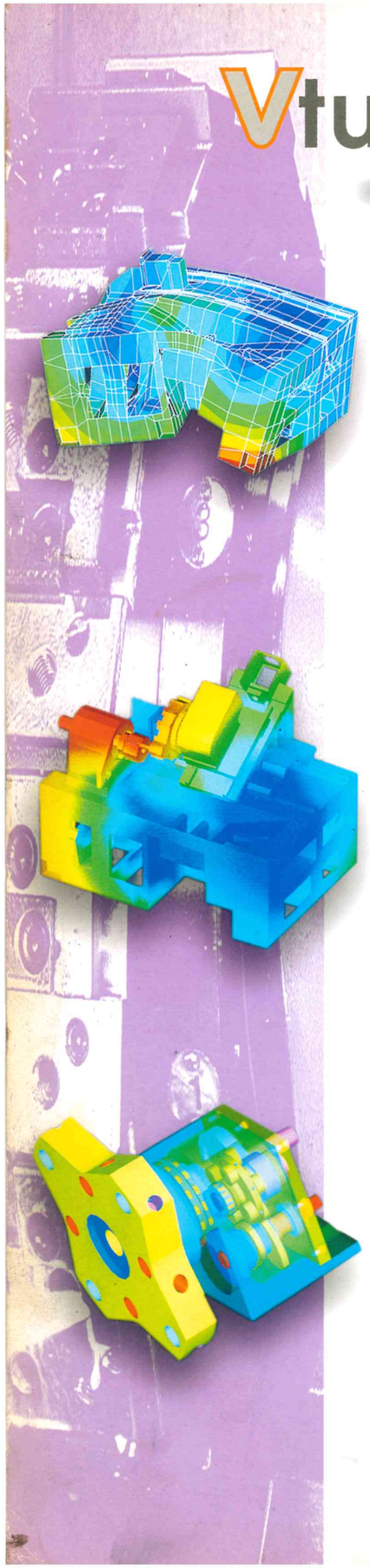
Vturn-46 CNC LATHES



FANUC Numerical Control Unit 0T-C, 0T-F, Basic Specifications

ITEM	MODEL	0T-C	0T-F
Control	Controled axis	Simultaneous controllable axis: Two axes (one axis by manual)	
	Minimum output	X-axis:0.0005mm, Z-axis:0.001mm	
	Minimum input	0.001mm	
Spindle Function	Spindle function	S4 digit	
	Constant surface speed control	Direct designation of rpm with S code	
	Spindle override	50%-120% (In 10% increment)	
Feed Function	Override	0-150%(In 10% Increment)	
	Zero return	G27, G28	
	Manual pulse generator	0.001mm/min, 0.01mm/min, 0.1mm/min	
	Manual continuous feed	0-1260mm/min	
Tool Function	Tool position offset	16 Pairs	32 Pairs
	Tool nose compensation	G40-G42	
	Tool geometry/wear offset		
	Tool function	T4 digital	
Programming Function	Chamfering/corner R		
	Canned cycles	G90, G92, G94	G77-G79
	Multiple repetitive cycle for turning	G70-G76	
	Decimal point input	Decimal point input/ Packet calcuator type decimal point input	
	Background-editing	Editing during automatic operation	
	Run hour display		
	Thread cutting	F Code (mm) 0.0001-500, 0000	
	Program code	Code : 0.4 digits	
	M Function	Code : M2 digits	
	Inch/ Metric conversion	G20, G21	
Tape Function	Tape memory and editing	40m	120m
	Tape code	EITA RS-227 ISO 1154	
	Tape punching interface	RS232C, 20mA	
	Reader/punch interface	Automatic distinction of EIA/ISO code	
Miscellaneous	MDI/CRT	9"(amber)	
	Single block		
	Machine lock		
	Auxiliary function lock		
	Memory protect		
	Stored stroke limit		
	Dwell	G04	
	Conversational programming	Option	Standard
	Automatic process specification	-	
	Direct input drawing dimension	Option	Standard
	Dynamic graphic display	Option	Standard

Optional Functions

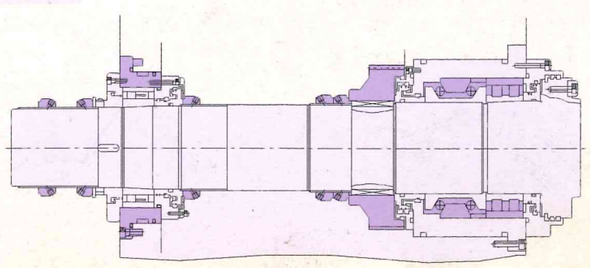
(*mark is available for 0T-C only.)

