

CNC MACHINE



**FIBER LASER CUTTING MACHINE
CNC TURRET PUNCH PRESS
CNC PRESS BRAKE**

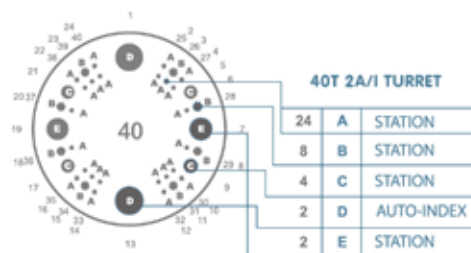
Tailift
www.tailiftgroup.com

RM11/13 CP1500/2500

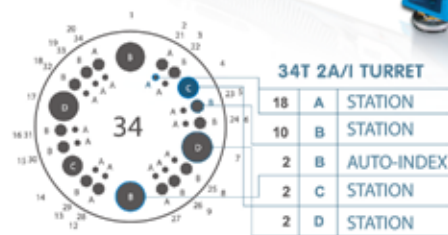
MECHANICAL TURRET PUNCH PRESS

Machine Features:

- Optimal cost performance ratio.
- Fly wheel and crank shaft mechanism.
- For saving considerable investment cost.
- Rugged structure with maximum stability.
- The best choice of basic model.



(CP1500 / CP2500)



(RM11 / RM13)



Mechanical Series				
ITEM	RM 11	RM 13	CP1500	CP2500
Punching capacity	20 ton	20 ton	30 ton	30 ton
X-axis traverse length	1250 mm ±10	2490 mm ±10	1525 mm ±10	2490 mm ±10
Y-axis traverse length	1250 mm ±10	1250 mm ±10	1525 mm ±10	1525 mm ±10
Punching speed (at 25mm pitch)	210 hits/min.	210 hits/min.	210 hits/min.	210 hits/min.
Number of tool station	34	34	40	40
Number of auto index station	28	28	2D	2D



HP1250/1500/2500

HYDRAULIC TURRET PUNCH PRESS

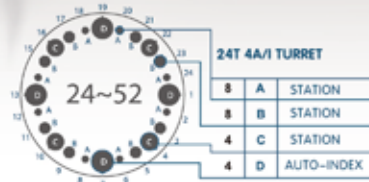
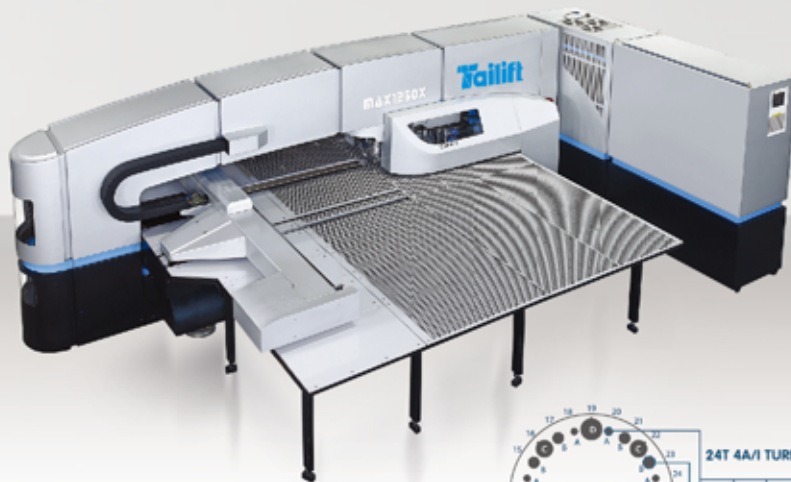
Machine Features:

- Equipped with German H+L advanced hydraulic system featuring energy saving.
- Movable Ram design.
- Programmable ram effectively increases punching speed and reduces noise.
- All forming tools are applicable including roller.

Hydraulic Series			
ITEM	HP1250	HP1500	HP2500
Punching capacity	30 ton	30 ton	30 ton
X-axis traverse length	1250 mm ±10	1525 mm ±10	2490 mm ±10
Y-axis traverse length	1250 mm ±10	1525 mm ±10	1525 mm ±10
Punching speed (at 25mm pitch)	280 hits/min.	280 hits/min.	280 hits/min.
Number of tool station	34	40	40
Number of auto index station	28	2D	2D

MAX1250/1250X

SERVO HYDRAULIC TURRET PUNCH PRESS



Machine Features:

- 24-52 stations for flexible applications.
- Equipped with German servo hydraulic system.
- Multi-tools for flexible applications.
- Programmable control of punching height and depth with ± 0.1 mm accuracy.
- Uniquely designed machine structure features maximum stability without deformation.

Complex Multi Tool Series

ITEM	MAX1250	MAX1250X
Punching capacity	20 ton	20 / 30 ton
X-axis traverse length	1250 mm ± 10	2490 mm ± 10
Y-axis traverse length	1250 mm ± 10	1250 mm ± 10
Punching speed (at 25mm pitch)	360 hits/min.	360 hits/min.
Number of tool station	24 ~ 52	24 ~ 52
Number of auto index station	4(D)	4(D)



High Speed Punching
Low Noise

HPS1250/1250X/2500

SERVO HYDRAULIC TURRET PUNCH PRESS



Machine Features:

- German advanced servo hydraulic system allows precise control of speed, oil flow rate and pressure.
- Programmable punching control.
- Ram stroke distance is accurately controlled within ± 0.1 mm accuracy.
- Special forming tools performs forming, rolling, grooving and marking operations.

