

Ezitur
Ezimill



www.everise-tec.com

**INTUITION
EASY
CONTROL
SYSTEM**

Simplicity is the Advantage

STARUX

STARUX INTERNATIONAL CO.,LTD.

TEL : 886-4-2436-0101

FAX : 886-4-2437-2020

Add. : 5F, No.248-1, Dong Shang RD., Taichung Taiwan R.O.C.

e-mail : louis248@ms55.hinet.net

Intuitive Touch Screen Smart Lathe

- Upgrade conventional lathe for simple automatic operation.
- Solve the shortage of professional technicians.



New Generation creative Graphic Operation System

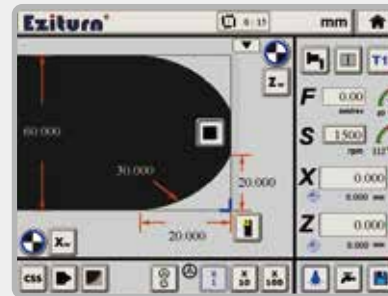
FEATURES:

- Fully auto. operation cutting functions by module setting.
- Intuitive graphic display, graphic dialogue input, no language communication.
- Simple Outline workpiece processing, simple to set up the cutting condition.
- No need to learn CNC programming and purchase CAM software
- No need to operate by senior engineer
- It can save different dimensions of work



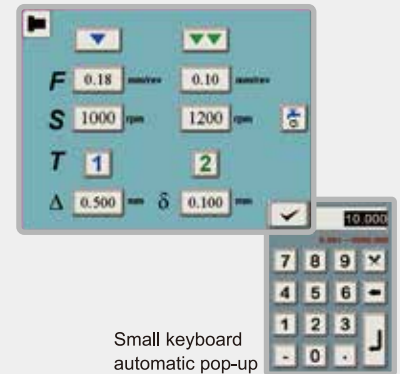
Auto Cutting

One time or repeating turning, home position setting is simple.



Easy to set up cutting condition

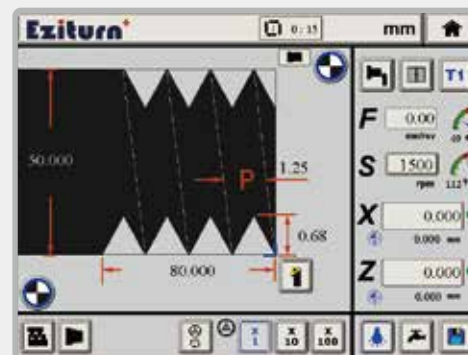
One time processing by different tools



Small keyboard automatic pop-up

Threading Becomes Easy

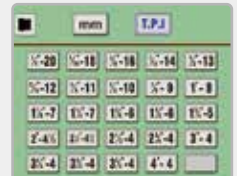
Apply normal thread chart, quickly select standard metric and imperial thread sizes.



Metric



Imperial



One touch / Easy working

- No taper turning attachment
- Easy to process bevel edge and arc.

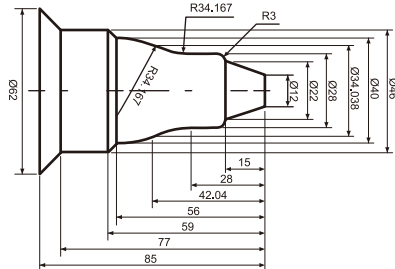
Free CNC experience
No need to learn G code / M code

Built-in: O/D turning, I/D turning, End facing, Grooving, Threading, Drilling, Arc and bevel edge processing

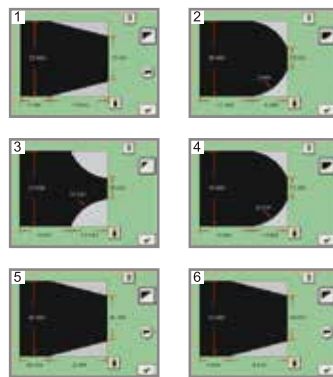
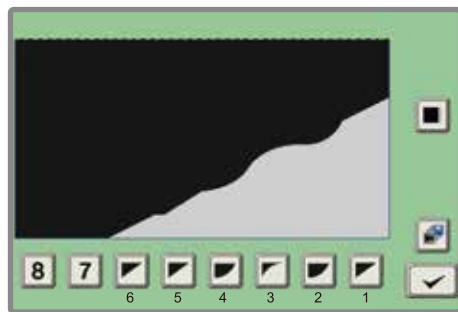
Ezitur⁺

