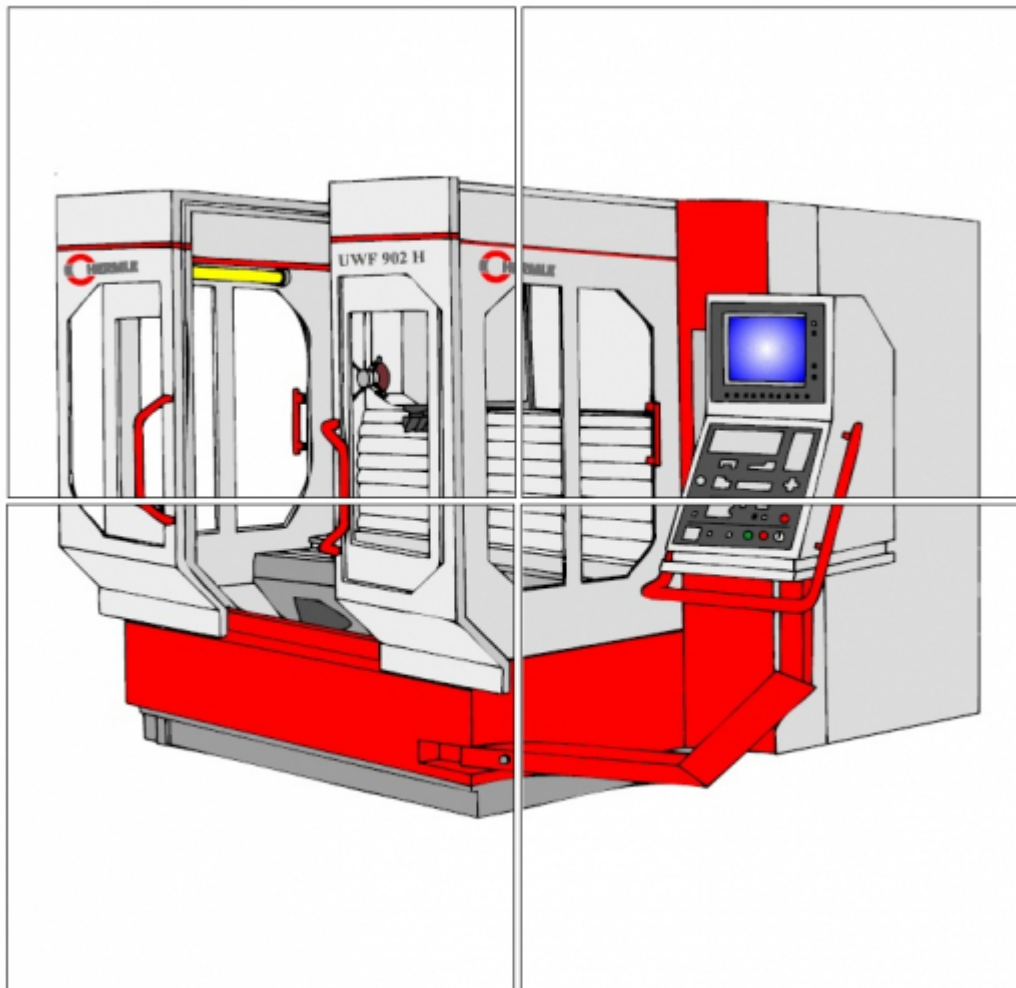


CENTRO MECANIZADO HERMLE UWF 902H

Ref: 039351



Central

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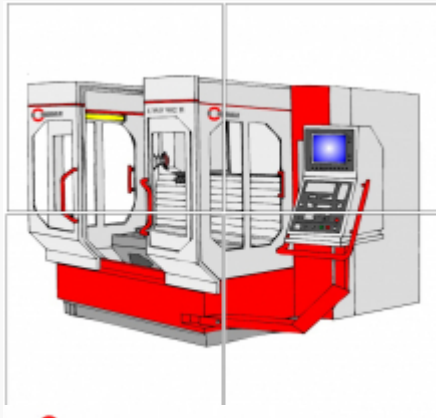
03440 IBI (Alicante)

