SHOKA Machine Tools

CNC PUNCH MACHINE MODEL RPP

شرکت ماشین ابزار شوکا ارائه دهنده سرویسهای فنی - بازرگانی ماشین ابزار

Your partner for presentation of the needs

STANDARD EQUIPMENTS

X, Y, C, T1, T2 + Punch Axis Absolute Servo Synchronic Zero Gap T1, T2, C axes

- Bosch Rexroth VSP 16 CNC controller industrial PC 12" TFT Colored High Resolution Touch Panel Screen
- Windows XP operating system
- · USB entrance at panel
- Protective USB [Power Supply] for electricity cut off and voltage
- ETHERNET Interface for Communication and Network Connection between the office and machine
- The operator panel activates easily the velocity of axes, clamp functions, reference positions, trap and tool and punch functions.
- 2 pieces ERMAK sheet holder clamps
- Mobil Command Foot Pedal
- Automatic Repositioning (for sheets wider than 2000 mm and for zones under clamps, Check of work zone by CAD/CAM)
- # Warning Lamp Brushed Type Table
- · Cooler
- · Automatic CNC controlled trap (Scrap / Part discrimination) · Wheeled Scrap Box
- ERMAK-BIEMMETI Sextet Multi TOOL "D Station " {Punch, Die, Stripper } A station round 8, 10, 20 mm, rectangular 4x20 mm (2 nos.], square 17x17 mm Or
- Ar20 mm (2 nos.), square 17817 mm
 Or
 ERMAK Bienimeti Thick Turret adaptor from D station to A station
 round 8, 10, 20 mm, rectangular 4x18 mm (2 nos.), square 14x14

- Or **** ERMAK-Biemetti octet Multi Tool (D Station) Round 5 mm, 6 mm, 8 mm, 12.7 mm Rectangular 10x5 mm Rectangular 3x14 mm Triangle 14,835 mm 30 degree Form 3 degree

- Square 10 Movare LANTEK EXPERT PUNCH CADCAM Software LANTEK EXPERT PUNCH Semiautomatic Nesting 11 nos. software 1 nos. dongiel, postprocessor Machine Instruction and Maintenance Manual ERMAK Lantek CAD/CAM training CD for easy usage

OPTIONAL EQUIPMENTS

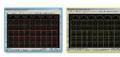
- Wilson Tool Octet Thick Turret D Station
 Round 4 mm, 7 mm, 10,5 mm Oval 12x5 mm Rectangular 12x2,5 mm
 Rectangular 10x5 mm Square 8 mm Triangle 14,835 mm 30 degree
- Adaptor for B, C stations
- 3xB MULTI TOOL station, 1xC SINGLE TOOL station, 10 stationed Multi Tool
- Tools for different punching shapes and forming applications
- Adaptor for Trumpf System
- Additional Clamps
- Coated tools for stainless steel punching
- Mechanic safety for security
- Infrared Cat.4 Light Guard Body Protection confirms CE
- LANTEK EXPERT II PUNCH for Full Automatic Nesting CAD/CAM
- Second user dongle for LANTEK CAD/CAM

Lantek Expert Punch, Offers the most productive solution for proramming cutting machines

This new design is the fourth generation of programs and is the result of Lantek's more than 10 years experience in providing solutions for the sheet metal processing industry.

Easy to learn.

Lantek Expert Punch is designed to reduce learning time to a minimum. Simple, user-friendly menus guide users at all times, enabling them to produce parts from the first day.





2D CAD Module Automatic dimensioning Parametric Shapes Library Import DXF, DWG Files Possibility to save the drawing of the nesting in a file with WMF format or with DXF format Automatic geometry verification and error correction Manual, automatic & interactive Nesting (collision control) True-shape Nesting Nesting for common punching Interactive technology assignment (manual & automatic) Standard reports (Factory sheets report, Sheets report, Geometry report. Parts report, Labels report, Time and Cost reports, etc) Automatic part quantity tracking Automatic calculation of part area, weight, machining time and cost. User-definable cost parameters Automatic processes Communications Flexible automatic sequencing options Common Punching Automatic tooling Automatic work-chute management Automatic micro-joint management Automatic clamp avoidance control Automatic repositions User definable punching macros Shear Management Integrated parts database Integrated Tools and Dies database Integrated material Database Automatic plate cropping and remnant. creation Automatic nesting on remnant sheets

