



MACHINE-DATA

Machinetype	: Planer-Type Milling M/C - Double Column
Make	: WALDRICH COBURG
Type	: POWERTEC 4000 AP
Year	: 1995
Control type	: SIEMENS 840 C
Control	: SIEMENS 840 C
Storage location	:
Origin	:
Delivery time	: immediate
Quotation	:
Price	: on request



TECHNICAL DATA

x-travel	14000 mm
y-travel	5000 mm
z-travel	1500 mm
Controls	SIEMENS 840 C
WORKING RANGE -MILLING-	.
- x-axis traverse	14000 mm
- y-axis traverse	5000 mm
- z-axis traverse	1500 mm
- w-axis traverse	3000 mm
PORTAL / BRIDGE	.
- Passage height	4500 mm
- distance between columns	4000 mm
TABLE	.
- clamping surface (left-right)	9000 mm
- clamping surface (front-back)	3000 mm
- workpiece load (max)	100000 kg
WORKING SPINDLE / HEAD	.
- spindle type : vertical	.
- spindle revolutions (min)	2 /min
- spindle revolutions (max)	2500 /min
- number of gears	2
- spindle diameter	200 mm
- taper fixture : ISO SK 50	.
- drive power (max)	113 kW
- spindle power (continuous)	106 kW
- torque (max.)	9500 Nm



AXIS DRIVES

- traverse velocity x (min)	1 mm/min
- traverse velocity x (max)	10000 mm/min
- traverse velocity y (min)	1 mm/min
- traverse velocity y (max)	10000 mm/min
- traverse velocity z (min)	1 mm/min
- traverse velocity z (max)	10000 mm/min
- feed velocity w (min)	1 mm/min
- feed velocity w (max)	2000 mm/min
- rapid traverse x	20000 mm/min
- rapid traverse y	20000 mm/min
- rapid traverse z	20000 mm/min
- rapid traverse w	2000 mm/min

ELECTRICAL SPECIFICATIONS

- mains voltage	400 V
- mains frequency	50 Hz

DIMENSIONS / WEIGHTS

- height above floor level	8590 mm
- total weight approx.	360000 kg

ATTACHMENTS

- angular milling head : yes	.
- autom. tool clamping : yes	.
- ball spindles : yes	.
- guideway covers : yes	.
- coolant unit : yes	.
- high pressure cooling syst. (through spindle)	.
- closed cabin : yes	.
- chip conveyor : yes	.

TECHNICAL DESCRIPTION

Technical description :

PLANER TYPE MACHINING CENTER WITH 2 PALLETS 9000 x 3000 mm:

- Tool changer with 420 tools
- Head pick-up system
- Video monitoring via camera
- High pressure lubrication unit for inner cooling 70bar

AVAILABLE HEADUNITS:

- Fixed angle head HS800C600 105 kW 600 long
- Fixed angle head HSD350C850 50 kW 850 long
- Fixed angle head HSD 40C880 12 kW 880 long
- Fixed angle head HSD 190C1000 30 kW 1000 long
- Vertical spindle unit VS800C 105 kW 900 long
- Universal spindle unit USIO40C 20 kW B-axis rotatable at 1° at a time
- Angle spindle unit SO800C905 - 22,5° fix
- Angle spindle unit HSE1200CS -25° fix

Planer-Type Milling M/C - Double Column
WALDRICH COBURG
POWERTEC 4000 AP
Stock no. :1048-740868



- Universal spindle unit (fork milling) USP475C 75 kW 1/2° Hirth

One additional drilling extension SE 350C plus 1 SE500C.

Description of condition :

both identical machines are retrofitted by WALDRICH COBURG in 2011.

The x travel was extended to totally 14.000 mm.

A pallet changing system was installed.

Both machines are under power and can be inspected by appointment.

VIDEO: <https://youtu.be/1QQV0A5vzf0>

VIDEO-LINKS

WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Planer-Type_Milling_M_C_-_Double_Column/WALDRICH_COBURG/POWERTEC_4000_AP/1048-740868



MACHINE PICTURES

