

# Specifications for SPECHT® 800 / 800+

SPECHT® 800 [800+]		B-axis direct load	A-axis direct load
<b>Linear axis</b>			
X-axis	mm	1400	1400
Y-axis, disk [chain]	mm	1050 [1400]	1050 [1400]
Z-axis	mm	1400	1400
Rapid traverse X, Y, Z axes	m/min	60	60
Acceleration X, Y, Z axes	m/s	5	5
<b>Rotary axis</b>			
Axis speed	rpm	40	40
Axis resolution	dgr	360 000 x 0.001°	360 000 x 0.001°
Table size	mm	ø 900	-
Fixture services – table	ports	10+1	10+1
Interference diameter	mm	ø 1500	ø 1400
Interference height / length	mm	1475 [1775]	1680
Maximum table load	kg	3000	2000
<b>Tool storage</b>			
Spindle interface		HSK-A100	HSK-A100
Tool storage disk [options]		28 [60] [100]	28 [60] [100]
Maximum tool dia. disk [chain]	mm	140 [125]	140 [125]
Maximum tool dia. open pocket disk [chain]	mm	300 [325]	300 [325]
Chip-to-chip time disk [chain]	s	5.3 [5.3]	5.3 [5.3]
Tool length max.	mm	690	690
Tool weight max.	kg	25 [30]	25 [30]
<b>Spindle</b>			
Geared headstock (40% duty)	rpm / Kw / Nm	8000 / 78 / 2000	8000 / 78 / 2000
Geared headstock (40% duty)	rpm / Kw / Nm	6000 [10 000] / 47 / 1153	6000 [10 000] / 47 / 1153
Motor spindle (40% duty)	rpm / Kw / Nm	8000 / 38 / 378	8000 / 38 / 378
Motor spindle with draw bar (40% duty)	rpm / Kw / Nm	6000 / 52 / 250	6000 / 52 / 250

SPECHT® 800 [800+]		B- over A-axis direct load	B-axis pallet changer
<b>Linear axis</b>			
X-axis	mm	1400	1400
Y-axis, disk [chain]	mm	1050 [1400]	1050 [1400]
Z-axis	mm	1400	1400
Rapid traverse X, Y, Z axes	m/min	60	60
Acceleration X, Y, Z axes	m/s	5	5
<b>Rotary axis</b>			
Axis speed	rpm	40	40
Axis resolution	dgr	360 000 x 0.001°	360 000 x 0.001°
Table size	mm	ø 700	ø 900
Fixture services – table	ports	6+1	10+1
Interference diameter – A-axis	mm	ø 1400	-
Interference height / length – A-axis	mm	1680	-
Interference diameter – B-axis	mm	ø 1200	ø 1500
Interference height – B-axis [chain]	mm	850	1300 [1600]
Maximum table or pallet load	kg	1000	2500
<b>Tool storage</b>			
Spindle interface		HSK-A100	HSK-A100
Tool storage disk [options]		28 [60] [100]	28 [60] [100]
Maximum tool dia. disk [chain]	mm	140 [125]	140 [125]
Maximum tool dia. open pocket disk [chain]	mm	300 [325]	300 [325]
Chip-to-chip time disk [chain]	s	5.3 [5.3]	5.3 [5.3]
Tool length max.	mm	690	690
Tool weight max.	kg	25 [30]	25 [30]
<b>Spindle</b>			
Geared headstock (40% duty)	rpm / Kw / Nm	8000 / 78 / 2000	8000 / 78 / 2000
Geared headstock (40% duty)	rpm / Kw / Nm	6000 [10 000] / 47 / 1153	6000 [10 000] / 47 / 1153
Motor spindle (40% duty)	rpm / Kw / Nm	8000 / 38 / 378	8000 / 38 / 378
Motor spindle with draw bar (40% duty)	rpm / Kw / Nm	6000 / 52 / 250	6000 / 52 / 250