

		ETP 1500 x 2500	ETP 1500 x 3000	ETP 1250 x2000	ETP 1250 x2500
MAXIMUM TONNAGE	Ton	30	30	30	30
MAXIMUM CAPACITY ( THICKNESS X,Y)	mm	2500x1500	3000x1500	2000x1250	2500x1250
STATION NUMBER OF THE TURRET	PIECES	33	33	27	27
MAXIMUM PUNCH DIAMETER ( Sheet is 1 mm thickness) (single tools)	mm	Ø88,9	Ø88,9	Ø88,9	Ø88,9
X AXIS TRAVEL	mm	2500 + R	3000 + R	2000 + R	2500 + R
X AXIS VELOCITY	m/dak	80	80	100	100
Y AXIS TRAVEL	mm	1500	1500	1250	1250
Y AXIS VELOCITY	m/dak	80	80	100	100
X + Y DEPENDENT VELOCITY	m/dak	114	114	141	141
TURRET ROTATION VELOCITY	Rpm	20	20	27	27
AUTO INDEX ROTATION VELOCITY	Rpm	65	65	65	65
MAXIMUM PUNCH STROKE For Marking 1 mm Stroke	Stroke/min	2000	2000	1500	1500
MAXIMUM PUNCH STROKE Per minute For 1 mm step X Movement, 1 mm step Y axes Movement	Stroke/ min	900	900	900	900
MAXIMUM PUNCH STROKE Per minute For 25 mm step X Movement, 25 mm step Y axes Movement	Stroke/min	600	600	350	350
MAX. CUTTING THICKNESS WITH FIX STATION	Mild steel	6,35 mm	6,35 mm	6,35 mm	6,35 mm
	Stainless steel	3 mm	3 mm	3 mm	3 mm
MAX. CUTTING THICKNESS WITH AUTO INDEX STATION	Mild steel	4 mm	4 mm	4 mm	4 mm
	Stainless steel	2,5 mm	2,5 mm	2,5 mm	2,5 mm
REPITITION ACCURACY	mm	± 0.05	± 0.05	± 0.05	± 0.05
POSITIONING ACCURACY	mm	± 0,1	± 0,1	± 0,1	± 0,1
INDEX POSITIONING ACCURACY	°	0.01°	0.01°	0.01°	0.01°
MULTI TOOL CHANGE TIME	sec.	3	3	3	3
MAXIMUM SHEET WEIGHT	Kg	200	200	125	125
MOTOR	kW	11	11	7,5	7,5
OIL CAPACITY	Lt	300	300	180	180
AIR PRESSURE	Bar	6_7	6_7	6_7	6_7
MAXIMUM STROKE	mm	40	40	40	40
SHEET CLAMPING ( AUTOMATIC LOCATION CHANGEABLE)	Pieces	3	4	3	3
SHEET CLAMPING FORCE	kg	1200	1200	1200	1200
POWER SUPPLY	kW	25	25	25	25
AIR SUPPLY	Liters/min	2,5	2,5	2,5	2,5

CONTROLLER ( ERMAKSAN HMI SOFTWARE )		GE Fanuc 31i-PB Part Program Memory, 256 KB Memory C FROM / SRAM, 16 MB / 1 MB CPU CARD, PENTIUM, DRAM 16 MB Inch/Metric Conversion Workpiece Coordinate System Reader / Puncher Interface 1 External Message Cutter Compensation C Part Program Memory, 256 KB Registered Programs, 125 Extended Part Program Editing Run Hour & Parts Count Display Graphic Display Multi - Piece Machining Multiple Tool Control Safety Zone Check Clamp Zone Avoidance Function Safety Zone Area Expansion		GE Fanuc 31i - PB Part Program Memory, 256 KB Memory C, FROM / SRAM / 16 MB / 1 MB CPU CARD, PENTIUM, DRAM 16 MB Inch / Metric Conversion Workpiece Coordinate System Reader / Puncher interface 1 External Message Cutter Compensation C Part Program Memory , 256 KB Registered Programs, 125 Extended Part Program Editing Run Hour & Parts Count Display Multi - Piece Machining Multiple Tool Control Safety Zone Check Clamp Zone Avoidance Function Safety Zone Area Expansion	
		POSITION CONTROL		Voith Turbo H+L Hid.	Voith Turbo H+L Hid.
SERVO AXES	X, Y	All axes absolute Ballscrew with Fanuc servo motor	Y1+Y2 axes Ballscrew Fanuc servo motor, X Axes Rack Pinion Fanuc Servo Motor	All axes absolute Ballscrew with Fanuc servo motor	All axes absolute Ballscrew with Fanuc servo motor
INDEX AXES		Absolute Fanuc servo motor + Harmonic drive gearbox	Absolute Fanuc servo motor + Harmonic drive gearbox	Absolute Fanuc servo motor + Harmonic drive reductor	Absolute Fanuc servo motor + Harmonic drive reductor
WORKING HEIGHT	mm	950	950	950	950
TABLE TYPE		Brushed	Brushed	Brushed	Brushed
		Ball	Ball	Ball	Ball
		Brushed + Ball	Brushed + Ball	Brushed + Ball	Brushed + Ball
MACHINE LENGTH	mm	5520	5520	5140	5140
MACHINE WIDTH	mm	5000	6660	4290	5000
MACHINE HEIGHT	mm	2220	2220	2220	2220
WEIGHT	Kg	18500	20000	14000	15000
CAD/CAM Software		Lantek - Metalix	Lantek - Metalix	Lantek - Metalix	Lantek - Metalix
Standart Manuel Nesting ( 1 pieces software, 1 pieces dongle)	License	One license, Postprocessor	One license, Postprocessor	One license, Postprocessor	One license, Postprocessor
TURRET (33 STATIONS)	15 pcs. A stations 1/2" fixed 1,6 - 12,7 mm round	11 pcs. A station 1/2" fixed 1,6-12,7 mm round			
	12 pcs. B stations 1-1/4" fixed 12,8-31,7 mm round	10 pcs. B station 1-1/4" fixed 12,8-31,7 mm round			
	2 pcs. C stations 2" fixed 31,8 - 50,8 mm round	1 pc. C station 2" fixed 31,8-50,8 mm round			
	1 pc. D stations 3-1/2" fixed 50,9-88,9 mm round	2 pcs. D station 3-1/2" fixed 50,9-88,9 mm round			
	3 pcs. D stations 3-1/2" index 50,9-88,9 mm round	2 pcs. B station 1-1/4" index 12,8-31,7 mm round			
	TURRET ( 27 STATIONS)	1 pc. C station 2" index 31,8-50,8 mm round			