

### KEY FEATURES

- Precision lightweight construction
- Optional heat exchanger mount kit
- Hand & feed to main axis
- Optional Auto Feed
- ER40 Collet spindle
- Optional ISO 30 spindle
- Can be mounted directly to Mirage gantries
- Available in pneumatic and hydraulic drive options

### DESCRIPTION

The LMR 2000 is lighter than the MR range equivalent and has a maximum stroke of 2000mm (80").

### APPLICATIONS

The LMR2000 range is designed primarily for use on heat exchangers, but is robust enough to be used for many other general in-situ milling applications.

## LMR2000 SPECIFICATIONS

<b>Max stroke (X main axis)</b>	2015mm (80")
<b>Down Feed Axis Stroke</b>	95mm (3.74")
<b>Max Cutter diameter</b> ER40 Collet Spindle	25mm (0.984")
<b>Max Cutter diameter</b> Optional ISO Collet Spindle	80mm (3.15")
<b>Hand Feed</b>	5mm (0.197") per rev
<b>HYDRAULIC DRIVE</b>	
<b>Auto Feed Rate Hydraulic (optional)</b>	105mm (4.13") per min
<b>Max Spindle RPM</b> (Hydraulic)	630
<b>Spindle Hydraulic Supply Required</b>	50L/min (13.21 gal/min)
<b>Auto Feed Hydraulic Supply Required</b>	20L/min (5.28 Gal/min)
<b>Hydraulic Milling Head Power</b>	3.73kw (5hp)
<b>PNEUMATIC DRIVE</b>	
<b>Auto Feed rate Pneumatic (optional)</b>	26.5mm (1.04") per min
<b>Max Spindle RPM</b> (Pneumatic)	655
<b>Spindle Pneumatic Supply Required</b>	1800 L/min (63.6 cfm)
<b>Auto Feed Pneumatic Supply Required</b>	2000L/min (70.6cfm)
<b>Pneumatic Milling Head Power</b>	1.7kw (2.27hp)

## INCLUDED AS STANDARD WITH MACHINE

The machine is supplied complete with the following items;

- ✓ All required mounting bolts
- ✓ Air filter lubricator and hose connection for pneumatic machines (when required)
- ✓ Storage / shipping box
- ✓ CE certificate
- ✓ Packing list and manual
- ✓ Milling Rail Hold Down Brackets
- ✓ Pneumatic Milling Head with ER40 Collet Spindle, or Hydraulic Milling Head with ER40 Collet Spindle

## 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 WEIGHT

LMR2000	168 kg	370 lbs
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## SHIPPING WEIGHT

LMR2000	260 kg	573 lbs
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## SHIPPING DIMENSIONS

	Length	Width	Height
LMR2000	269cm (106")	68cm (27")	60cm (24")

All weights and dimensions approximate and for guidance only.

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



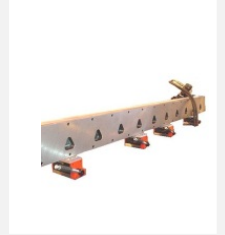
## LMR MILLING MACHINE OPTIONS & ACCESSORIES

**PP2 11 KW 3 Phase Power Pack**  
 (For Hydraulic Machines Only) 60  
 L.P.M up to 90 BAR – proportional  
 remote operation 24 volt dc fully CE  
 marked.



**Magnetic Mounts**

Fast set mounting system featuring  
 switch magnet mounts for the  
 Mirage range of 2 and 3 axis milling  
 machines and drilling and tapping  
 machines.



**LMR2000-2 Light Milling Head -**  
 ISO 30 Spindle with Adjustable  
 Gear Ratios. Hydraulic or  
 Pneumatic versions available.



**MR2000-3**

Wedge Levelling Feet



**LMR2000-4**

Pneumatic LMR Auto Feed Kit

Or

**LMR2000-8**

Hydraulic LMR Auto Feed Kit



**LMR2000-6**

Heat Exchanger Mount Plates



**LMR2000-11**

End Mill & Collet Set ISO30



**Gantry Mill Kit**

Provides 3-Axis milling capability.  
 See separate data sheet for further  
 information

