



## “PDRC” PORTABLE DIN RAIL CUTTER

- Dimensions: Length: 340mm (~13 3/8")  
Width: 70mm (~2 3/4")  
Height: 120mm (~4 3/4")
- Weight: 2.6 kg (~5 lb.)

The PDRC DIN Rail cutter has been specially designed for small and medium panel shops, OEMs, contractors and control/automation specialists who require an economical, portable tool and who primarily use the popular TS35 (35 x 7.3 x 1 mm) mounting rail.

The PDRC machine has been designed for cutting standard steel profiles (common steel). It is not recommended for use in cutting aluminum, copper or stainless steel profiles. PDRC machines provide fast, clean, straight cuts of standard DIN-rails. Every piece of rail cut with this tool will be burr-free, with no deformation of the DIN-rail.

The cutting edges of the dies are designed to cut all brands of TS35 rail provided they are manufactured according to the established Standards (DIN 46277-3).

The PDRC cutting machine does not require permanent installation on a workbench. Thanks to the generously sized handles and lightweight design, it can be used as a portable tool requiring two-hand operation. However, two holes in the base of the machine enable it to be mounted on a bench, if so desired (mounting screws not provided).

To best operate the machine, leave ample space at least on one side of the machine, to allow insertion of a bar of DIN-rail. Please remember that DIN-rails are generally supplied in 2m (~79") bars. Also consider the space needed for free motion of the operating lever (approx. 400mm = ~16").

An available railguide with an end stop makes repetitive cuts of the same length easy (consult E-RAIL). Please note that when the railguide is installed on the DIN-rail cutting machine, it is advised to permanently mount the entire unit on a level bench, ensuring that it has been secured **perfectly flat** on its base.

The operation of the manual DIN-rail cutting machine is extremely simple and fast. Slide the rail through the guide plate and through the dies to the required length, then operate the machine by compressing the two handles with a single smooth movement. As there is no risk of jamming the dies in any way, the machine can be used to trim the rail even for a very “short” cut.

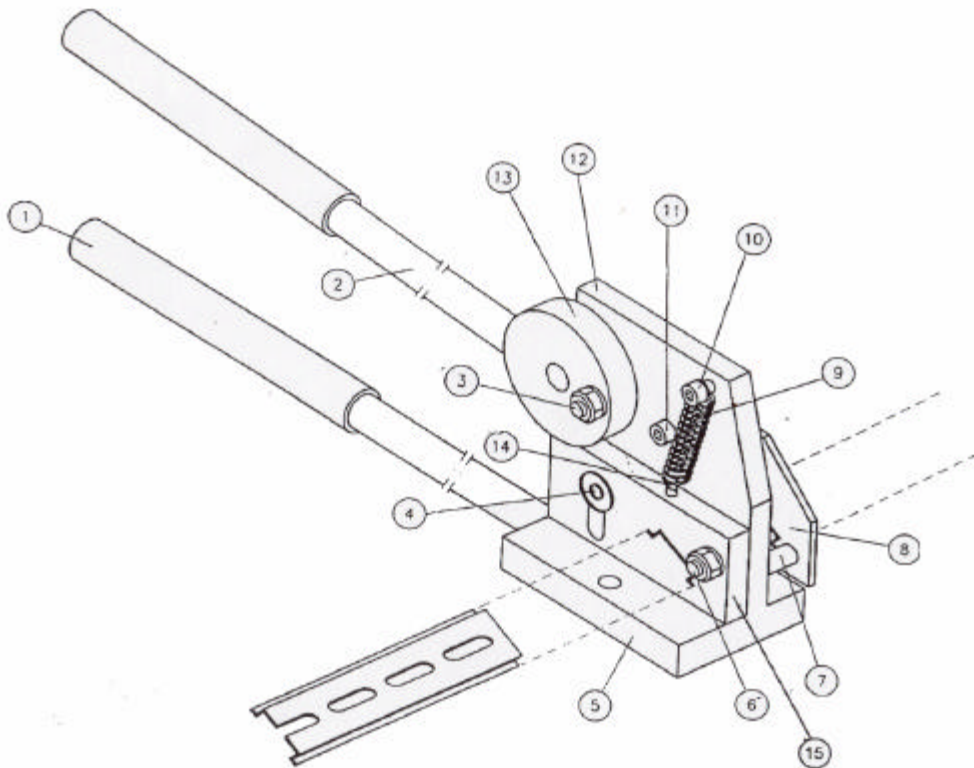
### Maintenance

The cutting machine is sufficiently robust and does not require any special maintenance. However, in order to guarantee its functionality and durability, the following measures are recommended:

- After every day's use, the cutting machine should be cleaned with a cloth, removing any dirt, especially from the moving parts and the dies. Wipe off any liquids or moisture.
- Regularly oil the mechanical moving parts and the dies.

The machine does not, in principle, need re-sharpening. However, should such procedure be required, do not to attempt to disassemble the machine and sharpen the dies yourself, unless you are skilled in tool making and maintenance.

## “PDRC” Parts Inventory



- |             |  |
|-------------|--|
| 510.801-01: | Vinyl Handle Grip                      |
| 510.801-02: | Handle Rod                             |
| 510.801-03: | Nut/Bolt/Washer Set for Cam            |
| 510.801-04: | Sliding Nut/Bolt/Washer Set for Dies   |
| 510.801-05: | Base Unit                              |
| 510.801-06: | Fixed Nut/Bolt/Washer Set for Dies     |
| 510.801-07: | Screw/Spacer Set for Entry Guide Plate |
| 510.801-08: | Entry Guide Plate                      |
| 510.801-09: | Return Spring                          |
| 510.801-10: | Fixing Bolt for Return Spring          |
| 510.801-11: | Cam Limiting Bolt                      |
| 510.801-12: | Fixed Die Plate                        |
| 510.801-13: | Cam                                    |
| 510.801-14: | Fixing Screw Pin for Return Spring     |
| 510.801-15: | Operating Die Plate                    |

