

SPINNER.COM

COMPACT CNC TURNING CENTRE



Designed to machine parts with unsurpassed speed & accuracy

ASKAR GROUP

High Speed Turning Solution

TECHNICAL SPECIFICATION

DESCRIPTION	UNIT	VALUE
CAPACITY		
Swing over way covers	mm	350
Admit between centre	mm	375
Maximum turning length (with chuck)	mm	275
Maximum turning diameter	mm	220
JOB HOLDING		
Hydraulic chuck - Standard	mm	135 (5")
- Optional	mm	165 (6")
SLIDES		
Cross travel X-axis	mm	130
Longitudinal travel Z-axis	mm	375
Rapid rate X-axis	m/min	24
Z-axis	m/min	24
Ball screw X-axis (dia x pitch)	mm	32 x 10
Z-axis (dia x pitch)	mm	32 x 10
LM guide ways X-axis	HSR	35
Z-axis	HSR	35
MAIN SPINDLE (Standard)		
Spindle motor power	kW	7/9 or 5.5/7.5
Spindle bore diameter	mm	40
Spindle front bearing diameter	mm	80
Spindle nose		A2-5
Maximum bar capacity	mm	27
Spindle speed - Standard	rpm	4000
- Optional	rpm	5000
TURRET		
No. of stations	Nos.	8
Maximum boring bar capacity	mm	32
Tool cross section	mm	25 x 25
TAIL STOCK		
Quill diameter	mm	60
Quill stroke	mm	60
Thrust (maximum)	Kgf	350
Quill taper		MT 3
COOLANT		
Tank capacity	ltrs	100
Pump motor capacity	kW	0.25
MACHINE SIZE		
Weight (approximate)	kgs	3300
Dimension (L x B x H)	mm	1730 x 2000 x 1500
ACCURACY		
Positioning	mm	± 0.010
Repeatability	mm	± 0.003

Control System (standard) SINUMERIK-802D

- Simultaneous 2 axis control
- Process - oriented cycles
- Thread cutting cycles
- Direct drawing dimension programming
- Pitch error and backlash compensation
- Auto referencing
- Constant surface speed control
- RS-232C serial interface port
- 256Kb user memory
- Background editing
- Inch / Metric conversion
- Tool nose radius compensation
- G-Code compatibility with other controller
- Graphic simulation
- Look ahead facility
- Part count, time count and working time
- Electronic hand wheel

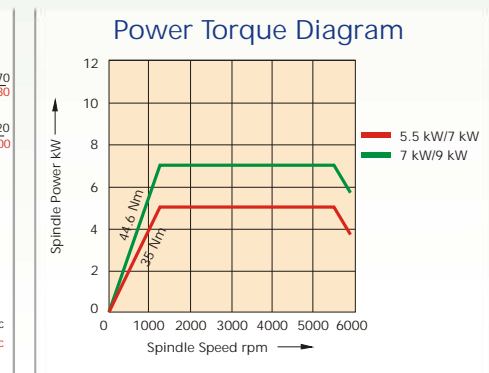
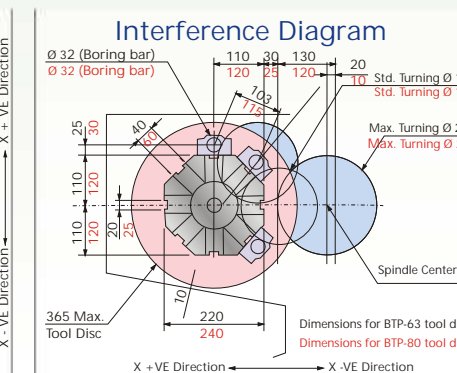
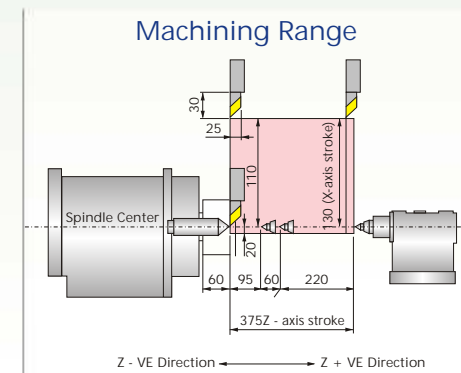
Control System (optional) FANUC-0iMate TC

Standard Features :

- AC digital spindle drive
- AC digital servo drive for both axes
- Linear motion guide ways for X and Z axes
- 8 station bi-directional turret
- 3 Nos boring bar holders
- 1 No. axial tool holder
- Coolant system
- Centralised and programmable lubrication
- Quality electrical devices with air conditioned panel
- Controlled temperature, humidity and dust free electronics
- Lube oil collector

Optional Features :

- Hydraulically operated tail stock
- Rotating center for tail stock
- Rear chip conveyor
- Bar feeder with bar puller
- Auto door
- Servo turret with live tools
- Part catcher
- Reduction sleeves
- Hydraulic collet chuck
- Renishaw probe for auto tool
- Tooled up machine to meet customer need



Note: Due to continuous improvement of the product, specifications are subject to change with out notice



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