

Light Weight Weld Shear (05100HY)

Rail Welding Equipment



The Pandrol Weld Shear is lightweight and highly efficient.

Spring centered flow control valve permits safe and precision timed shearing of a aluminothermic weld. Additional half inch of clearance between blades ensures easy placement over wide gap welds. The shield totally protects fittings and hoses. The adjustable hold downs are self locking and will assure a safe clean cut.

→ TECHNICAL FEATURES

Lightweight

The light-weight design, weighing only 98 pounds, make transportation easier.

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

The shear is held to the rail during the shear process with its bearing rollers that are fully adjustable for different sizes of rail in the industry.

Protected design

A shield totally protects 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 was hard work and exposed workers to projections of metal.
- With the shearing machine, there is no risk of damaging the rail.
- The light-weight design of the weld shear permits for easy transport and safe lifting practices.
- The adjustable blades result in much greater precision than possible when removing the metal deadhead manually.



→ 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	Light Weight 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 ¾" (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

