



TRANSFER AND ENTREPRENEUR CENTRE

CNC-Portal milling machine

CNC-Portal milling "The Rising Phenix"

The Rising Phenix can be used to mill out contours and shapes from an original work piece.

Training period for independent usage, without previous knowledge: approx. 20h

Profile



The Rising Phenix is a fixed gantry CNC portal milling machine

Working space	X:492 mm; Y:293 mm; Z:245 mm
Process speed	1500 mm/min
Milling spindle	HF-Spindle mit 2.800-18.000 1/min bei 2,2 kW max.
Controlling (Hardware)	Triple BEAST, 48V
Controlling (Software)	Linux CNC v2.7 (processed DIN-ISO-G-Code)
Tool cooling	Cloud spray
Machinable materials	For example: wood, plastic, rubber, aluminium, structural steel*

*at low feeds and work interventions

Short introduction and example processing

Instructions for operating the CNC portal milling machine

There are two instructions ready, they must be processed one after the other

1. Instruction for creating machine code
2. Instruction for operating the machine