

Specifications 30 P



Performance

		Standard	Option
Drilling capacity in steel E 335 / AISI 1040	mm	40	60
Tapping in steel E 335 / AISI 1040	M	24	30
Milling capacity E 335 / AISI 1040	cm ³ /min	250	400

Main spindle drive (motor spindle)

Power at 40% c.d.f.	kW	16/ (20)	30
Speed range	rpm	20 - 9,000/ (12,000/15,000/18,000)	
Torque max.	Nm	100/ (127)	190

Feed rates

Feed X-axis	N	22,000
Feed Y-/Z-axis	N	11,000
Rapid traverse speed	m/min	30
Programmable feed	mm/min	30,000

Tool spindle

Taper		SK40 - DIN 69 871/72 form A/ (HSK 63A)
with internal cooling (optional)		SK40 - DIN 69 871/72 form B/ (HSK 63A)
Spindle diameter	mm	70
Tool mounting/tightening force	N	12,000

Tool magazine

Capacity		24/ (36/48/72/96)
Max. tool diameter	mm	70/130
Max. tool length	mm	300

Tool change

Tool change time	sec.	approx. 4.5
Chip-to-chip time	sec.	approx. 9.8
Tool pocket coding		variable

Control

CNC path control	BOSCH/Heidenhain/Siemens 840D

Machining area

X-axis	mm	1,500/ (up to 12,000)
Y-axis	mm	1,000/ (1,500/2,000/2,500/3,000/3,500)
Z-axis	mm	500/ (up to 1,300)
Distance spindle nose to table	mm	200 - 700
Machine table	mm	1,100/ (1,600/2,100/2,600/3,100/3,600)
T-slots		6 x 18 H 10

General specifications

Power supply	kVA	40
Compressed air connection	bar	6