

FIERCELY TESTED.
JOBSITE READY



ROBUSTFEED AVS IS READY FOR ANY POWER
SOURCE OR ENGINE-DRIVEN WELDER.

ROBUST
FEED AVS

SUITCASES ARE NOT BUILT FOR WIRE FEEDING. **ROBUSTFEED AVS IS...**

Take on the most demanding environments with unbeatable durability and limitless portability.



reddot design award
winner 2021

- Only wire feeder currently with an IP44 rating to withstand most elements
- Two side doors for easier access to internally protected cable connections, built-in gas flow meter, and components without removing wire spools
- More comfortable to take anywhere with three crane-safe comfort-grip handles, two underbody recessed hand lifting points, and the option of a flat or vertical wheel kit
- Separate dust-proof compartment for all electronics, even when the feeder is open
- Digital meters for Voltage & WFS ensures more arc time, labour-saving and beneficial for critical welds using specific welding procedures

**3 CRANE SAFE
HANDLES
& 2 UNDERBODY
HAND LIFTING
POINTS**

**FLAT OR
VERTICAL
WHEEL KIT**

**360° WATER
AND DUST
PROTECTION**



**OTHERS
LIMITED RAIN
PROTECTION**

**OTHERS
NO WHEEL KIT
AVAILABILITY**

**OTHERS
1 NARROW
HANDLE**



SUITCASES ARE BUILT FOR CLOTHES - NOT FOR MIG WIRE.

ROBUSTFEED AVS IS...

Leave suitcase-style wire feeders in the dust with superior wire feeding performance.

- Industry-leading duty cycle, wire diameter capacity, and wire feed speeds give you the power and performance to weld the widest range of material thicknesses
- Easy setup and maintenance with colour-coded rollers, tool-free changeouts, and built-in contact tip and feed roll storage
- Self-feeding 4-wheel drive system delivers smoother, more reliable wire feeding
- Works with most brands of CC/CV power sources or engine-driven welders by using automatic voltage-sensing (AVS) technology and PreciDrive Feeder