Servo Hydraulic Series

ITEM	HPS1250	HPS1250X	HPS2500
Punching capacity	20 ton	20 ton	30 ton
X-axis traverse length	1250 mm ± 10	2490 mm ± 10	2490 mm ± 10
Y-axis traverse length	1250 mm ± 10	1250 mm ± 10	1525 mm ± 10
Punching speed (at 25mm pitch)	360 hits/min.	360 hits/min.	360 hits/min.
Number of auto index station	2 (2B)	2 (2B)	2 (2D)
Number of tool station	34	34	40

RD23 / RD13S

SERVO HYDRAULIC TURRET PUNCH PRESS



**High Speed!
High Precision!
Energy Saving!**

Meet Environmental Protection Requirement

- Equipped with German H+L advanced drive system.
- Modular construction reduces space occupation.
- Effectively reduces hydraulic oil consumption.
- Gantry type structure exhibits maximum rigid and stability.
- Muti-functions include punching, forming, roller cutting and tapping.
- Maximum punching speed (at 25mm pitch): 360 hits/min.

	RS23	RS13
Punching capacity	30 ton	20 ton
X-axis traverse length	2490 ±10 mm	2490 ±10 mm
Y-axis traverse length	1250 ±10 mm	1250 ±10 mm
Max. sheet size	1250 x 4980 mm	1250 x 4980 mm
Max. sheet thickness	6.35 mm	6.35 mm
Punching speed (at 25mm pitch)	390 hits/min.	360 hits/min.
Number of tool station	34	34
Number of auto index station	2(B)	2(B)



RH27 PLUS

HYDRAULIC TURRET PUNCH PRESS

A New Generation of High Speed Punch Press

- Massive machine structure exhibits exceptional stability in high speed punching.
- Machine structure is analyzed by Finite Element Analysis software to achieve the optimal structure.
- Equipped with German H+L high performance hydraulic system that saves hydraulic oil consumption up to 30 %.
- Auto indexing stations.
- Sensors used to prevent sheets from escape, jam, scratch and distortion.

RH27 PLUS	
Punching capacity	30 ton
X-axis traverse length	2490 ±10 mm
Y-axis traverse length	1525 ±10 mm
Max. sheet size	1525 x 4980 mm
Max. sheet thickness	6.35 mm
Punching speed (at 25mm pitch)	280 hits/min.
Number of tool station	34
Number of auto index station	2(B)

TL3015 / TL4020 FL2000 / FL3000 FIBER LASER CUTTING MACHINE

Machine Features:

- User-friendly operation interface.
- Advanced laser control function.
- High-Tech, Ultimate performance, Built for high speed, high accuracy laser cutting.

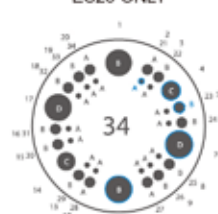


		TL3015	TL4020	FL2000	FL3000
CAPACITY	Max. sizes of cut	1500x3000mm	2000x4000mm	3050x1525mm	
	Max. feed rate X-axis	80m/min		120m/min	
	Max. feed rate Y-axis	80m/min		120m/min	
	Positioning accuracy X-axis	±0.02mm		±0.02mm	
	Positioning accuracy Y-axis	±0.02mm		±0.02mm	
RESONATOR	Repeatability accuracy	±0.02mm		±0.02mm	
	Rated power output	1200W/2000W/2500W/3000W	2000W	3000W	



ES23 / ES23X ELECTRO SERVO TURRET PUNCH PRESS

ES23 ONLY



ES23X ONLY



ES23X ONLY



Machine Features:

- Unique designed for high accuracy thin sheet punching operations.
- Overload protection function.
- Multi-Tasking: Punching, forming, roller cutting and tapping.
- Meet the requirements for energy saving and environmental protection.
- High speed, high precision and low noise.
- The integrated assembly reduces floor space occupation effectively.

ES23 / ES23X

Punching capacity	30 ton
X-axis traverse length	2500 ±10 mm
Y-axis traverse length	1250 ±10 mm
Max. sheet size	1250 x 5000 mm
Max. sheet thickness	3 mm
Punching speed (at 25mm pitch)	370 hits/min.
Number of tool station	34 / 48 / 57
Number of auto index station	2(B)

TCH Series

CNC SERVO HYDRAULIC PRESS BRAKE

Machine Features:

- Double upward moving cylinders to effectively, reduce operators fatigue.
- The machine structure is analyzed by ANSYS finite element analysis software to achieve the highest rigidity and stability.
- Equipped with Swiss CYBELEC controller.
- Graphic display of workpiece profile.
- Automatic calculation of workpiece length.
- Hydraulic cylinder deflection compensation



3+1 Axes / 4+1 Axes / 6+1 Axes

CNC Servo Hydraulic Press Brake

Tailift TCH series CNC servo hydraulic press brake features absolutely synchronous movement on Y1 and Y2 axes, that ensures high bending accuracy. The machine structure design complies with human engineering principle for effortless operation.

ITEM		TCH-60	TCH-80	TCH-100	TCH-130	TCH-160	TCH-210
Tonnage	kN	600	800	1000	1300	1600	2100
Bending length	(mm)	2000	2500	3120	3200	3200	3200
Bending stroke	mm	150	150	150	215	215	215
X-axis travel	mm	485	485	485	550	550	550
R-axis travel	mm	290	290	290	290	290	290
Z-axis travel	mm	1250	1750	2350	2350	2350	2350

TAILIFT CO., LTD.

Group Head Office

170, Cheng Kung 3rd Rd. Nankang Ind. Zone, Nantou 54066, Taiwan

Tel: +886-49-2254300 Fax: +886-49-2261363

Website : www.tailiftgroup.com

E-mail : salesgroup@tailift.com.tw

