

RAIL DESCALING MACHINE

MODEL DK3

The rail descaling machine has been designed for descaling the upper surfaces of the rails to obtain better track circuit operation.



1. DESCRIPTION AND OPERATION

This machine is operated by one man who can descale a rail either in track or laid trackside.

Highly efficient, the DK3 can achieve good results on very scaled rails in one or two stages even in wet weather.

The abrasive wheel can descale the upper surface of the rail over a width greater than 40 mm.

The DK3 maintains a constant pressure on the rail whatever the rail condition. This is achieved by using a gas powered jack which is adjusted by a lever and giving two descaling pressures dependant on the rail condition.

The rail descaling machine consists of:

- A tubular frame of welded steel construction fitted with two double flanged rollers;
- An engine powering the abrasive wheel through a belt drive.

The machine is supplied with a tool kit but does not include abrasive wheels.

2. TECHNICAL DATA

- Petrol engine **Honda GX200** with recoil starter and super silencer with protective grid: 5,5 hp (4 kW) at 3,600 rpm
- Number of abrasive wheels: 2 twin elements (*see chapter 4 – consumables at extra prices*)
- Wheel rotations speed: 2800 rpm
- Rollers: 55 mm diameter
- Dimensions:
 - Length: \approx 1 060 mm
 - Width: \approx 520 mm
 - Height: \approx 780 mm
- Mass (*in working order*): \approx 35 kg

3. ACCESSORIES AND OPTIONS (at extra price)

- Rollers assembly for running on grooved rails
- Switch descaling assembly
- Stabilizer
- Protective cover

4. CONSUMABLES (at extra price)

- Abrasive wheel
203 x 25.4 x 25.4 mm (two wheels required per machine), reference N03242

*We reserve the right to modify any equipment specification of the present offer to take into account the latest technical improvements and working conditions at the date of manufacturing.
Pictures and drawings may include some options and are not contractual.*