

VERTICAL MACHINING CENTER



YL 850-B+APC 2 SLIDEWAYS

*High Speed with Automatic Pallet Changer
Excellent for Mass Production Lines!*

Outstanding Features

- X, Y, Z-axis travel: 850 x 540 x 450 mm
- Two linear ways on base
- Linear ways on three axes
- 8000 rpm belt-drive spindle
- BT40 spindle taper
- 24 arm type ATC
- Fully enclosed splash guard

PERFECTLY DESIGNED MACHINE STRUCTURE THROUGHOUT



TABLE UNITS

| | | |
|-----------------|-----------|-------------------------|
| Working Surface | mm (inch) | 700 x 500 (27.6 x 19.7) |
| Max. Table Load | kg (lbs) | 500 (250 x 2) |

TRAVEL

| | | |
|--|-----------|-----------------------|
| Longitudinal Travel (X) | mm (inch) | 850 (33.5) |
| Cross Travel (Y) | mm (inch) | 540 (21.2) |
| Headstock Travel (Z) | mm (inch) | 450 (17.7) |
| Distance Between Spindle End and Table Top | mm (inch) | 80 - 530 (3.1 - 20.8) |
| Distance Between Spindle Centre and Column Surface | mm (inch) | 640 (25.19) |

SPINDLE

| | | |
|---------------------------|-------|-------------------------|
| Spindle Nose | type | BT 40 / CAT 40 / DIN 40 |
| Spindle Speeds | r.p.m | 8000 |
| Mechanism of Transmission | type | Belt |

FEED

| | | |
|----------------------------|-----------------------|----------------------------------|
| Cutting Feed | mm / min (inch / min) | 10000 (393.7) |
| Rapid Traverse (X / Y / Z) | M / min (inch / min) | 36 / 36 / 24 (1416 / 1416 / 945) |

AUTO TOOL CHANGER (ATC)

| | | |
|-----------------------|-----------|------------|
| Tool Holder | type | BT 40 |
| Tool Storage Capacity | set | Arm 24 |
| Max. Tool Diameter | mm (inch) | 80 (3.1) |
| Max. Tool Length | mm (inch) | 300 (11.8) |
| Max. Tool Weight | kg (lbs) | 6 (13.2) |
| Tool to Tool | sec | 2.5 |

MOTORS

| | | |
|---|-----------|--|
| Spindle Motor Output (Cont. / 30 min.) | kw | FANUC (7.5 / 11) (15 HP) |
| Drive Motors X, Y, Z axis | (kw / hp) | 0iMD (8.4") (1.8/2.4)(1.8/2.4)(2.5/3.4) option 3iMB(10.4")(3/4) (3/4) (3/4) |

MACHINE SPACE & WEIGHT

| | | |
|-------------|-----------|---|
| Net Weight | mm (inch) | 2900 x 2850 x 2675(114.1 x 101.6 x 105.3) |
| Floor Space | kg (lbs) | 6050 (13310) |

■ The above specifications are subject to change without prior notice.

Hannsa
Precision

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