FEED ROLL STORAGE

4-WHEEL DRIVE FEEDING

PRECIDRIVE

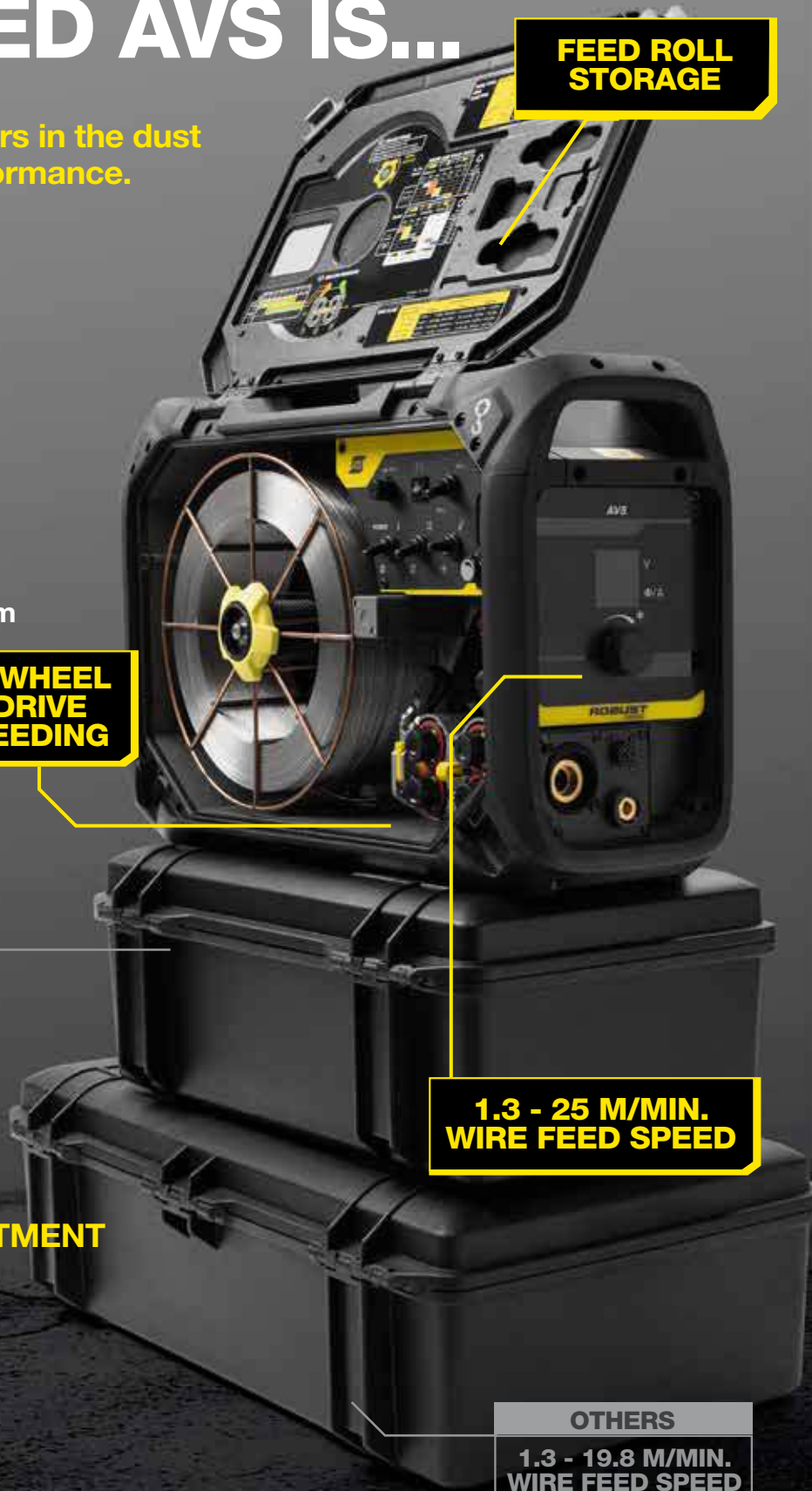
**OTHERS
2-WHEEL
DRIVE FEEDING**

**1.3 - 25 M/MIN.
WIRE FEED SPEED**

ADDITIONAL KEY FEATURES INSIDE THE FEEDER COMPARTMENT

- 2T & 4T Trigger Mode
- Gas Purge, Wire Inch & CC/CV Mode functions
- On/Off switch
- Built in Gas flowmeter 5-30LPM

**OTHERS
1.3 - 19.8 M/MIN.
WIRE FEED SPEED**



PACKED WITH MORE THAN ANY SUITCASE.

FEATURES AND BENEFITS

ROBUSTNESS & RELIABILITY	Robust and drop-proof – full composite housing with double-walled bottom section and special impact zones
	Dual door design to access and protect cables and attachments inside
	Robust, reliable, and quick-to-attach cable strain relief inside housing
	IP44, 360° splash-proof – great for outdoor use
	Reliable feeding of difficult wires (thick, thin, soft, or stiff) through long, looping torch cables – even with worn and dirty cable liners
	Dust-proof electronics compartment, even when feeder is open
PORTABILITY	Multiple ergonomic handles and recesses for portability in tight, demanding spaces, including manholes
	Multi-functional mobility – works great with or without wheel kits or carts
	Secure strong-lock doors will not break open when feeder is thrown around
	Low-friction, high-durability wear surfaces and strain reliefs allow pulling the unit by torch or interconnection
EASE OF USE	Easy-to-use self-feeding 4-wheel drive mechanism with colour-coded rollers and tool-less removal of guides and rollers
	Convenient built-in storage for spare rollers, guides, and contact tips
	Durable window for seeing wire spool without opening case, with LED lights
	Front panel with large knobs and buttons that can be operated with gloves
	Easy service with quick access to electronics and motor
	Three crane-safe lifting handles, clearly marked
SAFETY	LED lights at feeding mechanism for safer, easier spool changes
	Ergonomic, well-balanced handles – no sharp edges against body when carrying



OPTIONAL ACCESSORY
Wheel kit works with feeder
horizontally or vertically
P/N: 0446081880

RobustFeed AVS Euro
inc. gas flow meter

P/N: 0446700881

SPECIFICATIONS

Input Voltage, Max	14-100 VDC
MAX WIRE DIAMETER Solid FCAW	2.0 mm 2.4 mm
Feed rollers	4WD, 2 grooves
OUTPUT @ 40% duty cycle @ 60% duty cycle @ 100% duty cycle	500 A 450 A 350 A
WIRE FEED SPEED (WFS) Minimum/ Maximum	1.3 m/min - 25.0 m/min
Weight (without wire)	18.37 kg
Protection class	IP44
Temperature range	-20°C to +55°C
Dimensions (H x W x L)	430 x 250 x 595 mm
Certification Marks (standards)	CE, CSA, RCM, CCC, EAC, IEC

ACCESSORIES *Comes fitted with RobustFeed AVS

Robust Feed Wheel Kit	0446081880
Interconnection Strain Relief Gland	0446050880
Torch Strain Relief	0446082880
Quick Connector Gas Fitting - Argon	0464728880
Tweco 4 Adaptor RobustFeed	0446120882
Feed Roll V Groove For Fe/Ss/C 0.8-0.9/1.0 Mm	0445850002
Feed Roll V Groove For Fe/Ss/C 0.9/1.0-1.2 Mm *	0445850004
Feed Roll V Groove For Fe/Ss/C 1.4-1.6 Mm	0445850006
Feed Roll V-K Groove For C 0.9/1.0-1.2 MM	0445850030
Feed Roll V-K Groove For C 1.2-1.2 Mm	0445850031
Feed Roller V-K Groove For C 1.6-1.6 Mm	0445850033
Feed Roll V-K Groove For C 1.8-1.8 Mm	0445850034
Feed Roll V-K Groove For C 2.4-2.4 Mm	0445850036
Feed Roll U Groove For Al 1.0-1.2mm	0445850051
Inlet Wire Guide Ø 2mm For Fe/Ss/Al/C 0.6-1.6mm*	0445822001
Inlet Wire Guide Ø 3 Mm For Fe/C 1.8-2.4 Mm	0445822002
Middle Wire Guide For Fe/Ss/C 0.6-1.6 Mm*	0446080882
Middle Wire Guide For Fe/C 1.8-2.4 Mm	0446080883
Middle Wire Guide For Al 0.8-1.6 Mm	0446080881
Outlet Wire Guide For Fe/Ss/C 0.6-1.6 Mm*	0445830881
Outlet Wire Guide For Fe/C 1.8-2.4 Mm	0445830882
Outlet Wire Guide For Al 0.8-1.6 Mm	0445830885

NOTE: All accessories are available, but may not be stocked at all times.



OPTIONAL ACCESSORY

AVS Tail Connection Kit P/N: 0446700881K

- Interconnection Strain Relief (Cable Gland), Feed Roll sets 1.2mm & 1.6mm FCAW wires, 1x male Mech-connector, 1 male Dinse connector 50/70mm², 1 x gas hose quick connector, 1 x 70mm² cable 650mm



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