



T8TY / T8MY T8 Twin-Y / T8 Mill-Y

This new series offers the best conditions for challenging turning or milling operation and is designed primarily for heavy duty turning/milling operation with great mass production efficiency.

The T8 series offers three combinations for varieties of mass production given better access to the turret and 8” or 10” chuck and also efficient chip removal.

Specification

| Machine Type | | T8 TWIN-Y | T8 Mill-Y |
|--------------------------|--------------------------|---------------------|-----------------------|
| Mitsubishi Controller | | M80 | M80 |
| Main Spindle Capacity | Swing over Bed | 500mm | 500mm |
| | Swing over cross slide | 300mm | 300mm |
| | Max. Turning Dia. | 300mm | 300mm |
| | Max. Bar Working Dia. | 65mm | 65mm |
| | Max. Turning Length | 150mm | 150mm |
| | Chuck Size | KK6-185E60B | KK6-185E60B |
| | Main Spindle Nose | A2-6 | A2-6 |
| | Main Spindle Bore | 66mm | 66mm |
| | Max. RPM. | 3000rpm (4000rpm) | 3000rpm (4000rpm) |
| Sub- Spindle Capacity | Max. Turning Dia. | 200mm | ----- |
| | Max. Bar Working Dia. | 42mm | ----- |
| | Max. Turning Length | 150mm | ----- |
| | Chuck Size | KK5-173E42B | ----- |
| | Sub- Spindle Nose | A2-5 | ----- |
| | Sub- Spindle Bore | 32mm | ----- |
| | Max. RPM. | 4000rpm (6000rpm) | ----- |
| Tavel&Feed | Slant Bed Degree | 75 ° | 75 ° |
| | X1/Z1 Axis Travel | 150mm / 380mm | 150mm / 380mm |
| | Y1 Axis Travel | 80mm = ±40mm | 80mm = ±40mm |
| | X2/Y2/Z2 Axis Travel | --- / --- / 385mm | 470mm / 380mm / 280mm |
| Axes | Ball screw | Ø32mm-P10 | Ø32 ∩ P10 |
| | Linear Guide Way | 35mm | 35mm |
| | Y2 Axis Linear Guide Way | ----- | ----- |
| | Rapid Feed | 30m/min | 30m/min |
| ATC System | System 1 | BMT-55 Power Turret | BMT-55 Power Turret |
| | No of Tools | 12 | 12 |
| | Tool Holder | 25mm / 32mm | 25mm / 32mm |
| | System 2 | ----- | ----- |

| | | | |
|------------------|-------------------------------------|---------------------------------|---------------------------------|
| | No of Tools | ---- | ----- |
| | B Axis (option accessory) | ---- | ----- |
| | Tool Holder | ---- | ----- |
| Motor | Main Spindle | Servo Spindle 11kw | Servo Spindle 11kw |
| | Sub Spindle | Servo Spindle 3.7kw (5.5kw) | ----- |
| | X1/Y1/Z1 Axis | AC Servo 2.2 / 1.5 / 1.5kw | AC Servo 2.2 / 1.5 / 1.5kw |
| | X2/Y2/Z2 Axis | AC Servo --- / --- / 1.5kw | ----- |
| Hydraulic System | Pump Spec/Capacity | 1HP / 40L | 1HP / 40L |
| | Hydraulic Pressure/ Flow | 30 kg/cm ² / 12L/min | 30 kg/cm ² / 12L/min |
| Lubrication | Pump Spce/Capacity | 25W / 2L | 25W / 2L |
| | Max. Pressure | 15 kg/cm ² | 15 kg/cm ² |
| Coolant System | Pump Spec | TPH4T5K, 5Bar, 75 L/min | TPH4T5K, 5Bar, 75 L/min |
| | High Pressure Pump Spec | SF-30C, 25Bar, 30L/min | SF-30C, 25Bar, 30L/min |
| | Coolant Tank Capacity | 240L | 240L |
| Machine Size | Length without/with Chip Coveyor | 2450mm/3350mm | 2450mm/3350mm |
| | Machine Width/Height | 1650mm/1750mm | 1650mm/1750mm |
| | Machine Weight | 5700 kg | 5500 kg |
| | | | () Option |