

CNC PUNCH PRESS / ROTATIVE PUNCH / PLASMA PUNCH SPECIFICATIONS

FEATURES		FPP	RPP	CPP
MAXIMUM TONNAGE	ton	30	30	30
MAXIMUM CAPACITY (Thickness X,Y)	Inch	0.25 ×50 × 78.7	0.25 ×50 × 78.7	0.25 ×50 × 78.7
MAXIMUM PUNCH DIAMETER (MULTI TOOL)	Inch	Ø0.86	Ø0.86	Ø0.86
MAXIMUM PUNCH DIAMETER (Sheet is 0.04" thick) (SINGLE TOOL)	Inch	Ø3.5	Ø3.5	Ø3.5
MACHINE AXES	-	X, Y, A	X, Y, A, C,CB	X, Y, A, Z
X AXIS TRAVEL	Inch	78.7 + R	78.7 + R	78.7 + Repos.
X AXIS VELOCITY	m/min	70	70	70
Y AXIS TRAVEL	Inch	50.0	50.0	50.0
Y AXIS VELOCITY	m/min	70	70	70
A AXIS VELOCITY	rpm	100	100	100
X + Y DEPENDENT VELOCITY	m/min	99	99	99
MAXIMUM PUNCH STROKE For Nibbling 0.2" Stroke	stroke/min	900	900	900
MAXIMUM PUNCH STROKE Per minute For * 1mm step X Movement, 1mm step Y axes Movement, 1mm Sheet thickness	stroke/min	570	570	570
MAXIMUM PUNCH STROKE Per minute For * 25 mm step X movement, 25 mm step Y axes Movement, 1mm sheet thickness	stroke/min	300	300	300
POSITION ACCURACY	Inch	± 0.001	± 0.001	± 0.001
POSITION TOLERANCE	Inch	± 0.003	± 0.003	± 0.003
MULTI TOOL CHANGE TIME	sn	12 - 15	12 - 15	12 - 15
SHEET WEIGHT FOR MAXIMUM VELOCITY	lbs	55	55	55
MOTOR	kW	15	15	15
OIL CAPACITY	Gallons	79.2	79.2	79.2
MAXIMUM STROKE	Inch	1.6	1.6	1.6
SHEET CLAMPING	pieces	2	2	2
SHEET CLAMPING FORCE	lbs	2640	2640	2640
OPERATOR PANEL	-	GE Fanuc 18i-PB 10.4" color LCD screen, 512 kb, PCMC1 and ETHERNET	GE Fanuc 18i-PB 10.4" color LCD screen, 512 kb, PCMC1 and ETHERNET	GE Fanuc 18i-PB 10.4" color LCD screen, 512 kb, PCMC1 and ETHERNET
POSITION CONTROL	-	LVTD, SCHNEIDER	LVTD, SCHNEIDER	LVTD, SCHNEIDER
SERVO AXES	X, Y, A	FANUC AC FANUC FSSB INTERFACE	FANUC AC FANUC FSSB INTERFACE	FANUC AC FANUC FSSB INTERFACE (X, Y, A, Z)
WORKING HEIGHT	Inch	37.4	37.4	37.4
TABLE DIMENSION	Inch	96.5 × 157.5	96.5 × 157.5	96.5 × 157.5
TABLE TYPE	-	brushed	brushed	Rolling Table
MACHINE LENGHT	Inch	167.3	167.3	167.3
MACHINE WIDHT	Inch	157.5	157.5	157.5
MACHINE HEIGHT	Inch	87.4	87.4	87.4
SHIPMENT DIMENSIONS	Inch	91.5 × 167.3	91.5 × 167.3	91.5 × 167.3
WEIGHT	lbs	24200	24200	24200
CAD/CAM Software LANTEK LITE PUNCH Standart Manual Nesting (1 pieces soft, 1 pieces dongle) Optional Automatic nesting	license	one license, Postprocessor	one license, Postprocessor	one license, Postprocessor. Fully automatic nesting
TOOLINGS	ERMAK BIEMMETI MULTI TOOL 6 pieces (D station)	PUNCH, DIE, STRIPPER Complete (A Stations) Round 0.31",0.4",0.79" Rectangle .152"x.750" (2 pieces), Square .59"x.59" (1 pieces)	PUNCH, DIE, STRIPPER Complete (A Stations) Round 0.31",0.4",0.79" Rectangle .152"x.750" (2 pieces), Square .59"x.59" (1 pieces)	PUNCH, DIE, STRIPPER Complete (A Stations) Round 0.31",0.4",0.79" Rectangle .152"x.750" (2 pieces), Square .59"x.59" (1 pieces)
TOOLING ALTERNATIVES	ERMAK BIEMMETI THICK TURRET 6 pieces (D station)	-	-	(A Station) Round .312",.375",.752", Rectangle 152"x.750" (2 nos.), Square .59"x.59" (1 nos.)
HEIGHT CONTROL UNIT (Z AXIS)	-	-	-	IHT Automatic PCS 3000 Linear Drive
PLASMA GENERATOR	-	-	-	Kjelberg HiFocus-130 400 V Stainless Steel Cutting Available .5" Cutting Capacity N ₂ /ArH ₂ N ₂ /O ₂ with Plasmatorch Connection Unit
PLASMA GAS	-	-	-	Oxygen Argon/Hydrogen/Nytrogen
SWIRL GAS	-	-	-	Oksijen Oxygen/Nytrogen Nytrogen Nytrogen/Hydrogen
TORCH	-	-	-	Plasma-machine torch PerCut 160-2 with swirl gas