



Two Planer Type Machining Centers - Vertical

Stock number **7-31035**
Make **WALDRICH COBURG**
Model **MC 3500 AP-M3**

Control **CNC controls SIEMENS 840 D**

Condition ★★★★★★☆☆



Working Range -milling-

x-axis travel	5000 mm
y-axis travel	6375 mm
z-axis travel	1250 mm
w-axis travel	2750 mm

Portal / Bridge

distance between columns	3500 mm
max. distance spindle ... clamping surface	3750 mm

Pallet changer

number of pallets	5
clamping surface (left-right)	4000 mm
clamping surface (front-back)	3000 mm
workpiece load (max)	40000 kg

working spindle / head

spindle revolutions (min)	5 /min
spindle revolutions (max)	5000 /min
number of gears	2

working spindle / head

taper fixture	HSK A100
drive power (max)	63 kW
torque (max.)	3300 Nm

Axis drives

feed rate x (max)	10000 mm/ min
feed rate y (max)	10000 mm/ min



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feed rate z (max)	1000 mm/ min
feed velocity w (max)	3500 mm/ min
rapid traverse x	30000 mm/ min
rapid traverse y	30000 mm/ min
rapid traverse z	20000 mm/ min
rapid traverse w	3500 mm/ min

Tool magazine

number of positions	200
tool diameter max.	135 mm
- with free neighbour positions	360 mm
tool length max.	600 mm
tool weight max.	75 kg

Electrical specifications

mains voltage	380 V
mains frequency	50 Hz

attachments

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

Attachments

Milling and drilling unit have 1/2° 'HIRTH' gear ring

Aggregate Tension 320 KN

- 2 vertical spindle units VS 330C/M3, 105mm & 700mm lg. 63 kW

- Horizontal spindle unit (vertical milling head) HS330C/M3, max 63 kW, 4000 1/min, HSK 100.

- Planing Turnout unit TVS840-D500BC/M3

- Planing Turnout unit TVS840-D800BC/M3

Description of condition

These 2 (two) WALDRICH COBURG machines are in an absolute top condition!



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- 1st Waldrich Coburg YOM 2001, started being operational in 2002
 - 2nd Waldrich Coburg YOM 2004, Started being operational in 2005
- Both machines have an independent SIEMENS SINUMERIK 840D CNC control.
Both Waldrichs have each an independent tool changer for 200 tools

Please watch videos on:

<https://youtu.be/6tCiSylvLQA>

<https://youtu.be/NbP8DImW348>

Technical description

Planer Type Milling machine with pallet changer.

Especially suitable for:

- Diesel engine manufacturing for Locomotive and construction vehicles
- Heavy duty gear boxes
- Turbine housings
- Huge pump housings
- Machine beds
- Moulds and tools
- Production of heat exchangers.

Please note : excellent height distance from table to spindle nose is 3750 mm!!



Data / Pictures

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