



MACHINE-DATA

Machinetype : Planer-Type Milling M/C - Double Column
 Make : WALDRICH SIEGEN
 Type : POWERTEC 4000 AP
 Year : 1995
 Control type : SIEMENS 840 C
 Control : SIEMENS 840 C
 Storage location : Königsbronn
 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 ? EACH WITH 3 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 HEAD UNITS:

- 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 SIEGEN
POWERTEC 4000 AP
Stock no. :1048-739559



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

One additional drilling extension SE 350C plus 1 SE500C.

Description of condition :

*In 2011/2012 these 2 identical machines were retrofitted and rebuilt by WALDRICH COBURG.
The milling length was extended to 14meters and an automatic changing system for table pallets was installed.
Both machines can be seen under power by prior appointment.*

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

VIDEO-LINKS

WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Planer-Type_Milling_M_C_-_Double_Column/WALDRICH_SIEGEN/POWERTEC_4000_AP/1048-739559



MACHINE PICTURES

