

## VERSATILE PORTABLE GRINDING MACHINE

### MODEL PHG 2

The *Versatile Portable Grinding Machine model PHG 2* is fast and easy to use thanks to its integrated engine and has been designed for a wide variety of grinding operations on railway worksites.



#### 1. DESCRIPTION AND OPERATION

Thanks to its versatility the PHG 2 can be used, among others, for the following purposes (on flat bottom rails and grooved rails):

- Grinding of running surface;
- Grinding of the lateral sides of the rail before welding connection cables to rails joints;
- Fishing table grinding before the creation of glued insulated joints;
- Grinding of burrs on the rail ends to adjust joint width;
- Grinding in S&C areas where the usual grinding machines cannot work;
- Grinding in the grooves of grooved rails;
- Shearing of weld burrs;
- Cutting of small metallic components (coachscrews and fish plate nuts).

## 1. DESCRIPTION AND OPERATION (Cont'd)

The start/stop switch and throttle control of the powerful petrol engine are within easy reach of operator's finger. In addition, the centrifugal clutch offers full safety and comfort of use to the operator.

Its power and weight make this machine very easy to handle and thanks to its versatile engine it can work in any inclination. A simple change of grindstone allows to carry out different grinding operations on site.

The PHG 2 is supplied without grindstone.

## 2. TECHNICAL DATA

- |   |       |   |
|---|-------|---|
| – <b>Honda GX35</b> petrol engine, four stroke, air cooled, recoil starter: | 1.6   | hp at 7 000 rpm                             |
| – Grindstone diameter:  | 230   | mm ( <i>thickness from 2.5 mm to 7 mm</i> ) |
| – Peripheral speed of the grindstone:                                       | 80    | m/s   |
| – Rotation speed:   | 6 500 | rpm   |
| – Dimensions:   |       |   |
| Length:   | ≈ 740 | mm  |
| Width:  | ≈ 250 | mm  |
| Height:   | ≈ 340 | mm  |
| – Mass:   | 9     | kg  |

## 3. ACCESSORIES AND OPTIONS (at extra price)

- **Transportation and protective metallic casing – N05574**  
(*dimensions: 745 x 250 x 340 mm*)



## 4. CONSUMABLES (at extra price)

- **Reinforced depressed centre grindstone type 27, 230 x 3,2 x 22,2 mm – N00728**
- **Reinforced depressed centre grindstone type 27, 230 x 4,8 x 22,2 mm – N00729**
- **Reinforced depressed centre grindstone type 27, 230 x 6,4 x 22,2 mm – N00730**

*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.*