

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



X axis working area	118.11 inch
Y axis working area	39.37 inch
Main Electrospindle power	6 KW
Number of controlled axes	3 axes
Total number of drilling spindles	48
X axis work area	118.11 inch
Y axis work area	39.37 inch
X axis movement speed	452.76 ft/min
Y axis movement speed	262.47 ft/min
Z axis movement speed	164.04 ft/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 : 8.05 hp

r.p.m. : 18000 RPM

ROUTER SPINDLES 2

Unit : bottom

No. controlled axes : 3

Motor power : 8.05 hp

r.p.m. : 18000 RPM

Grooving unit 2

GROOVING UNIT 1

Unit : top

Unit : with 0 / 90 degree positioning

Max. tool diameter : 4.92 inch

r.p.m. : 7500 RPM

	GROOVING UNIT 2 Unit : bottom Unit : with 0 / 90 degree positioning Max. tool diameter : 4.92 inch 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