

Rail Bender

Horizontal Rail Bender

Lever Arm Rail Bender- FP-112

The Lever Arm Rail Bender is easy to use and is suitable for bending rail from 31kg/m to 68kg/m. The lever action results in less cylinder effort and reduced weight. The cylinder comes in either aluminium or steel construction.

The unit can be powered by either a hand pump or a high-pressure power pack. The cylinder is not connected to the Bender, so the unit is easy to position on track with lighter components.

Please note that Powerpacks and Hand Pumps are sold separately

Specifications

Model	FP-112-EM	FP-112-CS
Cylinder Force (kN)	50	50
Pressure (psi)	10,000	10,000
Cylinder Construction	Steel	Aluminium

Dimensions

Component	Weight (kg)	Length (mm)	Width (mm)	Height (mm)
Arm	71.5	930	520	215

Cylinder Assembly:

Aluminium	16	390	135	200
Steel	28	390	125	200
Hand Pump	14	600	180	190



Above: Complete Unit with Hand Pump Option
(Sold Separately)



High Pressure Pump Options

Description	Part No.
10,000 psi Hand Pump	1120367
10,000 psi Powerpack	FP-180-AM



10,000 psi Battery Pump	1121014-D
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Vertical Rail Joint Straightener

The Permaquip Rail Joint Straightener is a great solution to rectify dipped track joints. When rail ends are not aligned, drilling and plating the track can be very difficult, but this product can solve that problem. Made to a high engineering specification, the Rail Joint Straightener corrects this alignment safely and accurately, making the other activities easier and delivering a perfect finish to the track joint. The right specification achieved every time



Part No. **1120805**



Features

- Portable unit for straightening dips
- Recovers up to 25mm dips
- Fish plated and welded joints
- UP to 40 joints per hour

Specifications

Engine	Petrol
Noise da (a)	86-90
Weight (kg)	317
Length	2025mm
Width	1750mm
Height	1310mm

Operating Pressure

The Maximum Operating Pressure of the Vertical Rail Straightener Joint is

- Pressure to lift a dipped joint (ram extended) - 3,000 psi (20.7 MPa)
- Pressure to close (ram retracted) - 500 psi (3.4 MPa)

Operating Performance

The Performance limits of the Rail Straightener joint are

- Ram force - 50.15 tonnes
- Maximum force at rail joint - 103 tonnes

