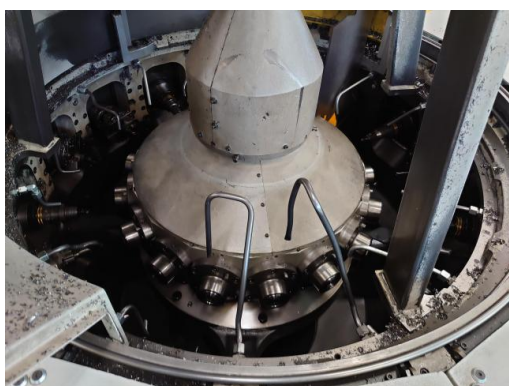


## PIFFNER - HYDROMAT PT 45/16

**Kind : Cnc horizontal transfer machine**  
**Manufacturer : PFIFFNER - HYDROMAT**  
**Model : PT 45/16**  
**Year : 2015**  
**Serial : PT45/16-6**  
**Stock : T12885**



### TECHNICAL DETAILS

|                                       |                            |
|---------------------------------------|----------------------------|
| - Number of axes                      | : 48                       |
| - Number of posts                     | : 16                       |
| - Number of units                     | :                          |
| - Number of possible horizontal units | : 16                       |
| - Number of possible vertical units   | : 7                        |
| - Max. diameter                       | : 45 [mm]                  |
| - Max. part width                     | : 150 [mm]                 |
| - Basis unit GM50/150                 | :                          |
| * Stroke Z                            | : 150 [mm]                 |
| * Spindle power                       | : 5 [kW]                   |
| * Spindle speed                       | : 0 - 8000 [Rpm]           |
| - Slide X/Y                           | :                          |
| * Strokes X                           | : +/- 40 [mm]              |
| * Strokes Y                           | : +/- 20 [mm]              |
| - Dimensions                          | : 14000 x 4800 x 3000 [mm] |
| - Weight                              | : 13 [t]                   |
| - Number of hours                     | : 4283 [h]                 |

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**EQUIPMENT**

- Control CNC Bosch Rexroth INDRAMOTION  
MTX-L85

- Post 1 :  
\* sawing unit 52/100 3 axes

- Post 2 :  
\* slide 50/150 (manual adjustment) ref.  
22.10.002-1  
\* unit 50/150 ref 22.42.001-6 (1 axis)  
\* coolant through spindle

- Post 3 :  
\* slide 50/150 (manual adjustment) ref.  
22.10.002-1  
\* unit 50/150 ref 22.42.001-6 (1 axis)  
\* coolant through spindle

- Post 4 :  
\* slide 50/150 (manual adjustment) ref.  
22.10.002-1  
\* unit 50/150 ref 22.42.001-6 (1 axis)  
\* coolant through spindle

- Post 5 :  
\* slide CNC 50/150 ref 22.10.001-4 (2 axes)  
\* unit CNC 50/150 ref 22.42.001-6 (with CNC  
turning function)  
\* coolant through spindle

- Post 6 :  
\* slide CNC 50/150 ref 22.10.001-4 (2 axes)  
\* unit CNC 50/150 ref 22.42.001-6 (with CNC  
turning function)  
\* coolant through spindle

- Post 7 :  
\* slide 50/150 manual adjustment ref  
22.10.002.1  
\* unit recessing ref 22.42.041.1

- Post 8 :  
\* slide CNC 50/150 ref 22.10.001.4 (2001)  
\* unit CNC 50/150 ref 22.42.001.6 (with CNC  
turning function)

- Post 9 :  
\* slide CNC 50/150 ref 22.10.001.4  
\* recessing unit ref 22.42.039.2

- Post 10 :  
\* slide 50/150 manual adjustment ref  
22.10.002.1  
\* recessing unit ref 22.42.039.8

- Post 11 :  
\* slide CNC 50/150 ref 22.10.001.4  
\* unit 50/150 ref 22.42.001.6 (CNC turning  
function)

- Post 12 :  
\* slide 50/150 ref 22.10.002.1  
\* recessing unit ref 22.42.041.1

- Post 13 :  
\* slide CNC 50/150 ref 22.10.001.4  
\* recessing unit ref 22.42.041.1

- Post 14 :

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\* slide CNC 50/150 ref 22.10.001.4  
\* unit CNC 50/150 ref 22.42.001.6 (turning  
function)  
- Post 15 :  
\* slide CNC 50/150 ref 22.10.001.4  
\* unit CNC 50/150 ref 22.42.001.6 (turning  
function)  
\* coolant through spindle  
- Post 16 :  
\* slide CNC 50/150 ref 22.10.001.4  
\* unit CNC 50/150 ref 22.42.001.6 (turning  
function)  
\* coolant through spindle  
- Bar feeder length 4 m  
- Coolant tank KNOLL (2000 Liters)  
with HP pump 60 [bars]  
- Chips conveyor