



**GOEDICKE**  
WERKZEUGMASCHINEN



**Goedicke Werkzeugmaschinenhandels GmbH**

Heinz-Nixdorf-Str. 2  
D-74172 Neckarsulm  
+49-(0)7132-999 360

info@goedicke.com  
www.goedicke.com

## Planer Type Milling Machine - Universal

Stock number **7-40868**  
Make **WALDRICH SIEGEN**  
Model **POWERTEC 4000 AP**

Control **CNC controls SIEMENS 840 C**

Year of construction **1997**

### basic design

basic design

portal type

### Working Range -milling-

|               |          |
|---------------|----------|
| x-axis travel | 14000 mm |
| y-axis travel | 5000 mm  |
| z-axis travel | 1500 mm  |
| w-axis travel | 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





|                       |                  |
|-----------------------|------------------|
| feed rate x (min)     | 1 mm/<br>min     |
| feed rate x (max)     | 10000 mm/<br>min |
| feed rate y (min)     | 1 mm/<br>min     |
| feed rate y (max)     | 10000 mm/<br>min |
| feed rate z (min)     | 1 mm/<br>min     |
| feed rate z (max)     | 10000 mm/<br>min |
| feed velocity w (min) | 1 mm/<br>min     |
| feed velocity w (max) | 2000 mm/<br>min  |
| rapid traverse x      | 20000 mm/<br>min |
| rapid traverse y      | 20000 mm/<br>min |
| rapid traverse z      | 20000 mm/<br>min |
| rapid traverse w      | 2000 mm/<br>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) | yes |
| closed cabin                                  | yes |
| chip conveyor                                 | yes |

### **Description of condition**



**GOEDICKE**  
WERKZEUGMASCHINEN



**Goedicke Werkzeugmaschinenhandels GmbH**

Heinz-Nixdorf-Str. 2  
D-74172 Neckarsulm  
+49-(0)7132-999 360

info@goedicke.com  
www.goedicke.com

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>

### **Technical description**

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

One additional drilling extension SE 350C plus 1 SE500C.



### **Data / Pictures**

Get technical data and pictures via WhatsApp now!



### **Data / Pictures**

Get technical data and pictures via WhatsApp now!

