

Family: CNC WORKING CENTRE

Code:  
003932

SubFamily: Flexible Machine Centre

Brand: WEEKE

Model: BHT 500 PROFILINE



|              |                  |
|--------------|------------------|
| Type of work | Drilling Routing |
|--------------|------------------|

|                           |        |
|---------------------------|--------|
| Number of controlled axes | 3 axes |
|---------------------------|--------|

|                     |         |
|---------------------|---------|
| X axis working area | 2500 mm |
|---------------------|---------|

|                     |         |
|---------------------|---------|
| Y axis working area | 1400 mm |
|---------------------|---------|

|   |     |
|---|-----|
| Total number of drilling spindles (V+H) | 324 |
|---|-----|

|                  |         |
|------------------|---------|
| X axis work area | 2500 mm |
|------------------|---------|

|                  |         |
|------------------|---------|
| Y axis work area | 1400 mm |
|------------------|---------|

|  |     |
|--|-----|
| Suction cups to secure piece being processed | yes |
|--|-----|

|                        |     |
|------------------------|-----|
| with positioning by NC | yes |
|------------------------|-----|

|             |     |
|-------------|-----|
| Vacuum pump | yes |
|-------------|-----|

|                     |   |
|---------------------|---|
| Bore operator units | 4 |
|---------------------|---|

## BORE OPERATOR UNITS 1

Unit : top

Spindles for vertical boring : 64

Spindles for horizontal boring in direction X : 13

Spindles for horizontal boring in direction Y : 4

Total number of vertical + horizontal spindles : 81

## BORE OPERATOR UNITS 2

Unit : top

Spindles for vertical boring : 64

Spindles for horizontal boring in direction X : 13

Spindles for horizontal boring in direction Y : 4

Total number of vertical + horizontal spindles : 81

## BORE OPERATOR UNITS 3

Unit : top

Spindles for vertical boring : 64

Spindles for horizontal boring in direction X : 13

Spindles for horizontal boring in direction Y : 4

Total number of vertical + horizontal spindles : 81

## BORE OPERATOR UNITS 4

Unit : top

Spindles for vertical boring : 64

Spindles for horizontal boring in direction X : 13

Spindles for horizontal boring in direction Y : 4

Total number of vertical + horizontal spindles : 81

Router Spindles

4

## ROUTER SPINDLES 1

Unit : top

No. controlled axes : 3

Liquid cooling system : yes

## ROUTER SPINDLES 2

Unit : top

No. controlled axes : 3

Liquid cooling system : yes

ROUTER SPINDLES 3  
Unit : top  
No. controlled axes : 3  
Liquid cooling system : yes

ROUTER SPINDLES 4  
Unit : top  
No. controlled axes : 3  
Liquid cooling system : yes

|  |                     |
|--|---------------------|
| Control system   | POWER CONTROL PC 85 |
| Safety standard CE mark                                      | yes                 |
| Protection structure for operating units with safety sensors | yes                 |
| Safety system  | Safety photocells   |
| Waste chip conveyor  | yes                 |
| Total installed power  | 67 KW               |

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