		L FEATURES
MAXIMUM TONNAGE	ton	30
MAXIMUM CAPACITY (Thickness X,Y)	mm	6.35x1270x2000
MAXIMUM PUNCH DIAMETER (MULTI TOOL)	mm	22
MAXIMUM PUNCH DIAMETER (Sheet & 1 mm thickness) (SINGLE TOOL)	mm	0 89.9
MACHINE AXES		X, Y, C, TI, T2
X AXIS TRAVEL	mm	2000 + Repos.
X AXIS VELOCITY	nim\m	70
Y AXIS TRAVEL	mm	1270
Y AXIS VELOCITY	m/min	70
TI, TZ AXES VELOCITY	rpm	40
STATION REVOLUTION VELOCITY (C AXIS)	rpm	100
X + Y DEPENDENT VELOCITY	m/min	99
MAXIMUM PUNCH STROKE For Nibbling 5 mm Stroke		900
	stroke/min	
MAXIMUM PUNCH STROKE Per minute for * I nm step X Movement, I nm step Y and Movement, I nm Seet thickness	stroke/min	600
MAXIMUM PUNCH STROKE Per minute For * 25 mm step X novement, 25 mm step Y asses Movement, 1mm sheet thidness	stroke/min	350
POSITION ACCURACY	mm	0.03
POSITION TOLERANCE	mm	0.1
MULTI TOOL CHANGE TIME	SEC	12 - 15
SHEET WEIGHT FOR MAXIMUM VELOCITY	kg	25
MOTOR	KW	11
OIL CAPACITY	t	300
MAXIMUM STROKE	mm	40
SHEET CLAMPING	pieces	2
SHEET CLAMPING FORCE	kg	1200
OPERATOR PANEL		Batch Reactivity F16 12" TFT COLOR (High Residuant) TOLIC-1 With L SREED, Windows FP, UPS, USB on the parel
CONTROLLER		2 GH2 CHL 512 MB IAM, 20 GB HWD DSK Windows XP Findesional VGA (Environt) 0.0110 Resch 1, 52, 5498 Form, UR, 1956, 0.275/55 Warklans /Rock vastance, such fromty and sarver, filmdy system weiskelde window size Protestional ENC totaxi, Windows XP Protestional
POSITION CONTROL		LVTD, REXROTH HNC 100
SERVO AXES	X, Y, C (T1, T2) - RPP	Reproth Indradrive Ecodrive Sercos Interface
WORKING HEIGHT	mm	1100
TABLE DIMENSION	mm	2450x4000
TABLE TYPE	-	brushed
MACHINE LENGHT	mm	4250
MACHINE WIDHT	mm	4000
MACHINE HEIGHT	mm	2330
SHIPMENT DIMENSIONS	mm	2325x4250
WEIGHT	kg	11000
CAD/CAM Software LANTEK EXPERT PUNCH	Contraction of the local sector of the local s	ore iterse Postprocesur
CADICAM Software LANTER EXPERT PUNCH 1 nos. software, 1 nos. donglej	license	Manual Nesting
TOOLING ALTERNATIVES	ERMIK BEMMETI MULTI TOOL & nes. (D station)	PLINCH, LDE, STRIPPER Complete (4.Sandon) Round 8, 10(20 mm, Rectange 4x20 mm, 20 kong, Square 17x17 mm (1 pecos)
	ERMAK BEMMETI THICK TURRET 8 Nos. Distation	(A. Station) Round 8, 10, 20 mm, Rosterigie 4x (Binms (2 mos.), Square 14x04 mm (1 mm.)
	DRAW BENNET MUTI TOOL & nos.	Round S. 6. 8, 12.7 mm Rectangle 1045 mm Trianole 301-14.835 mm



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In addition to its superior features and strong rigid body, main goal of ERMAK RPP series is high productivity and flexibility by means of angular moving T1, T2 top and bottom tool axes working synchronized with X. Y. C machine axes.



T1, T2 and Caxes never need to get reference or index by intelligent true absolute positioning technology, It always holds the position info at its memory. This reduces the probable indexing faults to zero. Sensitive and dynamic interpolation of X, Y, C, T1, T2 axes, 100 pm C axis velocity, 40 pm T1, T2 (Tool axes) velocity, 40 pm T1, T2 (Tool axes) velocity.

High productivity, profitable and flexible operations

GENERAL FEATURES

BPP senses manufactured by EBMAKSMNs proved quality and experience on production of sheet metal workbenches is being presented to the utility of our clems open to technicogy and continual invokation. Strong mono block rigid C type body built, up by stres releved welded steel construction has high acceleration areas and designed to allow these loading from 3 date segregorization and experison base warkben de early. Sheet the construction and from 4 segregorization and the stress on EBMAK Punch Press. Hydraulic, electronic, electric and mechanic components that are respected with 1 sing huality workback have been used on the machine.

RPP: ERMAK ROTATIVE PUNCH PRESS

HPT: EXMAN KOUTINE FURCH FRESS Makes angular punching procession the worksheet by automatic CAD/CAM support thanks to synchronic rotating tool axes (T1, T2, C). Shorters the process time at angular cutting applications and extends the life time of tools at the same time by means of electro-metanic rotative need design.

CNC CONTROLLER

Bach & Reminh Izand VSP (6 ppe: 12 TET v4h high resolution, colored, bach parel science in sued on the machine, UFS, USB are available for customer use on the panel. The control unit is equipped with 2 GM high performance processor, 512 MB Rem, 20 GB Heird Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Dis, VAB, Etherer (10 100 Base – 7), F2S Sarel Parel Sarel Dis, VAB, Etherer (10 100 Base – 100 Base), F1, F1S Sarel Parel Dis, VAB, Etherer (10 100 Base – 100 Base), F1S, F3 designed control panel can be moved around the machine easily. Protective USP (Power Source) is included for electricity cut off and voltage undulation.



