

# MobileFeed 301AVS

**A versatile voltage-sensing Wire Feeder for use with almost 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 remote voltage control and standard EURO connection. The remote voltage option is only available when used with the Warrior™ 400i / 500i power supplies.



### FEATURES AND BENEFITS

- 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 meter display is easy to read outdoors and from a wide range of angles.
- Digital meters for both Voltage and WFS enables quicker set-up time, labour-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 (Warrior 400i / 500i), reducing setup time and enabling long welds in difficult-to-reach areas.

### INDUSTRY SEGMENTS

- Shipbuilding
- Barge building
- Construction
- Railcar
- Repair & Maintenance
- Mining

### SPECIFICATIONS / TECHNICAL DATA

Duty Cycle	500A @ 60%, 400A @ 100%
Wirefeed Speed Range	1.3 - 19.0 m/min
Input Voltage Range	14 - 100 V DC
Spool Compatible	200 mm and 300 mm
Enclosure class	IP 23S
Wire Diameter Range	0.6 - 2.0 mm
Feed Rolls Fitted	1.2 / 1.3 - 1.6mm Flux Cored V Knurled
Compliant Standards	EN 60974-5; EN 60974-10
Weight	15 kg without spool
Dimensions	207mm (H) x 435mm (W) x 534mm (L)

### FEATURES

- Comes with Euro connection as standard
- Digital meters hold last condition for ten seconds after welding
- Tachometer feedback system on the Wirefeed Speed (WFS) - You get what you set
- 10 turn Wirefeed Speed Control provides precise WFS setting
- Ramp in-start function (reduces spatter on weld starts)
- Case lays flat when opened
- Trigger Lock (4T) standard
- Mode Switch for CV – CC welding power
- Gas Purge standard
- 3 m long Voltage pick-up (work lead)



### ORDERING INFORMATION

0558102222 MobileFeed 301AVS w/Digital Meters, Remote Voltage Control and Euro Connection

### ORDERING INFORMATION – WEAR AND SPARE PARTS

WIRE DIA. (mm)	WIRE TYPE	FEED ROLLS			INLET GUIDE		CENTER GUIDE		OUTLET GUIDE IN EURO	
		Description	Part No	QTY Req'd	Part No	QTY Req'd	Part No	QTY Req'd	Part No	QTY Req'd
0.6 / 0.8	Hard	Feed Roll 0.6-0.8 V Groove	7977729	2	0558001758	1	0558001757	1	0558001077	1
0.8 / 1.0	Hard	Feed Roll 0.8-1.0 V Groove	7977344	2	0558001758	1	0558001757	1	0558001078	1
0.9 / 1.2	Hard	Feed Roll 0.9-1.2 V Groove	7977703	2	0558001758	1	0558001757	1	0558001078	1
1.0 / 1.2	Hard	Feed Roll 1.0-1.2 V Groove	7977345	2	0558001758	1	0558001757	1	0558001078	1
1.2 / 1.6	Hard	Feed Roll 1.2-1.6 V Groove	7977346	2	0558001758	1	0558001757	1	0558001079	1
0.8 / 0.9	Flux Cored	Feed Roll 0.8-0.9 Flux Cored V Knurled	7977734	2	0558001758	1	0558001757	1	0558001078	1
^1.2 / 1.6	Flux Cored	Feed Roll 1.2-1.6 Flux Cored V Knurled	7977347	2	0558001758	1	0558001757	1	0558001079	1
1.4 / 1.6 / 2.0	Flux Cored	Feed Roll 1.2-2.0 Flux Cored V Knurled	7977372	2	0558001758	1	0558001757	1	0558001079	1
1.2 / 1.6	Soft	Feed Roll 1.2-1.6 U Groove	7977348	2	0558001758	1	0558001895	1	0558001898	1
Not Applicable	All Wires	Flat Pressure Roll suits Hard, Flux Cored, Soft	7977485	2						

Two lower drive rolls are required for four roll drive systems.  
 ^Fitted as Standard.

### ORDERING INFORMATION – ACCESSORIES

0160361881	OKC50 Connectors female cable connector, suits 50mm <sup>2</sup> cable
0160360881	OKC50 Connectors male cable connector, suits 50mm <sup>2</sup> cable
646760	Male & Female Cable Connector Set, 500 Amp (Mech Connect)
0558102197	Remote Cable MF 301AVS*, 7.5m
0558102198	Remote Cable MF 301AVS*, 15m
0558102199	Remote Cable MF 301AVS*, 30m
0465424880	Remote Outlet Kit
OTWX412/3545	Tweco Professional No.4 MIG Torch Euro 3.6m
OTWX415/3545	Tweco Professional No.4 MIG Torch Euro 4.5m
SE400X4M16	Tweco Professional Supra XT MIG Torch Euro 4m

**Note:** \*Remote Outlet Kit (0465424880) and Remote Cable required to utilise remote voltage function on Warrior 400i and 500i power sources.

The Mobilefeed 301AVS welding power connection cable does not come fitted with connector. See Ordering Information - Accessories for available optional connectors.