Advanced segmental connection (I/D, O/D, Profile Processing)

One time setting to complete processing the multi-segment cutting module



Max. 8 segments graphics to connect (Connect Segment 1-8)



workpiece samples



Optional accessories:

Electric Four-way turret



Power toolpost and spindle indexing



Functions: 1. keyway milling 2. Indexing Drilling 3. Indexing Milling

Flat Bed Lathe

Intuitive Touch Screen Smart Lathe



SPECIFICATION

ITEM	MODEL	UNIT	ST1320H
Swing over bed		mm	320 (13")
Between center		mm	500
Swing over saddle		mm	180
Bed width		mm	190
Spindle nose			D1-4
Spindle bore		mm	Ø40
Taper of spindle bore			MT5
Max. spindle speed		rpm	3000
Control of spindle		steps	Inverter control
Quill dia. of tailstock		mm	Ø40
Quill travel of tailstock		mm	100
Taper of tailstock center			MT3
Longitudinal feeds range		M/min	10
Cross feeds range		M/min	10
X axis ball screw		mm	Ø16,P5 C5
Z axis ball screw		mm	Ø25,P5 C5
Longitudinal travel		mm	160
Cross travel		mm	400
Spindle motor		kw/hp	3.7KW/5HP
Floor space (LxWxH)		mm	1800/1000/1200
Net weight		kgs	800

SPECIFICATION

ITEM	MODEL	UNIT	ST1740H
Swing over bed		mm	430 (17")
Between center		mm	900
Swing over saddle		mm	240
Bed width		mm	300
Spindle nose			D1-6
Spindle bore		mm	Ø55
Taper of spindle bore			MT6
Max. spindle speed		rpm	2000
Control of spindle		steps	Inverter control
Quill dia. of tailstock		mm	Ø52
Quill travel of tailstock		mm	150
Taper of tailstock center			MT4
Longitudinal feeds range		M/min	10
Cross feeds range		M/min	10
X axis ball screw		mm	Ø20,P5 C5
Z axis ball screw		mm	Ø32,P5 C5
Longitudinal travel		mm	220
Cross travel		mm	780
Spindle motor		kw/hp	5.5KW/7.5HP (Opt. 7.5KW/10HP)
Floor space (LxWxH)		mm	2200/1200/1600
Net weight		kgs	1300

Flat Bed Lathe

Intuitive Touch Screen Smart Lathe

Eziturn



SPECIFICATION

ITEM	MODEL			
	UNIT	AC1720H	AC1730H	AC1740H
Swing over bed	mm	430 (17")		
Between center	mm	500	750	1000
Swing over saddle	mm	230		
Bed width	mm	300		
Spindle nose		A1-6		
Spindle bore	mm	Ø58		
Taper of spindle bore		MT4		
Max. spindle speed	rpm	H:613-3100		L:121-612
Control of spindle	steps	Inverter control		
Quill dia. of tailstock	mm	Ø58		
Quill travel of tailstock	mm	160		
Taper of tailstock center		MT4		
Longitudinal feeds range	M/min	10		
Cross feeds range	M/min	10		
X axis ball screw	mm	Ø25, P5 C5		
Z axis ball screw	mm	Ø40, P10 C5		
Longitudinal travel	mm	250		
Cross travel	mm	300	550	800
Spindle motor	kw/hp	5.5KW/7.5HP (Opt. 7.5KW/10HP)		
Floor space (LxWxH)	mm	1850/1700/1900	2050/1700/1900	2300/1700/1900
Net weight	kgs	1900	2200	2500

