

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 undulation
- 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
- Modul 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 BIEMMETTI Sertex Multi TOOL "D Station" (Punch, Chis, Stripper) A station round 8, 10, 20 mm, rectangular 4x20 mm [2 nos.], square 17x17 mm Or
- ERMAK Biemmetti Thick Turret adaptor from D station to A station round 8, 10, 20 mm, rectangular 4x18 mm [2 nos.], square 14x14 mm Or
- ERMAK Biemmetti 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 Square 10 mm
- CAD/CAM software LANTEK EXPERT PUNCH Semiautomatic Nesting (1 nos. software, 1 nos. dongle), postprocessor Machine Instruction and Maintenance Manual
- ERMAK LanTek CAD/CAM training CD for easy usage

OPTIONAL EQUIPMENTS

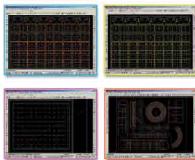
- Wilson Tool Detet Thick Turret D Station Round 4 mm, 7 mm, 10,5 mm - Oval 12x5 mm - Rectangular 12x2,5 mm Rectangular 10x5 mm - Square 8 mm - Triangle 14,835 mm 30 degree
- Adaptor for B, C stations
- 3rd MULTI TOOL station, 1st SINGLE TOOL station, 10 stationed Multi Tool
- Tools for different punching 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 8 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.



Summary:

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

RPP 1270x30 TECHNICAL FEATURES

MAXIMUM TORQUE	Nm	30
MAXIMUM CAPACITY (1 POSITION X,Y)	mm	8.35x1.770x2000
MAXIMUM PUNCH DIAMETER (MULTI TOOL)	mm	22
MAXIMUM PUNCH DIAMETER (SINGLE TOOL)	mm	Ø 65.9
MACHINE AXES	-	X, Y, C, T1, T2
X AXIS TRAVEL	mm	2008 + strokes
X AXIS VELOCITY	m/min	70
Y AXIS TRAVEL	mm	1270
Y AXIS VELOCITY	m/min	70
T1, T2 AXIS VELOCITY	DPI	40
STATION REVOLUTION VELOCITY (C AXIS)	m/min	100
X + Y DEPENDENT VELOCITY	m/min	99
MAXIMUM PUNCH STROKE For Nesting 5 mm Stroke	stroke/mm	900
MAXIMUM PUNCH STROKE For nesting 10 mm Stroke	stroke/mm	600
MAXIMUM PUNCH STROKE For nesting 15 mm Stroke	stroke/mm	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	l	300
MAXIMUM STROKE	mm	40
SHEET CLAMPING	pieces	2
SHEET CLAMPING FORCE	kg	1200
OPERATOR PANEL	-	Seat height of 16 cm (1200 high) maximum 1500 mm (1800) Window of UPS (16 or 20 amp)
CONTROLLER	-	1 (14) CPU, 16 GB RAM, 32 GB HDD (100 Windows XP Professional, Vista (64bit), 101000, 101000, 101000, 101000) Windows (64bit) system, and finally one of the following software: AutoCAD and/or AutoCAD LT, SolidWorks, or Pro/ENGINEER
POSITION CONTROL	-	1 (14) SERVO MOTOR + 1 (14) SERVO MOTOR + 1 (14) SERVO MOTOR
SERVO AXES	X,Y,C (T1,T2) - RPP	Brushed Inverterless EcoDrive Servo Interface
WORKING HEIGHT	mm	1100
TABLE DIMENSION	mm	2450x3000
TABLE TYPE	-	Brushed
MACHINE LENGTH	mm	4250
MACHINE WEIGHT	mm	4000
MACHINE HEIGHT	mm	2180
SHIPMENT DIMENSIONS	mm	2320x4250
WEIGHT	kg	11000
CAD/CAM software LANTEK EXPERT PUNCH (1 nos. software, 1 nos. dongle)	license	one time, perpetual Manual nesting
ERMAK BIEMMETTI MULTI TOOL 8 nos. (6 stations)	1 Punch, 2 Chis, 2 Stripper, 2 Adaptor	Punch Ø8, 10, 12, 15, 20 mm, Rectangular 10x5 mm, Square 10 mm, Triangle 14,835 mm 30 degree
ERMAK BIEMMETTI 1 nos. (1 station)	1 Punch, 2 Chis, 2 Stripper, 2 Adaptor	Punch Ø8, 10, 12, 15, 20 mm, Rectangular 10x5 mm, Square 10 mm, Triangle 14,835 mm 30 degree
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ERMAK MACHINERY

ERMAK
SHEET METAL WORKING MACHINERY

Since 1965

RPP
SERIES

CNC PUNCH PRES
ROTATIVE PUNCH

