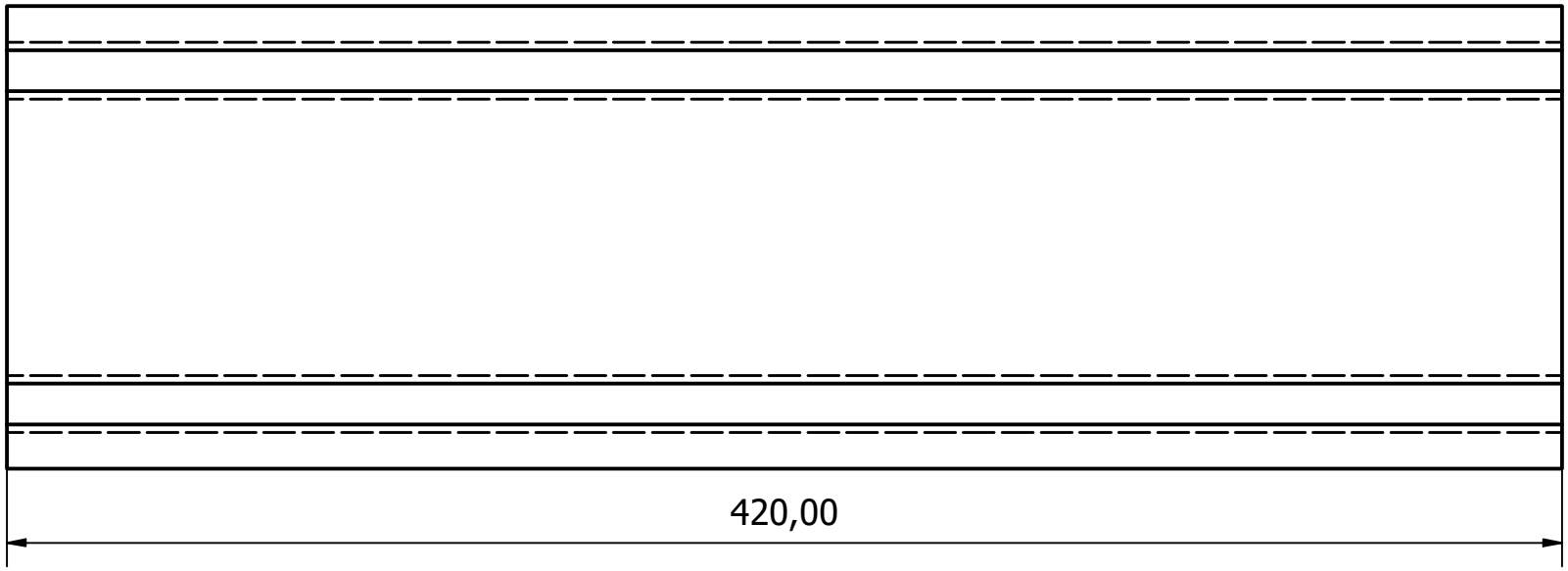
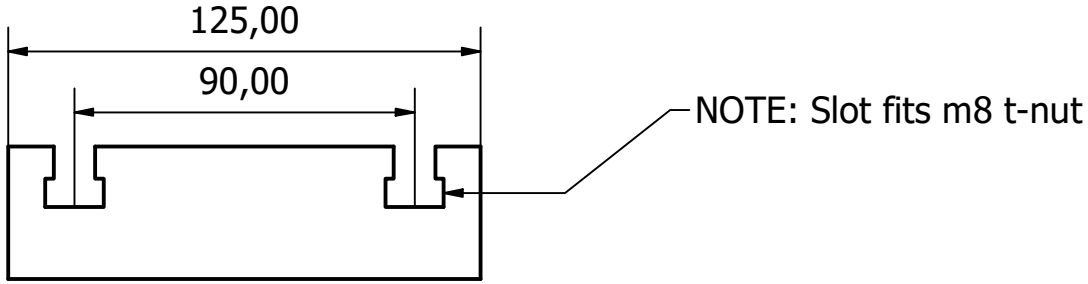




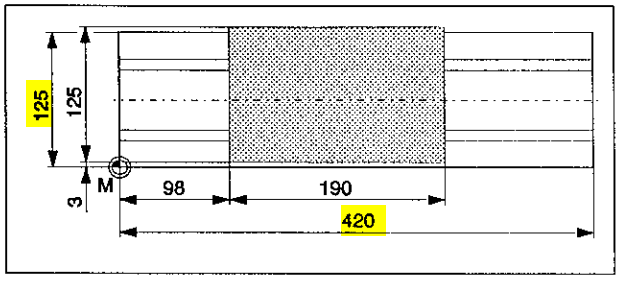
Designed by	Checked by	Approved by	Date		Date	
MichaelWoodcock					2/2/2023	