SPECIFICATION

ITEM	MODEL			
	UNIT	ST1840H	ST1860H	ST1880H
Swing over bed	mm	460 (18")		
Between center	mm	1000	1500	2000
Swing over saddle	mm	230		
Bed width	mm	350		
Spindle nose		D1-6		
Spindle bore	mm	Ø56		
Taper of spindle bore		MT5		
Max. spindle speed	rpm	H:681-3100	M:153-680	L:33-152
Control of spindle	steps	Inverter control		
Quill dia. of tailstock	mm	Ø75		
Quill travel of tailstock	mm	170		
Taper of tailstock center		MT5		
Longitudinal feeds range	M/min	10		
Cross feeds range	M/min	10		
X axis ball screw	mm	Ø25, P5 C5		
Z axis ball screw	mm	Ø40, P10 C5		
Longitudinal travel	mm	280		
Cross travel	mm	800	1300	1800
Spindle motor	kw/hp	5.5KW/7.5HP (Opt. 7.5KW/10HP)		
Floor space (LxWxH)	mm	2720/1760/1910	3220/1760/1910	3720/1760/1910
Net weight	kgs	2900	3200	3500

Flat Bed Lathe

Intuitive Touch Screen Smart Lathe

Eziturn



SPECIFICATION

ITEM \ MODEL	UNIT	ST2140H	ST2160H	ST2180H
Swing over bed	mm	540 (21")		
Between center	mm	1000	1500	2000
Swing over saddle	mm	310		
Bed width	mm	350		
Spindle nose		D1-8, (Opt. A1-11)		
Spindle bore	mm	Ø85(3"), Opt. Ø105(4")		
Taper of spindle bore		MT5		
Max. spindle speed	rpm	H : 491-2250		H : 331-1500
		M : 126-490		M : 93-330
		L : 27-125		L : 20-92
Control of spindle	steps	Inverter control		
Quill dia. of tailstock	mm	Ø75		
Quill travel of tailstock	mm	170		
Taper of tailstock center		MT5		
Longitudinal feeds range	M/min	10		
Cross feeds range	M/min	10		
X axis ball screw	mm	Ø25, P5 C5		
Z axis ball screw	mm	Ø40, P10 C5		
Longitudinal travel	mm	350		
Cross travel	mm	800	1300	1800
Spindle motor	kw/hp	7.5KW/10HP (Opt. 11KW/15HP)		
Floor space (LxWxH)	mm	2720/1760/1910	3220/1760/1910	3720/1760/1910
Net weight	kgs	3100	3400	3700

SPECIFICATION

ITEM \ MODEL	UNIT	ST2540H	ST2560H	ST2580H
Swing over bed	mm	630 (25")		
Between center	mm	1000	1500	2000
Swing over saddle	mm	400		
Bed width	mm	350		
Spindle nose		D1-8, (Opt. A1-11)		
Spindle bore	mm	Ø85(3"), Opt. Ø105(4")		
Taper of spindle bore		MT5		
Max. spindle speed	rpm	H : 491-2250		H : 331-1500
		M : 126-490		M : 93-330
		L : 27-125		L : 20-92
Control of spindle	steps	Inverter control		
Quill dia. of tailstock	mm	Ø75		
Quill travel of tailstock	mm	170		
Taper of tailstock center		MT5		
Longitudinal feeds range	M/min	10		
Cross feeds range	M/min	10		
X axis ball screw	mm	Ø25, P5 C5		
Z axis ball screw	mm	Ø40, P10 C5		
Longitudinal travel	mm	350		
Cross travel	mm	800	1300	1800
Spindle motor	kw/hp	7.5KW/10HP (Opt. 11KW/15HP)		
Floor space (LxWxH)	mm	2720/1760/1910	3220/1760/1910	3720/1760/1910
Net weight	kgs	3200	3500	3800

Flat Bed Lathe

Intuitive Touch Screen Smart Lathe



SPECIFICATION

ITEM	MODEL	UNIT	ST	ST	ST	ST	ST
			3060H	3080H	30120H	30160H	30200H
Swing over bed		mm	770 (30")				
Between center		mm	1600	2100	3100	4100	5100
Swing over saddle		mm	500				
Bed width		mm	450				
Spindle nose			A2-11				
Spindle bore		mm	Ø105(4"), Opt.Ø155(6")				
Taper of spindle bore			MT5				
Max. spindle speed		rpm	H : 331-1500		H : 176-800		
			M : 93-330		M : 53-175		
			L : 20-92		L : 11-52		
Control of spindle		steps	Inverter control				
Quill dia. of tailstock		mm	Ø105				
Quill travel of tailstock		mm	220				
Taper of tailstock center			MT5				
Longitudinal feeds range		M/min	10				
Cross feeds range		M/min	10				
X axis ball screw		mm	Ø28, P5 C5				
Z axis ball screw		mm	Ø50, P10 C5				
Longitudinal travel		mm	450				
Cross travel		mm	1500	2000	3000	4000	5000
Spindle motor		kw/hp	11KW/15HP,(Opt.15KW/20HP)				
Floor space	L	mm	3810	4310	5310	6310	7310
	WxH	mm	2120/1840				
Net weight		kgs	4300	4800	5800	6800	7800