- Tool Life management
- Store Stroke Check 2,3
- Custom macro
- Spindle orientation
- Program restart
- Variable-Lead Thread Cutting
- Memory length extension
- * Graphc display
- * Simplified Tool life management
- * Extended part program editing

Optional Controller:

- 18 TC
- 15 TFB(On government approval)

Spindle Layout



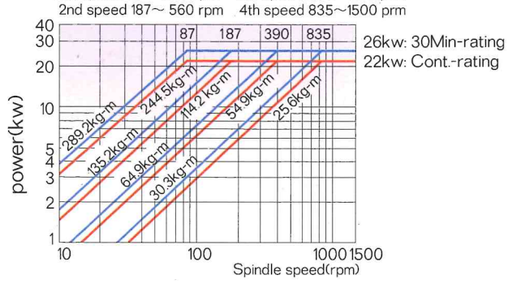
Machine Specifications

	Vturn-46
Swing over bed/Front cover	ø730 mm
Std. turning diameter	ø320 mm
Max. turning diameter	ø730 mm
Swing over carriage	ø560 mm
Max. cross travel (X axis)	25 mm + 365 mm
Max. longitudinal travel (Z axis)	1650 mm
Center distance	1750 mm
Rapid feed	X: 12 m/min. Z: 15 m/min.
Spindle speed	1500 rpm
Spindle nose	A2-11
Spindle bearing dia.	ø180 mm
Spindle taper	1/20
Spindle motor (Const./30 min.)	AC 22/26 kW (30/35 HP)
Hole through spindle	ø123 mm
Hole through draw tube	ø110 mm
Turret tools positions	10
I.D. tool size (max)	ø50 mm
Standard O.D. tool size	□ 32 mm
Hydraulic power chuck diameter	ø380 mm (15")
Tailstock quill diameter	ø150 mm
Quill stroke	150 mm
Quill taper	M.T.#5
Feed motor	X: 2.8 HP, Z: 5.0 HP
Coolant capacity	250 L
Machine size	6210 mm x 2980 mm x 2515 mm
Gross weight	13500 KGS

Spindle Torque Output Diagram

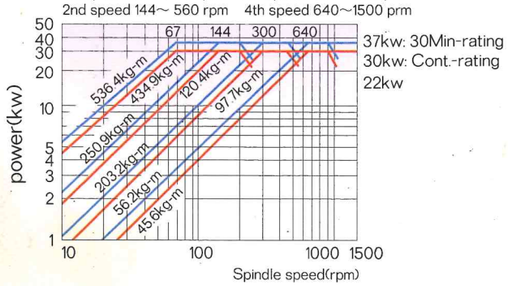
FANUC MODEL α22

1st speed 87~ 260 rpm 3th speed 390~1170 prm
2nd speed 187~ 560 rpm 4th speed 835~1500 prm

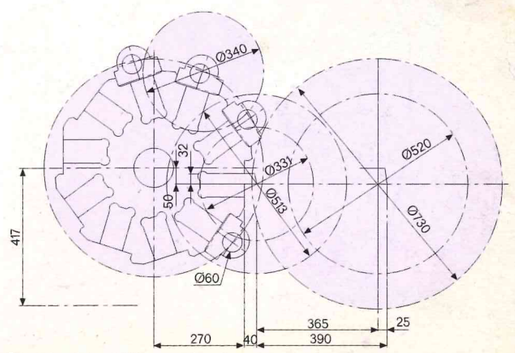


FANUC MODEL α30

1st speed 67~ 260 rpm 3th speed 300~1170 prm
2nd speed 144~ 560 rpm 4th speed 640~1500 prm



Relation Between Tool And Work Dia



Standard tool (10-standard)

Standard Accessories:

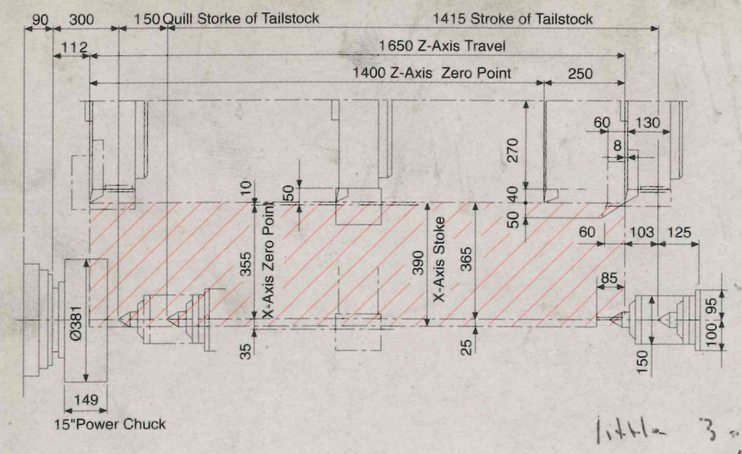
- Splash guard
- Standard tool holders
- Power chuck with soft jaws
- Programmable tailstock
- Coolant system
- Chip conveyor and chip cart

