

Self-Feed Rail Drill (03500)

Track equipment



The Pandrol Self-Feed Rail Drill (03500) is a lightweight, portable machine for precise, efficient drilling of rails.

The drill is powered by a hydraulic system - that delivers clean and powerful energy that is the driving force needed for boring holes. A simple clamp allows for quick set-up on track and patented arrow inserts ensure precision holes and quick drilling time. A separate coolant container assembly delivers coolant to the drill bit.

A range of rail templates, index bars and drill bit inserts are available as accessories to the Self-Feed Rail Drill. These enable the drill to be adapted for a full range of standard drilling patterns and different rail types.

→ TECHNICAL FEATURES

Hydraulic source

The Self-Feed Rail Drill runs on a hydraulic system, operating at 10 gpm (38 lpm) and 2000 PSI (140 bar).

Simple clamp

The drill is clamped to the rail by pushing down the over cam designed handles.

Automatic feed

The drill has an automatic feed that ensures it advances accurately.

Inserts and holders

Patented arrowhead inserts drill precisely through raised lettering on the rail. The insert holder can be used for a range of insert sizes; just three holders will install and drill holes from 22mm (7/8") to 38mm (1-5/8").

Templates

A range of double-sided templates are available to securely align the drill to the rail. These can be designed to fit almost all rail sizes.

Lubrication system

The drill is fitted with a lubrication system that reduces friction.

Lightweight

The Self-Feed Rail Drill weighs just 31 kg (68 lbs).

→ ADVANTAGES

- The Self-Feed Rail Drill is quick to use – both in terms of set-up on the rail and drilling time. This saves money on labor and track time.
- The drill's automatic feed and arrowhead inserts ensure consistently precise boring.
- The machine is lightweight, making it easy to carry and position on track.
- The versatility of the drill's double-sided templates means that a range of rail profiles can be drilled without the expense of extra parts.
- Similarly, because the insert holder can be used for a range of insert sizes, money is saved on having to change the complete holder and insert when drilling holes of different sizes.
- The drill's lubrication system reduces friction and saves on maintenance costs.



→ COMPONENTS

1. Easy over cam clamp handle assembly
2. Forward and reverse auto control
3. External lubrication nozzle
4. Hydraulic connections
5. Two sided template mount
6. Rear handle
7. Insert/drill bit receptacle

→ SPECIFICATIONS

Technical specifications	
Dimensions	35" (89 cm) 9" (22.8 cm) 15½" (39.4 cm)
Flow	10 gpm (38 lpm)
Pressure	2,000 PSI (140 bar)
Weight	68 lbs (31 kg)

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