



GRINDER GP 4000

PRECISE AND USER-FRIENDLY RESTORATION OF RAIL PROFILES

The profile grinder GP 4000 allows the precise and user-friendly restoration of the rail profiles of the heads and joints on rail surfaces and edges.

The GP4000 is equipped with many features and benefits providing comfortable operation:

- » Precise control over grinding tolerances
- » Fast and easy change of stones
- » Ergonomically designed handle for ease of operation

THE FIRST DIESEL ENGINE ON THE MARKET

The machine is equipped with a powerful diesel engine to ensure high performance rail grinding. A large handwheel with scale enables backlash-free infeed of the grindstone. A specially-shaped handle bar on the grinding machine enables ergonomic operation and a good view of the grinding position. The machine is suitable for use with rail profiles with a rail head width between 45 mm - 95 mm and a sleeper height of at least 120 mm. The machine is also available with a petrol engine as a power unit.

RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

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GOLDSCHMIDT
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GRINDER GP 4000 OVERVIEW

Feature	Function	Benefit
Diesel engine	No petrol vapour Low centre of gravity Low fuel consumption Robust engine	Approved for use in tunnels Good handling Low running costs Long engine life
Slightly angled position of grindstone	Sparks always fly away from the user	Enables full concentration on the grinding process
Automatic drive belt tensioner	Prevents drive belt slipping off and ensures ideal tension of drive belt	Longer lifetime Low downtimes
Emergency off button (GP 4000 P)	Electronic interruption of the ignition unit	Increased safety

Specifications	GP 4000 D	GP 4000 P
Engine	Yanmar	Bernard
Fuel	Diesel	Petrol
Engine output in kW	3.5	5.2
Torque in Nm	12/2600	14/3000
Engine speed under load in rpm	3600	4000
Emission sound pressure level in db (A)	85	85
Emission sound power level in db (A)	100	100
Diameter/thickness of grindstone in mm	150 x 75	150 x 75
Dimensions in mm (l x w x h)	1000 x 650 x 950	1000 x 650 x 950
Empty weight in kg	71	68

Optional Features

Emergency stop button (GP 4000 P)
Side stand
Additional protective frame for engine and tank

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