

Standard equipment

- MNF100 Single phase version (220V/60Hz/1ph)
- Variable head spindle speed
- Variable table travel feed
- Ball screw drive feed on table
- Head power feed
- Manual/continuous/automatic working modes
- RP1364 Dia. 16" (405 mm) CPN/PCD milling plate
- UT1330 1/2" CBN/PCD Toolholder
- UT1355 1/2" CBN Insert for cast iron
- UT1356 1/2" PCD Insert for aluminium
- TST010 Depth indicator complete of dial gauge
- Swing arm control panel
- Safety guard with polycarbonate shield
- PV0160 Pair of parallel supports
- PV0015 Universal fixture for canted cylinder head
- PV0021 Large clamps (2 pcs.)
- PV0022 Small clamps (4 pcs.)
- PV1515 V-Block mounting kit
- Oil for slides (1 lt.)
- Wrench set
- Instruction manual

Dotación standard

- MNF100 Versión monofásica (220V/60Hz/1ph)
- Velocidad variable del cabezal
- Velocidad variable del avance de la mesa
- Desplazamiento de la mesa por medio de tornillo sin fin de
- Desplazamiento rápido del cabezal
- Regulaciones de trabajo manual/continuo/automático
- RP1364 Dia. 16" (405 mm) plato fresador CPN/PCD
- UT1330 1/2" Portaherramientas para UT1355/UT1356
- UT1355 1/2" Inserto CBN para fundición
- UT1356 1/2" Inserto PCD para aluminio
- TST010 Indicador de profundidad
- Tablero de mando
- Pantalla de protección
- PV0160 Pareja de soportes planos
- PV0015 Soporte universal para la fijación de tapas inclinadas
- PV0021 Bridas largas (2 pcs.)
- PV0022 Bridas pequeñas (4 pcs.)
- PV1515 Kit de anclaje bloques en V
- Emulsion para guías (1 lt.)
- Llaves de servicio
- Manual de instrucciones

Accessories and spare parts

Accesorios y repuestos



UT1355

- 1/2" CBN Insert
- 1/2" Inserto CBN



UT1356

- 1/2" PCD Insert
- 1/2" Inserto PCD



UT1392

- ALP insert for aluminium with pre-chamber
- Inserto ALP para aluminio con precámara



UT1330

- 1/2" CBN/PCD Insert tool holder
- Portaherramienta para inserto CBN/PCD 1/2"



UT1390

- Insert tool holder for UT1392
- Portaherramienta para UT1392



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ENGINE REBUILDING EQUIPMENT

RP1300.M



CYLINDER HEAD AND BLOCK RESURFACER
RECTIFICADORA PARA BLOQUES Y CULATAS



- Depth indicator complete of dial gauge
- *Indicador de profundidad con comparador*

- Manual/automatic head rapid feed
- *Acercamiento rapido del cabezal*

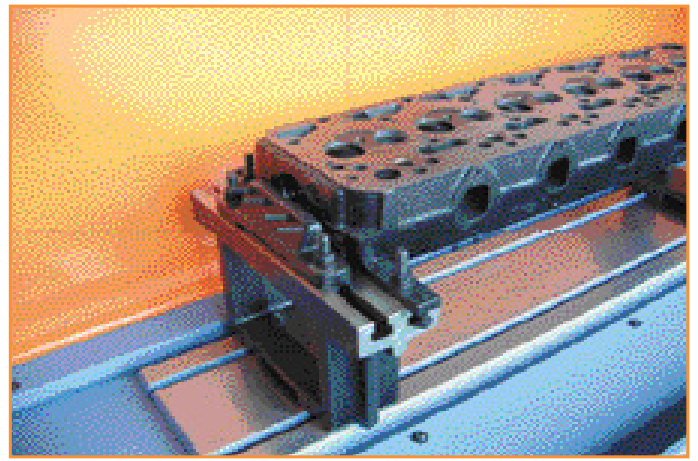
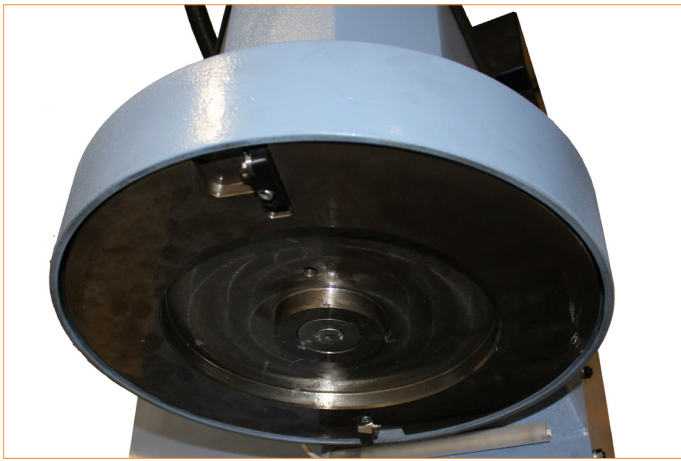
- PSC130 optional safety guard with sliding doors
- *PSC130 pantalla de protección con puertas corredizas opcional*

