tube.

MobileFeed 300Avs OKC CE 0558005728
 MobileFeed 300Avs OKC CE Push/Pull 0558005832
 Includes .035 - .045 in. (0.9 - 1.2mm) V groove drive rolls and guide tube.

Note: 0558005729 & 0558005745 use LC40 type cable connector
 0558005728 & 0558005832 use OKC type cable connector

Accessories

Drive Rolls & Guide Tubes see Table on next page

50mm OKC Cable Connectors

OKC Female Cable Connector, 1/0-4/0 cable 13735631

OKC Male Cable Connector, 1/0-4/0 cable 13732513

LC40 Cable Connectors

LC40 Cable Connector Set (male & female), 1/0-3/0 81F25

LC40 Male Cable Connector, 1/0-3/0 81F26

LC40 Female Cable Connector, 1/0-3/0 81F27

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

Gas Meter (measures gas flow at the gun)..... 19043

Specifications

MobileFeed 300Avs

Wire Speed Range* 50 - 800 ipm (1.8 - 20.3 m/min)

* actual speed range will depend on the arc voltage

Wire Diameter Capacity023 - 5/64 in. (0.6 - 2.0 mm)

Wire Spool Capacity 12 in. x 44 lb.

Primary Input** (open circuit voltage or arc voltage)

Minimum 16.5 vdc

Maximum 100 vdc (113v peak)

Note - **not for use with AC power sources**

Physical Specifications

Weight 32 lbs (14.5 kg)

W" x H" x L" (mm) 8.6 (217) x 17.2 (437) x 20.7 (526)

MobileFeed 300Avs will fit through 18 in. (457 mm) dia. hole.

Instruction Manual 0558005921

Sales Literature (12-01-2006) ARC-23208

12" x 44lb. spool capacity for optimum weight vs. size for enhanced mobility

Captured spool lock - can't get lost

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

Four roll drive stand for maximum feeding force

Super tough case resists impact and abrasion

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

Sturdy door clasps and seal keeps water and debris from getting inside feeder

Fold down handle makes it easy to maneuver feeders into tight spots

Controls are located on a recessed front panel to protect dial and switch

Optional factory installed Push/Pull Control

Voltage pickup cable is included with MobileFeed 300avs

Drive Rolls and Guide Tubes for: MobileFeed 300avs

Wire Diameter	Desc.	Roll	Qty	Guide Tube		Center Guide		Inlet Guide	
				EURO	Qty		Qty		Qty
.023 in. (0.6 mm)	V-Solid	21155	2	0558001077	1	0558001757	1	0558001758	1
.030 in. (0.8 mm)	V-Solid	21155	2	0558001077	1	0558001757	1	0558001758	1
.035 in. (0.9 mm) +	V-Solid	21156+	2	0558001078+	1	0558001757+	1	0558001758+	1
.045 in. (1.2 mm) +	V-Solid	21156+	2	0558001078+	1	0558001757+	1	0558001758+	1
.052 in. (1.4 mm)	V-Solid	21157	2	0558001079	1	0558001757	1	0558001758	1
.062 in. (1.6 mm)	V-Solid	21157	2	0558001079	1	0558001757	1	0558001758	1
.030 in. (0.8 mm)	K-Cored	21160	2	0558001077	1	0558001757	1	0558001758	1
.035 in. (0.9 mm)	K-Cored	21160	2	0558001078	1	0558001757	1	0558001758	1
.045 in. (1.2 mm) *	K-Cored	21161*	2	0558001079*	1	0558001757*	1	0558001758*	1
.052 in. (1.4 mm) *	K-Cored	21161*	2	0558001079*	1	0558001757*	1	0558001758*	1
1/16 in. (1.6 mm) *	K-Cored	21161*	2	0558001079*	1	0558001757*	1	0558001758*	1
5/64 in. (2.0 mm)	K-Cored	21162	2	0558001079	1	0558001757	1	0558001758	1
3/64 in. (1.2 mm)	U-Soft	21159	2	0558001898	1	0558001895	1	0558001758	1
1/16 in. (1.6 mm)	U-Soft	21159	2	0558001898	1	0558001895	1	0558001758	1

* As delivered on 0558005729 and 0558005745

+ As delivered on 0558005728 and 0558005832

Note: Two lower drive rolls are required for four roll drive systems.

Use flat, smooth pressure roll(s) (P/N 2361 2397) supplied with wire feeder.