Optional Accessories:

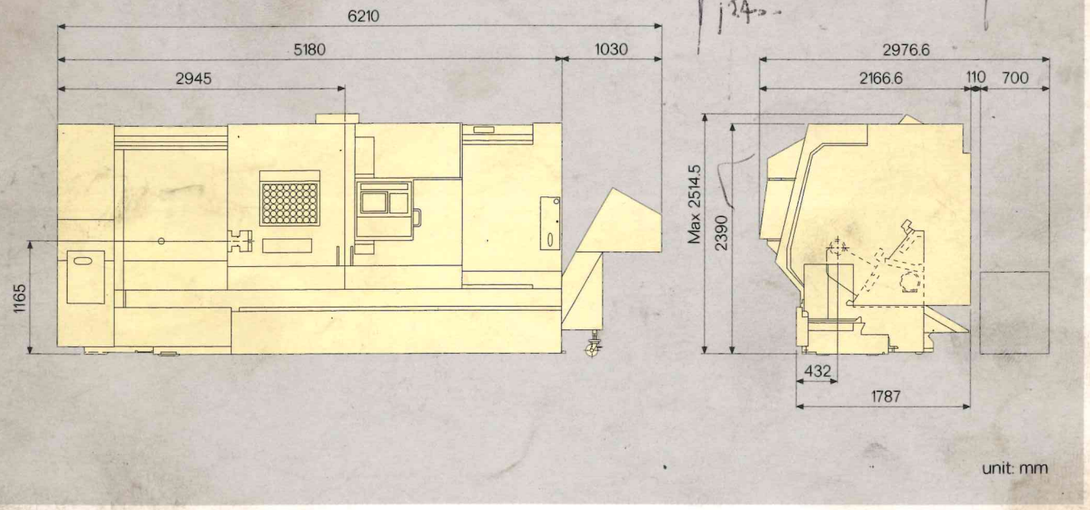
- Tool presetter
- Auto door
- Air blow system
- Steady rest
- Bar feeder interface
- High power spindle motor α30
- 18" Chuck

VICTOR•TAICHUNG

Moving Range



Dimension Drawing



■Specifications are subject to change without notice for design improvement!

VICTOR•TAICHUNG

□**VICTOR/ TAIWAN**
Victor Taichung Machinery Works Co., Ltd.
266 Sec. 3 Taichung Kan Road
Taichung, Taiwan R.O.C.
http : //www.or.com.tw
Tel : 886-4-3592101
Fax : 886-4-3592943

□**VICTOR/ U.K.**
Victor House
Tel : 44-1706-48485
Fax : 44-1706-48483

□**VICTOR/ FRANCE**
Victor France
Tel : 33-1-45912613
Fax : 33-1-45912612

□**VICTOR/ U.S.A.**
Fortune International Inc.
Tel : 1-908-2140700
Fax : 1-908-2140701

□**VICTOR/ SOUTH AFRICA**
Victor Fortune (PTY) Ltd.
Tel : 27-11-3923800
Fax : 27-11-3923899

□**VICTOR/ MALAYSIA**
Victor Machinery (M) SDN. BHD.
Tel : 60-3-7336351, 7337180
Fax : 60-3-7337191

□**VICTOR/ THAILAND**
Victor (Thailand) Co., Ltd.
Tel : 66-2-4356820
Fax : 66-2-4356822

□**VICTOR/INDONESIA**
Victor Taichung Machinery(Indonesia)
Tel:021-5918943
Fax:021-5919404

□**VICTOR/PHILIPPINES**
Victor Machinery Corp.(Philippines)
Tel:63-2-8295926
Fax:63-2-8295925

□**VICTOR/ CHINA**
Zhongtai Precision Machinery (Tianjin) Co., Ltd.
Tel:86-022-25321592
Fax:86-022-25321663

DESIGNED BY VICTOR AD 04-2563(65 0417-4.0SN

MBGC97EA

VICTOR-TAICHUNG

TÜV CERT DIN EN ISO 9001
TÜV Rheinland ISO 9001 Certificate approved

國家品質獎 NATIONAL QUALITY AWARD

Vturn-46



- **4 speed spindle transmission with automatic gear selection ensures high torque output at any speed.**
- **High rigidity spindle mounted in a strong well-ribbed headstock with integral gearbox is ideal for heavy cutting.**
- **60° inclined bed made from heavy duty Meehanite castings, provides the stability during heavy cutting, while allowing easy access to the machine.**