

MobileFeed 300 AVS

Portable "Off the Arc" wire feeders

- Arc voltage feeder for use with DC, CC or CV power sources
- Operates with reverse polarity (wire DC+) or straight polarity (wire DC-)
- Designed for use with 300 mm (12") wire spools. A compact and highly portable unit
- Totally enclosed, super impact-resistant case protects welding wire from dirt, metal grit, moisture and other contaminants
- Built to withstand harsh environments such as construction sites, pipe lines, shipyards, offshore, general fabrication and mobile welding rigs
- Metal reinforced, flame retardant, moulded composite plastic case will withstand the extreme abuse often encountered in a typical industrial welding environment such as hot slag, grinding sparks, corrosive chemicals and general heavy handling. MobileFeed also has a four roll drive unit with tacho feed back for superior wire feeding
- Permanent magnet drive motor with PWM drive, the solid state control provides powerful, dependable wire feeding and controlled wire acceleration for smooth arc starts
- Electronic Dynamic Braking
- Automatic slow wire run-in for improved arc starts
- Safety features include insulated case, low voltage torch trigger circuit and overload protection
- Secondary contactor for increased operator safety
- The feeder is available with Ø30 mm feed rolls for all type of wires up to Ø1.6 mm and Ø2.0 mm for cored wire.

With safety in mind

Designed to meet the most rigid safety standard IEC 60974-5 (113 V dc peak) operations and overload protection to help eliminate breakdowns.

Protected controls

The controls are located on a recessed front panel to protect the potentiometer and switch.



Easy service and maintenance

The feeder mechanism is easy to access and all wear parts can be exchanged with relative ease. One single pressure device makes it easy to adjust the appropriate feeding pressure.

- **Arc voltage feeders** for DC, CC and CV power sources
- **Super tough case** resists impact and abrasion
- **Fold down handle** makes it easy to maneuver the feeder into tight spots
- **Sturdy door clasps** and seal keeps water and debris from getting inside the feeder
- **Voltage pickup cable** is included with MobileFeed
- **Captured Spool Lock** – prevents loss
- **Shock mounts and a flexible base** provide "give" to the case enabling the wire feeder to survive a drop, even fully loaded
- **OKC connector**- shortest possible connection
- **Digital meter**

Technical data

MobileFeed 300

Power supply , V dc (Open circuit voltage or arc voltage)	16.5 - 100
Wire spool capacity , kg	18
Max. spool diameter , mm	300
Wire feed speed , m/min (actual speed range will depend on the arc voltage)	1.3 - 20.3
Dimension (l x w x h), mm	526x217x437
Weight , kg	14.5
Temp. working range	-10 / +40
Enclosure class	IP 23
Wire dimensions:	
steel	0.8-1.6
stainless steel	0.8-1.6
cored wire	1.2-2.0

Accessories

Gas hose, D 11/5.5 mm	0190 315 102
Quick connector male	0365 803 010
Quick connector female	0365 803 002
Hose clip 10 - 16 mm	0252 900 403
Welding cable 50 mm ²	0262 613 606
Welding cable 70 mm ²	0262 613 603
OKC 70-95 mm ² cable connector, male	0160 360 882
OKC 70-95 mm ² cable connector, female	0160 361 882

Ordering information

Each MobileFeed includes gas solenoid and dual V-groove feed rolls for 1.0/1.2 mm

MobileFeed 300 AVS OKC CE 0558 005 728

Wear parts

Description	Wire diameter	Item no
Feed roll V-groove	0.8/1.0 mm	0369 557 002
Feed roll V-groove	1.0/1.2 mm	0369 557 003
Feed roll V-groove	1.2/1.2 mm	0369 557 010
Feed roll V-groove	1.4/1.6 mm	0369 557 013
Feed roll VK-groove	2.0 mm	0000 021 162
Pressure roll	Flat	0455 907 001
Guide tube	0.8 - 1.2 mm	0558 001 078
Guide tube	1.4 - 2.0 mm	0558 001 079
Centre guide	0.8 - 2.0 mm	0558 001 757
Inlet guide	All dimensions	0558 001 758

Bold = Standard deliveries



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