

Family: CNC MACHINE CENTRES AND ROUTERS	Code: 003241
SubFamily: CNC Flexible Drilling & Inserting	
Brand: WEEKE	
Model: BHX 500	



X axis working area	3000 mm
Y axis working area	1000 mm
Main Electrospindle power	6 KW
Number of controlled axes	3 axes
Total number of drilling spindles	48
X axis work area	3000 mm
Y axis work area	1000 mm
X axis movement speed	138 m/min
Y axis movement speed	80 m/min
Z axis movement speed	50 m/min
Clamps to secure piece being processed	yes
No. collets	2

Automatic panel stacking system	yes
With	Motorized transfer
Boring units	2
BORING UNITS 1 Unit : top Vertical Boring Spindles : 36 Horizontal Boring Spindles in X : 8 Horizontal Boring Spindles in Y : 4 Total number of vertical + horizontal spindles : 48 BORING UNITS 2 Unit : bottom Vertical Boring Spindles : 36 Horizontal Boring Spindles in X : 8 Horizontal Boring Spindles in Y : 4 Total number of vertical + horizontal spindles : 48	
Router Spindles	2
ROUTER SPINDLES 1 Unit : top No. controlled axes : 3 Motor power : 6 kw r.p.m. : 18000 RPM ROUTER SPINDLES 2 Unit : bottom No. controlled axes : 3 Motor power : 6 kw r.p.m. : 18000 RPM	
Grooving unit	2
GROOVING UNIT 1 Unit : top Unit : with 0 / 90 degree positioning Max. tool diameter : 125 mm r.p.m. : 7500 RPM	

	GROOVING UNIT 2 Unit : bottom Unit : with 0 / 90 degree positioning Max. tool diameter : 125 mm r.p.m. : 7500 RPM
Control system	POWER CONTROL PC 85
Machine programming software	WOODWOP
Safety standard EC mark	yes
Protection structure for operating units with safety sensors	yes
Protective mesh secured to the machine	yes
Safety system	Front safety mats
Total installed power	20 KW