Teléfono: +34 965 553 233 / FAX: +34 966 554 990

Especificaciones técnicas

Marca	HERMLE
MODELO	UWF 902 H
CONTROL	CNC HEIDENHAIN TNC 426
DIMENSIONES DE LA MESA	900x520
RECORRIDOS X, Y, Z	X 600 Y 450 Z 500
CONO	ISO 40 DIN 2079
RPM CABEZAL	6.300
CAMBIADOR DE HERRAMIENTAS	34 POSICIONES
AÑO	1996
MEDIDAS EXTERIORES	2950 X 2200 X 2300
PESO	4900

Imágenes



1.4 Technical Details

1.4.1 Working Surface

High working table	1000 x 1000 mm
Minimum table, including single handle for machine 10'	1210 mm
Round table, 40° range at 1' 30"	1000 x 1000 mm
Round table, 40° range at 1' 30"	1000 mm
Round table, 40° range at 1' 30"	1000 mm
Round table, 40° range at 1' 30"	1000 mm

Control System

100% CNC (Microprocessor control system) (table control)

Cooling/Lubrication System - Lubrication

Capacity of the working lubricant tank
Filter of delivery system
Lubrication automatic control

Electricity

Operational voltage	400 V, 50 Hz
Control voltage	240 V, 50 Hz (230V)
Total installation value	14 kW
Total installation value with VFD	15 kW

Dimensions - Weight

1000 x 1000 x 1000 mm including different extension table
Weight including weight
Space required (length x width)
Total weight including operation, different extension table,
tool changer and total installation

14000 kg

Tool Changer - Tool Magazine

Type	1000/100
Maximum number of tools	4
Maximum	
Compressed air supply	6-10 bar
Compressed air consumption at 1.5 bar	approx. 100 l/min
Compressed air consumption with optional spindle drive and device	approx. 100 l/min
Compressed air consumption at 1.5 bar with the stop gate at 100% (the machine has the	approx. 100 l/min
condition for long life of the pneumatic components)	

1.4

1.4 Technical Details

1.4.1 Technical Details

Motor Drive

Power of the spindle motor (HP) (with 1.1 kW actual motor 100%)	4.000 HP
Spindle speed range	40 - 4000 rpm
Electromechanical spindle control gear ratio	100:1 (100:1000)
Four-quadrant inverter control	100:1 (100:1000)
Hydro-mechanical tool-changing, changing horizontal/vertical	10:1 (10:100)
Hydro-mechanical tool-changing, changing horizontal/vertical	10:1 (10:100)
Spindle diameter at flow (horizontal/vertical)	100 mm (100)
Spindle control, vertical	10 mm

Feed Drive

Four-quadrant feed drive, AC inverter	1...1000 (1000:1000)
Four-quadrant X, Y, and Z axes (intermediate/intermediate)	1...1000 (1000:1000)
Four-quadrant all axes (intermediate/intermediate)	10:1 (10:100)
Approximate accuracy	10 microns

Spindle Control

Maximum number of simultaneous tool-changing in 4-quadrant machine
Inter-queue time (1000) (average 1 section 1 and 2)

10-100 (2)

Working Range

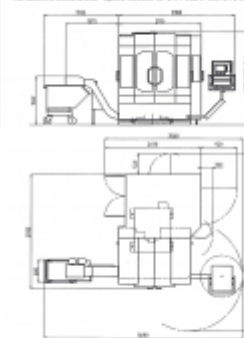
Longitudinal	4 axis	1000 mm
Transverse	7 axis	1000 mm
Vertical	2 axis	1000 mm

Mounting Options

Steel construction in C, Y, and Z axes	10 t
Aluminum	10 t
Steel construction	10 t
Aluminum	10 t
Aluminum, 1000 mm	1000 mm
Aluminum, 1000 mm	1000 mm

1.5 Machine Dimensions - Space Needed

1.5.1 Machine Dimensions - Space Needed for 1000/1000/1000/1000/1000/1000



1.5