

tz 8

CNC Lathes



 TEZMAKSAN

Frontier

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Meeting the various demands of the metal turning jobs.

- 30 degree slant design provides turning stability and easy chip removal.
- Employing FANUC β series spindle and axial servo motors.
- Linear guideways on both axes to reduce machining time and increase accuracy.
- Hydraulic tank with cooling unit equipped to reduce heat dissipation and enhance stability.



- Ultimate rib design result in a very rigid and sturdy structure.
- Big turret disc provides easiness in tool installation. Built-in coolant nozzles and channels are also provided in the turret disc.
- PLC controlled chip conveyor (when applicable) increases productivity.



Specifications & Options

ITEM		TZ 8	
SWING OVER BED	mm	φ420	
OVER CROSS SLIDE	mm	φ350	
MAX. TURNING DIA	mm	φ320	
MAX. WORK LENGTH	mm	480	
DRAW TUBE DIA	mm	φ52	
CHUCK SIZE	inch	8"	
SPINDLE DRIVE MOTOR (cont./30min.)	kw	9/13	
SPINDLE SPEED RANGE	rpm	4800	
SPINDLE NOSE	ASA	A2-6	
SPINDLE BORE	mm	φ62	
FRONT BEARING DIA	mm	φ100	
SPINDLE TAPER		1/20	
X AXIS TRAVEL	mm	185	
Z AXIS TRAVEL	mm	530	
X AXIS MOTOR	kw	3.3	
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X AXIS RAPID TRAVERSE	m/min.	30	
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GUIDEWAYS		Linear guideways	
TURRET MODEL		Servo	
NO. OF TOOL STATIONS		10	
SIZE OF EXTERNAL TURNING TOOL	mm	□25	
BORING BAR DIA	mm	φ32	
QUILL DIA	mm	φ58	
QUILL TRAVEL	mm	88	
TAILSTOCK TRAVEL	mm	410	
QUILL TAPER		MT #4	
POWER CONSUMPTION	kva	30	
COOLANT CAPACITY	liter	100	
COOLANT FLOW	l/min.	20	
TOTAL HEIGHT	mm	1580	
FLOOR SPACE	LENGHT WIDTH	mm mm	2550x1550
NET WEIGHT	kg	3380	

STANDARD ACCESSORIES

- Hydraulic tailstock
- 3-jaw hydraulic chuck
- Hydraulic system
- Hydraulic tailstock
- Live center
- Coolant system
- Morse Taper Sleeve
- Auto lubrication system
- Work light equipment
- Heat exchanger
- Soft jaw
- Foot switch for chuck clamp
- MPG hand wheel
- Operation & maintenance manuals
- Tool box
- Levelling pads
- OD tool holder
- Facing tool holder
- Boring bar holder & sleeves
- Drill sleeves

OPTIONAL ACCESSORIES

- Bar feeder
- Parts catcher
- Tool setter
- Parts conveyor
- Auto door
- Chip conveyor
- Chip bucket
- Transformer
- CE mark
- Safety torque limit clutch
- Hoisting hook package
- Levelling kit
- Bar feeder interface (LNS system)
- Additional tool holders and sleeves

All specifications, designs and characteristics shown in this catalogue are subject to change without prior notice.



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