

SPINNER 15



Classik CNC TURNING CENTRE



Built to machine parts with unsurpassed rigidity & precision

ASKAR GROUP

High Rigidity Turning Solution

TECHNICAL SPECIFICATION

DESCRIPTION	UNIT	VALUE
CAPACITY		
Swing over way covers	mm	400
Admit between centre	mm	525
Maximum turning length (with chuck)	mm	415
Maximum turning diameter	mm	360
JOB HOLDING		
Hydraulic chuck - Standard (solid)	mm	200 (8")
- Optional (hollow)	mm	250 (10")
SLIDES		
Cross travel X-axis	mm	185
Longitudinal travel Z-axis	mm	480
Rapid rate X-axis	m/min	24
Z-axis	m/min	24
Ball screw X-axis (dia x pitch)	mm	32 x 12
Z-axis (dia x pitch)	mm	32 x 12
LM guide ways X-axis	NRS	35
Z-axis	NRS	45
MAIN SPINDLE		
Spindle motor power - Standard	kW	11 / 15
- Optional	kW	12 / 16
Spindle nose		A2-6
Spindle bore diameter	mm	56
Spindle front bearing diameter	mm	100
Maximum bar capacity	mm	44
Spindle speed - Standard	rpm	3000
- Optional	rpm	4000
TURRET		
No. of stations	Nos.	8
Maximum boring bar capacity	mm	40
Tool cross section	mm	25 x 25
TAIL STOCK		
Quill diameter	mm	80
Quill stroke	mm	80
Thrust (maximum)	Kgf	400
Quill taper		MT4
COOLANT		
Tank capacity	ltrs	160
Pump motor capacity	kW	0.75
MACHINE SIZE		
Weight (approximate)	kgs	4000
Dimension (L x B x H)	mm	2100 x 1400 x 2000
ACCURACY		
Positioning	mm	± 0.010
Repeatability	mm	± 0.005

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

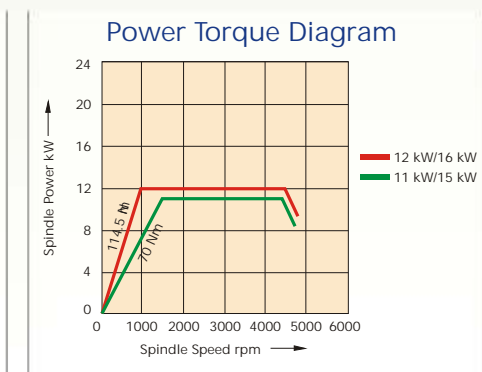
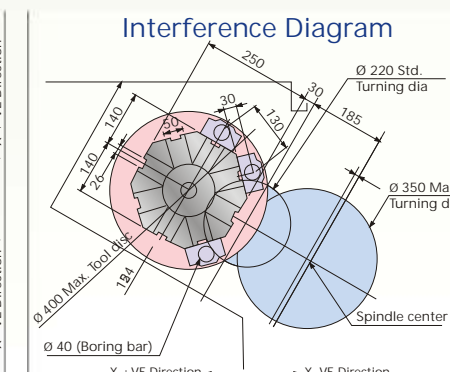
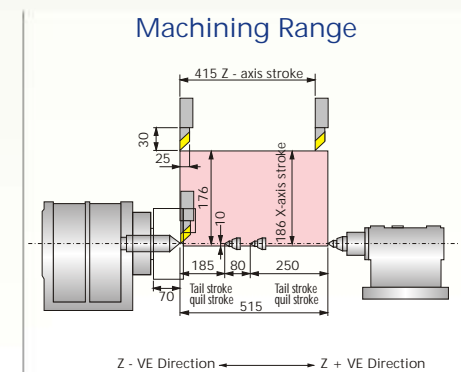
Control System (optional) FANUC-0iMate TC

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 or side 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
- Tool 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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