

HEYLIGENSTAEDT

Heynumill 2700-PF

Stock no. :1022-E06190

MACHINE-DATA

Machinetype : Planer-Type Milling M/C - Double Column
Make : HEYLIGENSTAEDT
Type : Heynumill 2700-PF
Year : 2002/2018 retrofit
Control type : CNC
Control : Heidenhain TNC 430 M
Storage location : Germany
Origin : Germany
Delivery time : Immediately
Quotation : ex foundation
Price : on request



TECHNICAL DATA

x-travel	3000 mm
y-travel	4000 mm
z-travel	1500 mm
Control	Heidenhain TNC 430 M
total power requirement	120 kVA
weight of the machine ca.	83,2 t

TECHNICAL DESCRIPTION

3/5 axes CNC portal milling machine with integrated C-axis and changeable milling heads.

The machine had a purchase price of € 1.4 million in 2002.

An inspection in the seller's plant under power is possible after previous appointment.

Condition:

The machine was overhauled in 2018, costs of over € 100.000,-.



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-
- Drives of the X-axis renewed
 - New hydraulic power unit
 - Complete electrical wiring renewed
 - Spindle cooling unit new
 - 2 pieces longitudinal conveyors new
 - Coolant pump new
 - Cover complete X-axis new
 - Bellows Y-axis new
 - Exchange measuring ruler X-axis
 - Fork head spindle bearing new
 - Belleville spring assembly new
 - Drive motor A-axis new
 - Spindle cone ground
 - Overhaul milling gear (2020)

Working range

Travels

X-axis 3000 mm

Y-axis 4000 mm

Z-axis 1500 mm

Max. column passage 2700 mm

Max. Distance between work table and spindle nose:

Lower edge of ram interface min./max. 660 mm / 2160 mm

Workpiece table

Length 3000 mm

Width 2000 mm

Load 4 t/m²

T-slots 28 H8

Rapid traverse

X-axis 15000 mm/min

Y-axis 15000 mm/min

Z-axis 15000 mm/min

Equipment:

CNC control Heidenhain TNC 430 M



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Milling heads:

Straight milling head type FK 120/450

Outside diameter 280 mm

Tool holder SK 50

power max. 67 kW

max. speed 5000 rpm

Coolant supply through the spindle, via adjustable nozzles

1-axis fork-type milling head type FK 100/2D

tool holder SK50

power max. 67 kW

max. speed 4000 rpm

swiveling range A/B axis +105°/-95°

Coolant supply via adjustable nozzles

Coolant tank 1.000 l

Chip conveyor system

Change head station

Weight specifications:

1 Y-slide 7000 kg

2 ram 10000 kg

3 column 1 8000 kg

4 column 2 8000 kg

5 crossrail 28000 kg

6 Bed/table 20000 kg

7 Hydraulic power unit 1000 kg

8 Cooling unit 1200 kg

9 Coolant tank ???

Total 83200 kg

VIDEO-LINKS

WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-E06190>

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Technical details and information subject to amendments and errors.

Knops Werkzeugmaschinen GmbH & Co. KG

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