



BATTERY-POWERED HYDRAULIC RAIL WELD SHEAR

*Battery-powered portable equipment range
for a sustainable way to rail*



Improved ease of use

Innovative ergonomics

Significant improvement in occupational safety

 **activion**[®]
systems



Your benefits

- Efficient deburring of weld materials excess after aluminothermic welding or flash butt welding of two rails
- Compact deburring head for easy set-up and reduced cutting forces
- Lightweight, compact and easy-to-use hydraulic unit with quick-connect cables
- Two versions available: 325 bar and 550 bar

Battery specifications

Embedded energy	1,404 Wh
Voltage	46.8 V
Battery capacity	30 Ah
Mass	21,16 lbs (9.6 kg)
• Operating temperature	-4 to 104 °F (-20 to +40 °C)
• Storage temperature	-4 to 140 °F (-20 to +60 °C)
• Charging temperature	32 to 122 °F (0 to +50 °C)
Charging time	2h30

Specifications of the double hydraulic unit

Engine	Activion (patented)
Maximum pressure	700 bar
Dimensions	33 x 18 x 18 in. (830 x 445 x 455 mm)
Mass	≈ 143.3 lbs (65 kg)



Hydraulic unit also compatible with the KRAKEN hydraulic rail tensor

Advantages of the Activion technology

- Ideal for confined work environments: tunnels, metros and underground areas
- Adapted to urban work sites thanks to reduced noise and pollution levels
- Improved ergonomics due to vibration-reducing handles
- One multi-purpose battery for all portable equipment

Weld shear specifications

Maximum pulling force	220 kN
Overall dimensions handles folded (L x l x H)	27 x 21 x 13 in. (676 x 526 x 323 mm)
Working pressure	325 bar (or 550 bar)
Cylinder stroke	6.1 in. (155 mm) or 5.9 in. (150 mm)
Total mass (without knives)	≈ 104 lbs (47 kg) or ≈ 84 lbs (38 kg)

Standard kit contains

- Rail weld shear
- Hydraulic unit
- Activion battery with simple carrying system
- Power cable
- Activion battery charger

Accessories

- Pair of knives adapted for each type of weld and each rail profile
- Additional batterie