Table		Edition	Sheet 1 / 1

Working area

Working area in X- and Y-axes

Traversing path X-axis ..... 190 mm
Traversing path Y-axis ..... 125 mm



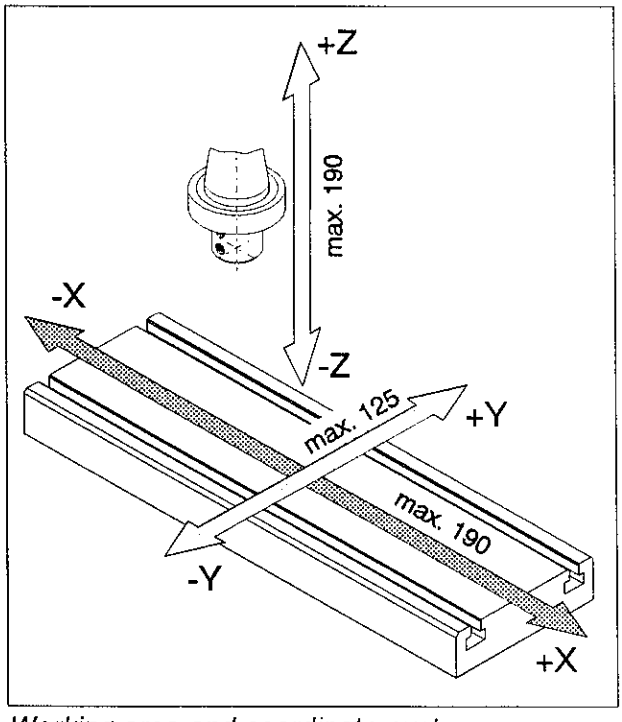
Traversing paths of the X- and Y-slides

Note:
Mind that the clamped workpieces in the traversing area of the milling cutters are clamped at the milling table.

Working area in Z-axis

The working area in Z-direction depends on the length of the clamped workpiece.
Further details are to be found at the respective clamping device.

effective Z-stroke ..... 190 mm



Working area and coordinate system

Limitation of traversing paths

The traversing paths of the slides are limited by software limit switches.
When reaching a software limit switch the respective feed motor stops and a message is indicated at the monitor of the control.
By means of the software limit switches a mechanical overload of the axis spindles due to fixed stops is avoided.

Coordinate system

The coordinate system is turning in clockwise direction. The origin lies in the machine zero point M or in the workpiece zero point W.

Technical data of the machine

Working Area		
Slideway longitudinal (X-axis)	[mm]	190
Slideway cross (Y-axis)	[mm]	125
Slideway vertical (Z-axis)	[mm]	190
effective Z-stroke	[mm]	120
Distance spindle nose - table surface (milling spindle vertical)	[mm]	30-220
Distance spindle nose - table surface (milling spindle horizontal)	[mm]	82-272
Milling Table		
Clamping surface (L x D)	[mm]	420x125
Maximum table load	[kg]	10
2 T-slots	[mm]	11 m8 t-nut
Distance of T-slots	[mm]	90
Milling Spindle		
Spindle bearing	[mm]	ø35
Type of bearing		roller bearing
Clamping fixture similar to DIN 2079		SK30
Tightening bolt		works standard
Tool clamping		manual
Milling Spindle Drive		
A.C.-motor		
Power with 100%/60% D.C.	[W]	500/750
Nominal motor speed	[rpm]	1400
Speed range (infinitely variable)	[rpm]	100-3500
maximum torque on milling spindle	[Nm]	3,7
Drilling capacity in aluminium	[mm]	ø10
Thread-cutting capacity in aluminium	[mm]	M6x15
Feed Drives		
Step resolution/output resolution	[µm]	0,5
Operating feed in X/Y/Z (infinitely variable)	[mm/min]	0-2000
Rapid feed in X/Y/Z	[mm/min]	2000
max. feed force X/Y/Z	[N]	800/800/1000
Electrical Connection		
Power supply	[V]	100/110/230
maximum voltage fluctuations	[%]	+5/-10
Frequency	[Hz]	50/60
Connected load	[kVA]	0,9
Main fuse	[A-slow]	10

Subject to technical modifications!