

MobileFeed 301AVS

A versatile voltage-sensing Wire feeder for use with any CV or CC welding power supply.



The MobileFeed 301AVS is a portable, durable wire feeder with the most advanced features to meet today's welding requirements. Built for the toughest welding conditions, the rugged case stands up to demanding work environments and provides optimal protection for internal components. The MobileFeed 301AVS is available with and without remote, with Tweco™ connection. The remote option is only available when used with the Warrior™ power supply.

- Quick-change, four-roll drive reduces downtime and provides consistent feeding results; rolls are easily changed from one wire size to another without the need for tools
- Sun-friendly display is easy to read outdoors and from a wide range of angles
- Digital meters for both Voltage and WFS ensure more arc time, are labor-saving and beneficial for critical welds using specific welding procedures
- Rugged case withstands the harshest environments, keeping downtime for repairs to a minimum; robustly designed rubber-mounted internals prevents damage caused by drops and impacts
- Remote control allows voltage to be adjusted away from the power supply, reducing setup time and enabling long welds in difficult-to-reach areas

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Industry

- Shipbuilding
- Barge building
- Construction
- Railcar
- Field Repair



MobileFeed 301AVS



Specifications

Permitted load:	400A @ 100% duty cycle 450A @ 60% duty cycle
Wire speed range, ipm (m/min)	50 - 750 ipm (1.3 – 19.0 m/min)
Wire diameter capacity, in. (mm)	.045 (1.2) - 1/16 (1.6) Knurled drive rolls as delivered Range .023 (0.6)- 5/64 (2.0)
Max. spool diameter, in. (mm)	12 (304.8)
Weight, lbs. (kg)	35 (15.9) without spool
Dimensions, LxWxH, in. (mm)	21x17x8 (534x435x207)
Enclosure class	IP23
Trigger Lock standard	
CV – CC switch	
Gas Purge standard	
Comes with Tweco™ gun connector	
Digital meters hold last condition for ten seconds after welding	
Tachometer feedback system on the wire feed speed (WFS) - you get what you set	
10 turn pot for accurate WFS setting	
Ramp-start function (less spatter on weld starts)	
Case lays flat when opened	

Ordering Information

Description	Part Number
MobileFeed 301 w/Meters-Rem V (Tweco)	0558101919
MobileFeed 301 w/o Meters (Tweco)	0558102195

Options & Accessories

Description	Part Number
OKC50 female cable connector, 1/0-4/0 cable (50 mm ²)	13735631
OKC50 male cable connector, 1/0-4/0 cable (50 mm ²)	13792513
Cable remote MF201/301, 25 ft. (7.5 m)	0558102197
Cable remote MF201/301, 49 ft. (15 m)	0558102198
Cable remote MF201/301, 98 ft. (30 m)	0558102199
Gas meter (measures gas flow at the gun)	19043
Spool adaptor for adapting to 8 in. (203 mm) diameter spools	0455410001

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Wear & Spare Parts - Tweco

Wire Diameter, in. (mm)	Description	Roll	Qty	Guide Tube	Qty	Center Guide	Qty	Inlet Guide	Qty
.023 (0.6)	V-Solid	21155	2	0558001499	1	0558001757	1	0558001758	1
.030 (0.8)	V-Solid	21155	2	0558001499	1	0558001757	1	0558001758	1
.035 (0.9)	V-Solid	21156	2	0558001498	1	0558001757	1	0558001758	1
.045 (1.2)	V-Solid	21156	2	0558001498	1	0558001757	1	0558001758	1
.052 (1.4)	V-Solid	21157	2	0558001497	1	0558001757	1	0558001758	1
1/16 (1.6)	V-Solid	21157	2	0558001497	1	0558001757	1	0558001758	1
.030 (0.8)	K-Cored	21160	2	0558001499	1	0558001757	1	0558001758	1
.035 (0.9)	K-Cored	21160	2	0558001498	1	0558001757	1	0558001758	1
.045 (1.2)	K-Cored	21161	2	0558001497	1	0558001757	1	0558001758	1
.052 (1.4)	K-Cored	21161	2	0558001497	1	0558001757	1	0558001758	1
1/16 (1.6)	K-Cored	21161	2	0558001497	1	0558001757	1	0558001758	1
5/64 (2.0)	K-Cored	21162	2	0558001497	1	0558001757	1	0558001758	1
3/64 (1.2)	U-Soft	21159	2	0558001904	1	0558001895	1	0558001758	1
1/16 (1.6)	U-Soft	21159	2	0558001904	1	0558001895	1	0558001758	1

Wear & Spare Parts - EURO (not applicable for current models; previous models only)

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

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

ABN 21 060 672 979

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