

## KEY FEATURES

- Induction hardened ‘V’ rails ensure accuracy and durability
- Ball-screw feed
- Hand & auto feed to main axis
- Direct drive ISO 40 spindle
- Choice of Pneumatic and Hydraulic versions
- Designed to suit a variety of mounting options, including bolting, switch magnets, chain clamps and gantry assemblies.

## DESCRIPTION

The MRY range of milling rails are built for rigidity and precision. Each machine is designed to carry out a wide range of general purpose in-situ milling applications.

## APPLICATIONS

MRY milling rails are incredibly versatile. Common on-site machining applications include: heat exchangers, pump and motor pads, steel mill stands, ship building, turbine split lines and many more.

## TECHNICAL SPECIFICATIONS

	MRY1500	MRY2000	MRY3000
<b>Max stroke (main axis)</b>	1500mm (60")	2000mm (80")	3000mm (120")
<b>Max stroke (cross axis)</b>	305mm (12")	305mm (12")	305mm (12")
<b>Max cutter diameter (with adaptation at extra cost)</b>	200mm (8")	200mm (8")	200mm (8")
<b>Hand Feed</b>	10mm / rev (0.394 / rev)	10mm / rev (0.394 / rev)	10mm / rev (0.394 / rev)
<b>Auto Feed motor supply</b>	0 – 83mm (0 – 3.250")	0 – 83mm (0 – 3.250")	0 – 83mm (0 – 3.250")
<b>Spindle R.P.M Min/Max (Standard Supply)</b>	50 - 640	50 - 640	50 - 640
<b>Z Axis Quill Travel</b>	80mm (3.14")	80mm (3.14")	80mm (3.14")
<b>Spindle Motor (Hydraulic)</b>	5.0Hp (3.7Kw)	5.0Hp (3.7Kw)	5.0Hp (3.7Kw)
<b>Spindle Motor (Pneumatic @90psi)</b>	4.0 Hp (3.0 kw)	4.0 Hp (3.0 kw)	4.0 Hp (3.0 kw)
<b>Feed Motor (Hydraulic)</b>	2.2 Hp (1.64 kw)	2.2 Hp (1.64 kw)	2.2 Hp (1.64 kw)
<b>Feed Motor (Pneumatic @90psi)</b>	1.5Hp (1.11 kw)	1.5Hp (1.11 kw)	1.5Hp (1.11 kw)
<b>Pneumatic Air consumption / supply needed</b>	98 scfm (2.69 m3/m)	98 scfm (2.69 m3/m)	98 scfm (2.69 m3/m)
<b>Hydraulic Supply needed</b>	70 L/min (18 gal/min)	70 L/min (18 gal/min)	70 L/min (18 gal/min)

## INCLUDED AS STANDARD WITH MACHINE

The machine is supplied complete with the following items;

- ✓ Toolkit including tools and inserts
- ✓ Air filter lubricator (on air models)
- ✓ Hose connection
- ✓ Storage / shipping box
- ✓ CE certificate
- ✓ Packing list and manual

## SET UP AND OPERATION

The operator must be:

- Trained and conversant with the product
- Able to identify the correct and incorrect use of static or portable machines.
- Comply with all local and internationally recognised regulations regarding safe use of powered machines.

## MACHINE WEIGHTS

Machine name	kg	lbs
MRY1500	381 kg	840 lbs
MRY2000	425 kg	937 lbs
MRY3000	520 kg	1146 lbs

## SHIPPING WEIGHTS

Machine name	kg	lbs
MR1500	483 kg	1065 lbs
MRY2000	525 kg	1157 lbs
MRY 3000	700 kg	1543 lbs

## SHIPPING DIMENSIONS

	Length	Width	Height
MRY1500	295cm (116")	76cm (30")	60cm (24")
MRY2000	295cm (108")	76cm (30")	60cm (24")
MRY3000	380cm (150")	113cm (44")	84cm (33")

Weights and dimensions are approximate and provided for guidance only.

**IMPORTANT**  
PLEASE REVIEW OPTIONS, ACCESSORIES  
AND SPARE PARTS ON NEXT PAGES



## MRY MILLING MACHINE OPTIONS & ACCESSORIES

### HYDRAULIC POWER PACK

Part number:

**PP3-C-E** Electric motor

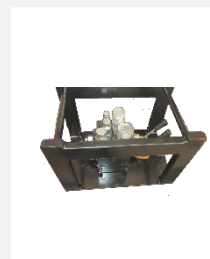
**PP3-S-D** Diesel motor



### HYDRAULIC CONTROL PANEL

Part number: **HDCP-6**

Control panel for use with the MR range of milling machines



### DRO-6 Milling Head



### SWITCH MAGNETS

Pull down mounting magnets for fast attachment to flat surfaces.



### XYZCNC

Complete 2 or 3 axis CNC control software and servo drives.