- Control panel
- *Tablero de mando*

- Table feed by ball screw drive
- *Desplazamiento mesa con tornillo de bolas recirculantes*

- CBN/PCD/ALP Milling plate dia. 16"
- *CBN/PCD/ALP Plato portaherramientas dia. 16"*

Specifications	Datos técnicos		
Table travel	<i>Recorrido de la mesa</i>	in / mm	55.1 / 1400
Max working length	<i>Longitud maxima de trabajo</i>	in / mm	48.2 / 1255
Max working width	<i>Ancho maximo de trabajo</i>	in / mm	16 / 405
Min - Max working height	<i>Altura min - max de trabajo</i>	in / mm	7.5 ÷ 28 / 190 ÷ 710
Useful table surface	<i>Superficie util de la mesa</i>	in / mm	43.3x9.1 / 1100x230
Milling plate diameter	<i>Diametro plato portaherramientas</i>	in / mm	16 / 405
Spindle rotation speed	<i>Velocidad de rotación de cabezal</i>	rpm	300 ÷ 1200
Variable table feed speed	<i>Velocidad variable de avance de la mesa</i>	in/min - mm/min	0 ÷ 59 / 0 ÷ 1500
Spindle motor	<i>Potencia motor del plato</i>	Hp / kW	3 / 2.2
Table motor	<i>Potencia motor de la mesa</i>	Hp / kW	1 / 0.75
Rapid feed motor	<i>Potencia motor rapido del plato</i>	Hp / kW	0.25 / 0.18
Power supply	<i>Conexión eléctrica</i>	V / Hz / ph	220 / 60 / 1
Dimensions (LxWxH)	<i>Dimensiones</i>	in / mm	87x51x79 / 2200x1300x2000
Weight	<i>Peso</i>	lbs / kg	3108 / 1410



PV0015

- Adjustable universal fixture with moving plate
- Soporte universal ajustable con placa de apoyo



PV1515

- V-Block mounting kit (to be used with PV0015)
- Kit de anclaje bloques en V (se utiliza con PV0015)

RP1300.M is a resurfacing machine for cylinder heads and blocks of cars and trucks, as well as for all flat surfaces requiring a high level of surface finishing and accuracy.

The technology and design adopted on the RP1300 combine tested solutions, such as the flat and V-shaped lubricated slides on the base to grant an excellent run fluidity even at slow feed speeds, with other innovative features, like the table feed through a recirculating-ball screw with adjustable speed feed and the inverter for spindle speed regulation or the automatic cycle for milling operations.

The RP1300.M is supplied with CBN/PCD milling plate for the reconditioning of cast iron or aluminium cylinder heads.

For a convenient and safe use of the machine, all controls commands are located on a swing arm control panel adaptable to every operator. The standard equipment includes the rapid feed power of the head, a pair of parallel supports, the universal fixture for canted head and the V-Block mounting kit.

RP1300.M è una rettificadora di superfici piane, ideata per recondizionare testate di cilindri e blocchi di motore di veicoli leggeri e pesanti, così come tutte le superfici piane che necessitano di una perfetta precisione dei piani di contatto.

La tecnologia di costruzione combina soluzioni ben comprovate – come le guide di scorrimento della tavola, di tipo prismatico, inglobate nella bancata e sempre ben lubrificate, così come lo spostamento della tavola per mezzo di vite senza fine a sfera ricorrenti – con un range di regolazione ben ampio – e l'inverter per la variazione dei giri del mandrill o il ciclo automatico del lavoro di fresatura.

La RP1300.M è consegnata con un piatto porta inserti PCD/CBN per il lavoro in alta velocità di fusione e alluminio.

Per un facile e sicuro controllo delle funzioni della macchina, tutti i comandi sono installati su un pannello girevole.

La dotazione standard include lo spostamento rapido del cabezal rettificatore, una coppia di supporti paralleli, il supporto universale per testate inclinate e il kit di ancoraggio per blocchi in V.