

Family: CNC WORK STATIONS	Code: 004486
SubFamily: CNC for Flexible Drilling	
Brand: WEEKE	
Model: BHX 500 OPTIMAT	



Type of work	Drilling Routing
X axis working area	3000 mm
Y axis working area	1000 mm
Main Electrospindle power	6 KW
Total number of drilling spindles	84
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
No. work areas	1
Collet to secure piece being processed	yes

No. collets	2
Automatic panel loader system	yes
.	Motorised transfer
Automatic panel stacker system	yes
With	Motorised transfer
Bore operator units	2

BORE OPERATOR UNITS 1

Unit : top

Spindles for vertical boring : 32

Spindles for horizontal boring in direction X : 8

Spindles for horizontal boring in direction Y : 2

Total number of vertical + horizontal spindles : 42

BORE OPERATOR UNITS 2

Unit : bottom

Spindles for vertical boring : 32

Spindles for horizontal boring in direction X : 8

Spindles for horizontal boring in direction Y : 2

Total number of vertical + horizontal spindles : 42

Router Spindles	2
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ROUTER SPINDLES 1

Unit : top

No. controlled axes : 3

Motor power : 6 kw

r.p.m. : 17500 RPM

ROUTER SPINDLES 2

Unit : bottom

No. controlled axes : 3

Motor power : 6 kw

r.p.m. : 17500 RPM

Grooving unit	2
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GROOVING UNIT 1

Unit : top

Unit : with 0 / 90 degree position

Max. tool diameter : 125 mm

GROOVING UNIT 2

Unit : bottom

Unit : with 0 / 90 degree position

Max. tool diameter : 125 mm

Control system	POWER CONTROL PC 85
Safety standard CE mark	yes
Protective mesh secured to the machine	yes
Safety system	Front safety mats
Total installed power	20 KW