

On-board control unit

Universal torch holder

Seam tracking

Battery pack

Compact design

Battery charger and battery included

Driving vehicle FDV 15 MF

Battery powered, magnetic driving vehicle

Standard equipment

- Compact and lightweight design
- Control unit integrated in driving vehicle
- Battery powered - no mains cable necessary
- Permanent magnet for powerful traction in all welding positions
- Guide wheels automatically track the torch in the filled joint
- Universal torch holder for hand- and machine torch
- Battery charger (230 V) and rechargeable battery (14,4 V / 2 Ah)

Functions of the control unit:

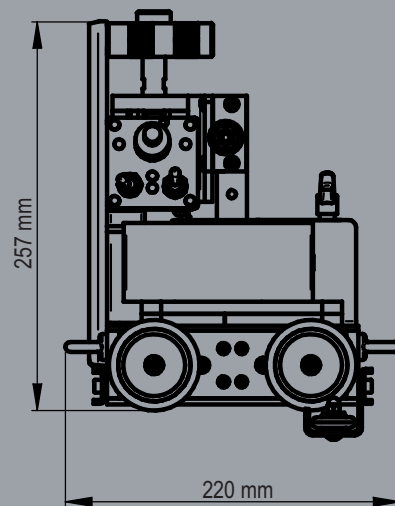
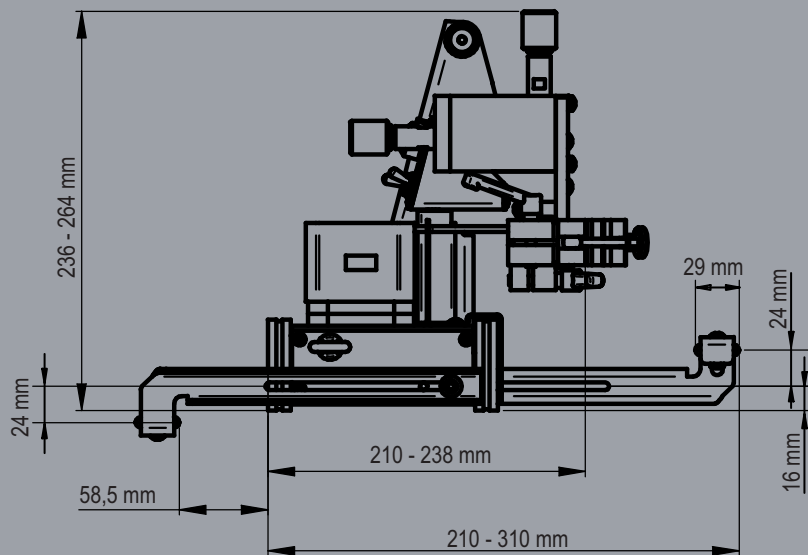
- Switch: On / Off
- Switch: Start left / Stop / Start right
- Speed knob

Recommended areas of use

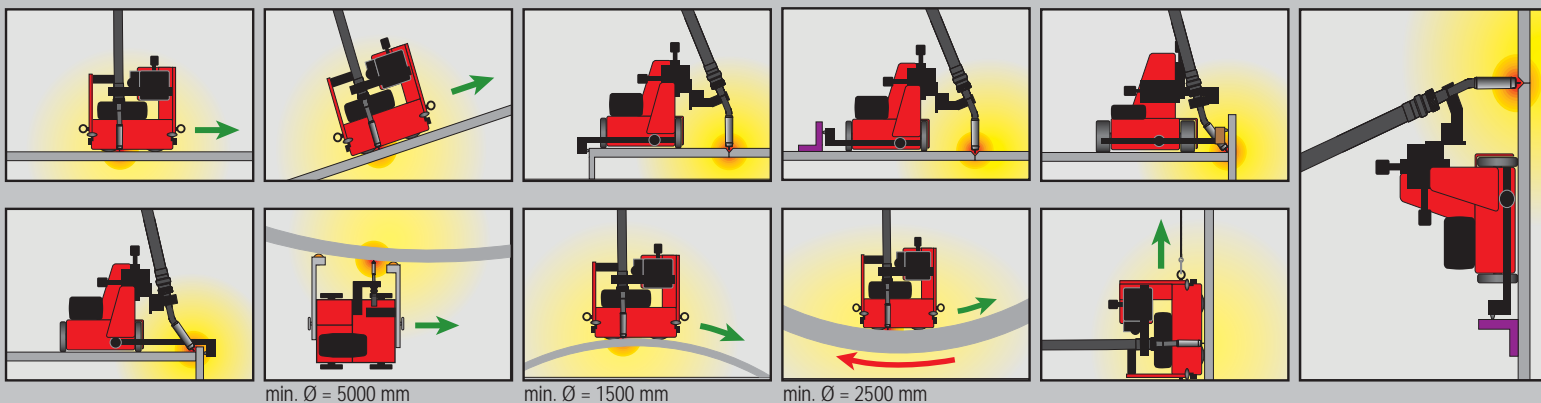
For mechanized MIG/MAG welding of longitudinal seams in horizontal and vertical position

Accessories

- Battery charger FDV MF
- Rechargeable battery 14,4 V / 2 Ah



Capabilities



Technical data	FDV 15/MF
Max. load	15 kg
Pulling force (horizontal / vertical)	120 N / 80 N
Welding position	PA, PB, PC, PF, PG
Minimum thickness of material	4 mm
Horizontal travel speed (50 N load)	0-150 cm/min (+/- 6%)
Vertical travel speed (50 N load)	0-130 cm/min (+/- 6%)
Adjustable torch regulation (horizontal/vertical)	28 mm / 28 mm
Torch body diameters	16-22 mm
Power supply battery charger	230 V / 50-60 Hz
Power supply driving vehicle (battery)	14,4 V DC
Battery charging time	45 min
min. battery capacity (*)	4 h
max. thermic stress of wheels	150 °C
Net weight (incl. battery)	5,5 kg

(*) above run times are for are full load, vertical up and max speed conditions.
In normal conditions these carriages have set up times and less extreme running parameters which will improve battery efficiency.



FRONIUS INTERNATIONAL GMBH
Buxbaumstraße 2, P.O.Box 264, A 4602 Wels
Tel: +43/7242/241-0, Fax: +43/7242/241-3940
E-Mail: sales@fronius.com

www.fronius.com