

Tamper (08200)

Rail Welding Equipment



The Pandrol Hydraulic Tamper is a robust and versatile tool designed for demanding rail maintenance tasks. Engineered for maximum operator protection, it features torsion-dampened handles that significantly reduce hand-arm vibration. This makes it an ideal solution for daily use, limiting user fatigue and health risks.

With 5 GPM flow and 2000 PSI pressure, the 08200 model delivers powerful performance for multiple applications, including tamping ballast, cutting asphalt, or breaking concrete. Its ergonomic structure and ease of use make it a valuable asset for any rail maintenance team.

→ TECHNICAL FEATURES

Torsion-Dampened Handle Design

Equipped with high-performance vibration-damping handles to minimise hand-arm vibration and protect the user from long-term exposure injuries.

Multipurpose Operation

Designed to support various tasks such as tamping, asphalt cutting, and concrete breaking with a single tool by simply switching accessories.

Safety-Integrated Trigger System

Features a locking safety trigger mechanism to avoid accidental activation and ensure secure operation during repositioning.

Cold Weather Compatibility

Engineered for consistent performance even in low-temperature conditions by allowing pre-warming of hydraulic components.

→ ADVANTAGES /

- Low vibration reduces long-term injury risk, protecting operators from hand-arm vibration syndrome, increasing daily usage time within safety limits, and improving job site well-being.
- Multi-use capability lowers equipment cost, allowing operators to use a single tool across various tasks like tamping, cutting, or breaking, thus reducing the number of tools transported to site.
- Ergonomic design enhances comfort and control, making the tool easier to manoeuvre during prolonged operations and reducing operator fatigue.
- Integrated safety features prevent misuse, such as the auto-lock trigger system that eliminates accidental activation, ensuring safer handling during repositioning or transportation.



→ COMPONENTS /

1. Safety On/Off trigger
2. Torsion-Dampened Handles
3. Impact Mechanism
4. Tool Holder (Bit Coupling System)

→ SPECIFICATIONS /

Technical data	
Description	Tamper
Item number	08200
Flow	5 gpm (19 lpm)
Pressure	2000 psi (140 bar)
Dimensions	18" x 5" x 30" (45.7 x 12.7 x 76.2 cm)
Weight	50 lbs (22, 6kg)
Blow Frequency	1560 blows/min
Blow Energy	60 Joules
Vibration Level	133.6 dB / 4.8 m/s²
Sound Pressure (Lpa)	94 dB
Sound Power (Lwa)	105 dB

Accessories	
01362	Tamper bit
01365	Spiker bit
01370	Asphalt cutter bit
01375	Concrete breaker

