



Compact Shear B-M-VIR

Welding and Maintenance Equipment



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Pandrol's Compact-Shear B-M-VIR outputs zero emissions whilst shearing, yet easily delivers the power needed for removing welds.

Designed to operate with the included battery-operated non-impacting drill, the simple chuck attachment allows easy installation of the shear so it is quickly operational on the track. The hydraulic system provides adequate shearing force for welds in various types of vignole rails.

→ TECHNICAL FEATURES

Light-weight

The light-weight design, weighing only 45.3 kg, operates with the battery power pack of the removable drill.

Latest battery technology

Utilises the best battery technology available from drill technology. It can shear more than a dozen welds per single charge with no diminished performance or shear time.

High quality shear blades

Compatible with standard Pandrol full cast tipped shear blades ready for going to work. Replacement shear blades are readily available and easily changed (blades ordered separately).

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.

Removable drill

The powerful battery operated Milwaukee drill that powers the Pandrol weld shear is delivered in a tool case, complete with two batteries and a charger.

Clean efficient use

The simple connection to the shear permits for clean efficient use of the battery drill to operate the weld shear.

→ ADVANTAGES /

- The light-weight design of the weld shear, combined with the easy plug-and-play of the drill, permits for easy transport and safe lifting practices.
- The powerful battery-driven drill allows for up to a dozen shear applications with no diminished performance before recharging.
- The Milwaukee battery-driven drill can be utilized as a standalone piece of equipment beyond the weld shear operation.
- Promotes a better work environment eliminating CO₂ emission and giving lower noise-levels.



→ COMPONENTS /

1. Battery driven Milwaukee drill
2. Drill quick connection
3. Adjustable hold down rollers (secures to the rail)
4. Shear blades
5. Controls-Shear/ Retract

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→ SPECIFICATIONS /

Technical data	
Description	Compact-Shear B-M-VIR
Item Number	11334018
Application	For use on vignole rails, including switches and crossing - Inner Distance between cylinders = 328mm
Shear force	88 kN (8.8 tons)
Maximum hydraulic power	140 bar
Opening between blades	154 mm
Energy	Battery
Power	5.0 Ah
Dimensions	800 x 520 x 400 mm
Weight without blades	40.4 kg

Accessories	
11335018	Vignole pair of blades type 32
11335019	Vignole pair of blades type 36
11335024	Vignole pair of blades type 40
11335022	Vignole pair of blades type 45
11335023	Vignole pair of blades type 48

Standard compliance

- Machinery directive 2006/42/CE
- European norm NF EN 13977



The powerful Milwaukee drill is delivered together with the weld shear. It can be operated separately as a drill and is easily plugged with the shear. The separate case with accessories protects the drill during transport and includes two batteries with a charger.

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