

**CNC** MACHINE



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

**Tailift**  
www.tailiftgroup.com

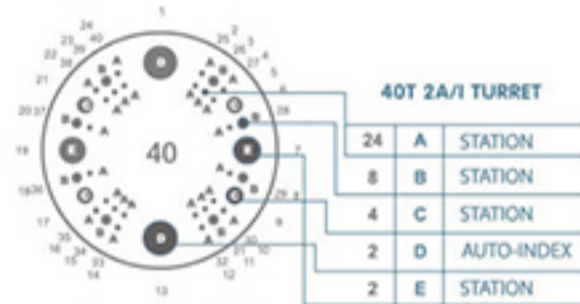
The Pioneer of Sheet Metal Machinery



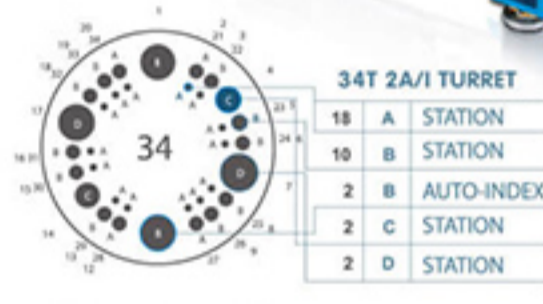
## RM11/13 CP1500/2500 MECHANICAL TURRET PUNCH PRESS

### Machine Features:

- Optimal cost performance ratio.
- Fly wheel and clutch break 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	20	20



## 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	20	20

## RD23 / RD13S

### SERVO HYDRAULIC TURRET PUNCH PRESS



High Speed!  
High Precision!  
Energy Saving!

### High precision CNC Turret Punch

### Machine Features:

- 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.
- Multi-functions include punching, forming, roller cutting and tapping.
- Maximum punching speed (at 25mm pitch): 360 hits/min.

	RD23	RD13S
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

### Machine Features:

- 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

High-speed fly cutting on Fiber Laser

### 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



### 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 ELECTRIC PRESS BRAKE

Speed and Precision to Combine to Press Brake

### Machine Features:

- Double downward 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 Electric 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		TEB-2508	TEB-6020	TEB-8020	TEB-3512	TEB-8505	TCH-60	TCH-80	TCH-100	TCH-130	TCH-160	TCH-210
Tonnage	kN	250	600	800	350	850	600	800	1000	1300	1600	2100
Bending length	(mm)	800	2000	2000	1200	2500	2000	2500	3120	3200	3200	3200
Bending stroke	mm	100	150	150	150	150	150	150	150	215	215	215
X-axis travel	mm	350	500	500	500	500	485	485	485	550	550	550
R-axis travel	mm	120	150	150	120	150	290	290	290	290	290	290
Z-axis travel	mm	400	1500	1500	650	1800	1250	1750	2350	2350	2350	2350

## TAILIFT CO., LTD.

Group Head Office  
170, Cheng Kung 3<sup>rd</sup> Rd. Nankang Ind. Zone, Nantou 54066, Taiwan  
Tel: +886-49-2254300 Fax: +886-49-2261363  
Website : [www.tailiftgroup.com](http://www.tailiftgroup.com)  
E-mail : [salesgroup@tailift.com.tw](mailto:salesgroup@tailift.com.tw)





# 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 3<sup>rd</sup> Rd. Nankang Ind. Zone, Nantou 54066, Taiwan

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

Website : [www.tailiftgroup.com](http://www.tailiftgroup.com)

E-mail : [salesgroup@tailift.com.tw](mailto:salesgroup@tailift.com.tw)

