

Lightweight Weld Shear (05100 HY)

Rail Welding Equipment



Light, portable, and highly efficient, the Pandrol Lightweight Weld Shear is designed to make it easier to remove excess weld metal.

With self-locking adjustable hold downs, it's easy to get a clean safe cut every time. An additional half inch of clearance between blades ensures easy placement over wide gap welds. The spring-centred flow control valve allows safe and precision-timed shearing of aluminothermic welds..

→ TECHNICAL FEATURES

Lightweight

Carrying this weld shear is easy thanks to its lightweight design, weighing only 98lbs.

High-quality shear blades

Equipped with Pandrol full cast tipped shear blades ready for going to work. Replacement shear blades are readily available and easily changed.

Adjustable bearing rollers

During the process, the shear is held to the rail with bearing rollers that are fully adjustable to fit the industry's varying rail sizes.

Protected design

The in-built shield offers total protection for the fittings and hoses.

→ ADVANTAGES /

- The hydraulic shearing machine is much safer to use than the traditional hammer and chisel method of reducing excess metal, which is hard work and exposes workers to projecting metal.
- The machine-based process eliminates the risk of damaging the rail.
- The lightweight design of the weld shear makes it easily transportable – also promoting safe lifting practices.



→ COMPONENTS /

1. Adjustable hold down rollers on both sides
2. Wide handles
3. Controls – Shear/Retract
4. Shield to protect fittings and hoses
5. Blades of different types depending on the rail profile

→ SPECIFICATIONS /

Technical data	
Description	Lightweight Weld Shear
Item number	05100 HY
Flow	5 gpm (19 lpm) or 10 gpm (38 lpm)
Pressure	2000 psi (140 bar)
Dimensions	28 5⁄8" (72.7 cm) x 18 3⁄4" (47.6 cm) x 15" (38.1 cm)
Weight	92 lbs (41.73 kg)

Accessories	
00980	132 lb / 136 lb Shear Blades
00965	115 lb Shear Blades
Additional shear blades	Available on demand

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