

## Technical data of the machine

<b>Working Area</b>		
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
<b>Milling Table</b>		
Clamping surface (L x D)	[mm]	420x125
Maximum table load	[kg]	10
2 T-slots	[mm]	11
Distance of T-slots	[mm]	90
<b>Milling Spindle</b>		
Spindle bearing	[mm]	ø35
Type of bearing		roller bearing
Clamping fixture similar to DIN 2079		SK30
Tightening bolt		works standard
Tool clamping		manual
<b>Milling Spindle Drive</b>		
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
<b>Feed Drives</b>		
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
<b>Electrical Connection</b>		
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!*