SPECIFICATION

ITEM	MODEL	UNIT	ST	ST	ST	ST	ST			
			3360H	3380H	33120H	33160H	33200H			
Swing over bed		mm	840 (33")							
Between center		mm	1600	2100	3100	4100	5100			
Swing over saddle		mm	570							
Bed width		mm	450							
Spindle nose			A1-11, (Opt. A2-11 A2-15 A2-20)							
Spindle bore		mm	Ø105(4"), Opt.Ø155(6"), Ø230(9"), Ø250(10"), Ø305(12")							
Taper of spindle bore			MT5							
Max. spindle speed		rpm	H : 331-1500		H : 176-800		H : 108-450		H : 87-350	
			M : 93-330		M : 53-175		M : 31-107		M : 26-86	
			L : 20-92		L : 11-52		L : 7-30		L : 6-25	
Control of spindle		steps	Inverter control							
Quill dia. of tailstock		mm	Ø105							
Quill travel of tailstock		mm	220							
Taper of tailstock center			MT5							
Longitudinal feeds range		M/min	10							
Cross feeds range		M/min	10							
X axis ball screw		mm	Ø28, P5 C5							
Z axis ball screw		mm	Ø50, P10 C5							
Longitudinal travel		mm	450							
Cross travel		mm	1500	2000	3000	4000	5000			
Spindle motor		kw/hp	11KW/15HP (Opt. 15KW/20HP)							
Floor space	L	mm	3810	4310	5310	6310	7310			
	WxH	mm	2120/1840							
Net weight		kgs	4500	5000	6000	7000	8000			

Milling Machine

Intuitive Touch Screen Smart Mill



SM400



OPTION FUNCTION :
Rigid tapping
(With Spindle servo motor)



SM1000HR



SM1000H

SPECIFICATION

Operate function module :

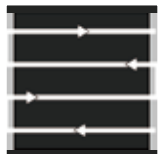
Pocket polygon milling



Boss polygon milling



Surface milling



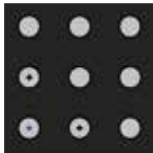
Grooving



Boring



Drilling



ITEM \ MODEL	UNIT	SM400	SM800H	SM1000H	SM1000HR
Work table Size	mm	730 x 210 (28" x 8")	1370 x 254 (54" x 10")	1524 x 305 (60" x 12")	1372 x 406 (54" x 16")
Table loading capacity	kgs	70	600	800	800
T-slot		16 mm x 3	16 mm x 3	16 mm x 3	16 mm x 5
T-slot center distance	mm	64 (2.5")	64 (2.5")	64 (2.5")	64 (2.5")
Spindle taper		NT 30	NT 40	NT 40	BT 40
Spindle speed	rpm	3600	4500	4500	4500
Spindle motor	kws	1.5	3.75	3.75	5.5
X axis travel	mm	365 (14")	800 (31")	1000 (39")	1000 (39")
Y axis travel	mm	230 (9")	460 (18")	480 (19")	450 (18")
Z axis travel	mm	315 (12")	560 (22")	560 (22")	570 (22")
Quill dia.	mm	75 (3")	120 (4.7")	120 (4.7")	120 (4.7")
X/Y/Z servo motor	kws	0.75 / 0.75 / 0.75	1 / 1 / 1	1 / 1 / 1	1 / 1 / 2
X/Y/Z ball screw	mm	Ø 20 / P5 / C5	Ø 32 / P5 / C5	Ø 32 / P5 / C5	Ø 40 / P10 / C5
Floor space (LxWxH)	mm	1300 / 1230 / 2150	1800 / 1950 / 2100	2524 / 1950 / 2100	2120 / 2580 / 2520
Net weight	kgs	550	1700	1900	3000

Specifications are subject to change without prior notice.