



WORKING AREA

Clearance between columns	mm	2600 - 5100
Clearance under ram face	mm	2350 - 6000
X axis stroke (Table)	mm	5000 - 13000
Y axis stroke (Headstock)	mm	3600 - 6600
Z axis stroke (Ram)	mm	1500 - 4000
V axis (Crossrail - option)	mm	1100 - 3600

MILLING TABLE

Table or pallet size	mm	1500x4000 - 4000x12000
Load capacity	kg	up to 200000

TURNING TABLE

Table or pallet size	mm	Ø1250 - Ø6000
Load capacity	kg	up to 100000
Turning speed	rpm	up to 350

HEADSTOCK-RAM WITH DRIVER

Spindle transmission		Direct Drive
Spindle power (S1)	kW	66 - 82
Spindle torque (S1)	Nm	1175 - 2494
Spindle speed	rpm	4000 - 6000

HEADSTOCK-RAM WITH INTEGRATED C AXIS

Spindle transmission		Direct Drive / 4 ranges
Spindle power (S1)	kW	66 - 103
Spindle torque (S1)	Nm	1175 - 10730
Spindle speed	rpm	4000 - 6000

TT TT TT
2000 3000 4000

HEADSTOCK-RAM WITH BORING BAR

Boring spindle diameter	mm	130 - 160
W axis stroke (Boring spindle)	mm	800
Spindle transmission		Direct Drive
Spindle power (S1)	kW	78 - 82
Spindle torque (S1)	Nm	1743 - 2494
Spindle speed	rpm	4000 - 5000

LINEAR AXES FEATURES

X,Y,Z,W axes rapid feed	mm/min	up to 40000
V axis rapid feed	mm/min	up to 4000