

Drilling Mass Production	N - Serie	Speedmaster	Speedmaster HDI	X - Serie
# of stations	5 / 6	5 / 6	5 / 6	6 / 7
Max Panelsize XY (from prism)	5 St. 656x650 (700) mm	5 St. 656x650 (700) mm	5 St. 656x650 (700) mm	6 St. 635x712 mm
	25,8"x25,5" (27,5")	25,8"x25,5" (27,5")	25,8"x25,5" (27,5")	25"x28"
	6 St. 558x650 (700) mm	6 St. 558x650 (700) mm	6 St. 558x650 (700) mm	7 St. 546x712 mm
	21,9"x25,5" (27,5")	21,9"x25,5" (27,5")	21,9"x25,5" (27,5")	21,4"x28"
XXL version	1030 mm	1030 mm	1030 mm	not available
Panelsize in Y	40,5"	40,5"	40,5"	
Base	Granite	Granite	Granite	Granite
XY - Motor / Vmax	Linear Motor 80 m/min	Linear Motor 100 m/min	Linear Motor 100 m/min	Linear Motor 80 m/min
Z - Motor / Vmax	AC motor with lead screw - 25 m/min	Linear Motor 25 m/min	Linear Motor 25 m/min	AC motor with lead screw - 25 m/min
# of max tools tool boxes	2 x 154 / –	2 x 154 / 3300 <i>optional JTC 6x50</i>	2 x 154 / 3300 <i>optional JTC 6x50</i>	2 x 154 / –
Prism slot tooling system / Pin diameter	Yes / 2 - 5 mm Standard: 3.175 mm	Yes / 2 - 5 mm Standard: 3.175 mm	Yes / 2 - 5 mm Standard: 3.175 mm	Yes / 2 - 5 mm Standard: 3.175 mm
Spindle	T200	T200	T200, SM250S, Ps300	T180
Accuracy	+/- 25 µm	+/- 25 µm	+/- 25 µm	+/- 25 µm
Cpk Value (Schmoll System)	>1.67	>1.67	>1.67	>1.67
Applications				
Drilling	+++	+++	+++	+++
Depthdrilling	+	+	+++	+
Slot drilling	+++	+++	+++	+++
Microdrilling	+	++	+++	+
	++ = pretty good	+ = good	– = not recommended	+++ = excellent
Options				
Toolchain	5 St. 6200 tools 6 St. 4680 tools	5 St. 6200 tools 6 St. 4680 tools	5 St. 6200 tools 6 St. 4680 tools	–
Broken bit detection	✓	✓	✓	✓
Quick Drill	✓	✓	✓	✓
3 - pos pressure foot	–	✓	✓	–
2 - pos pressure foot	✓	–	–	✓
Quick tool change	✓	✓	✓	✓
Contact depth drilling	✓	✓	✓	✓
OAC offset compensation	✓	✓	✓	✓
2nd measurement system	✓	✓	✓	✓
loader	✓	✓	✓	✓
Installation				
Weight	10,600 kg	10,600 kg	10,600 kg	11,500 kg
Max floor loading *	2000 kg/m²	2000 kg/m²	2000 kg/m²	2000 kg/m²
Dimensions LxBxH	4050x1920x1776 mm	4050x1920x1777 mm	4050x1920x1778 mm	4514x1920x1775 mm
Electric specification	380/400 V; ±5%	380/400 V; ±5%	380/400 V; ±5%	380/400 V; ±5%
	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	3 Phase; 23 KVA	3 Phase; 23 KVA	3 Phase; 23 KVA	3 Phase; 23 KVA
Pneumatic specification	7 - 7.5 bar	7 - 7.5 bar	7 - 7.5 bar	7 - 7.5 bar
* no further requirements				