



INNOVATION, SERVICE, COMMITMENT

Mechanical power press manufacturer

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**PRESS FOR BATTERY CASE**

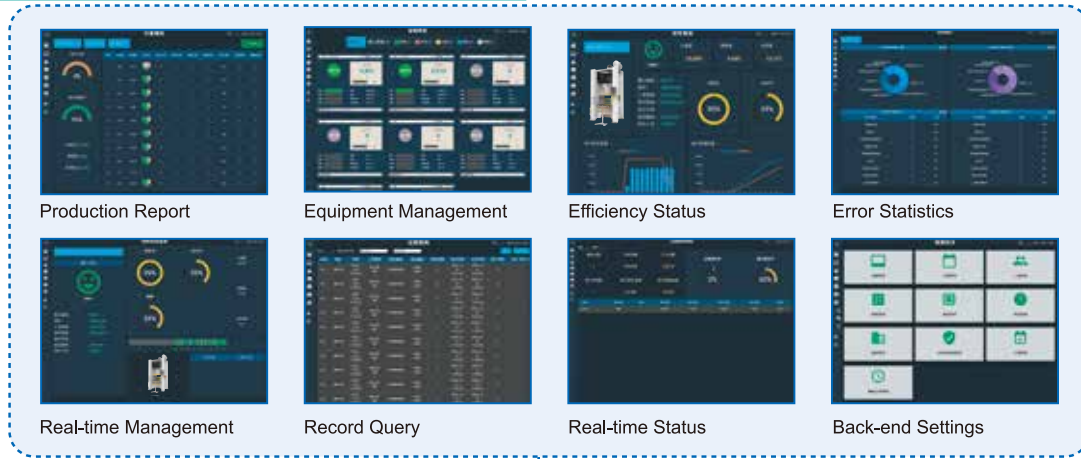


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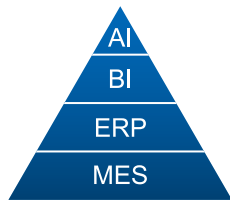


GTX ♦ ST1 ♦ KW2

Data-Driven Decision



Agile Production

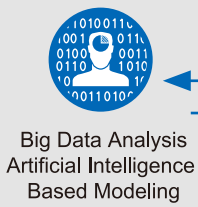


Real-time Communication Intelligence



Application Programming Interface

Real Time Management



Big Data Analysis  
Artificial Intelligence  
Based Modeling



Database Management System



Real-time Data  
Processing



Smart Machine Box (SMB)

Smart Networking

PLC Communication



Intelligent Sensors  
Distribution Map



Defect Detection  
Module



Security Control  
(Face Recognition)



Machine Data  
Collection



Automation System  
Integration

Application Layer

Network Layer

Physical / Sensing Layer



※The picture is for reference only. The actual situation may vary depending on the customer's requirement and the matching automatic peripheral.

Standard Functions / Accessories

- Portable 2-hand Pushbutton T-stand
- Control System (PLC + HMI Operation Panel)
  - Electronic Crank Angle Display
  - Electronic SPM Display
  - LCD type Press Status Monitor
- PLC Controller (Applicable to KW2)
  - Electronic Rotary Cam Switch (6 spare channels)
  - Electronic Crank Angle Display / Stroke No. Indicator
  - Electronic Preset Counter / Stroke Counter (6 digits)
- Overrun Detector
- Motorized Slide Adjustment
- Air Ejector, 3/8"
- Air Sourec Receptacle, 3/8"
- Die Height Indicator (Unit : 0.1mm)
- Mechanical Die height Indicator (Unit : 0.1mm) (Applicable to KW2)

Optional Functions / Accessories

- Flywheel Brake
- Upper Slide Knockout Device
- Foot Switch
- Anti-Vibration Press Mounts
- Safety Block with Plug
- Foundation Anchor Bolts & Plates
- Remote Service
- i Forming Intelligent Monitoring System
- Photoelectric Safety Device
- Efficiency Motor

FEATURES



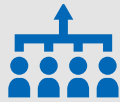
**HIGHLY AUTOMATION**

A stamping production line with automatic feeding from distacking & loading to laminating & packaging.



**GREAT PRODUCTIVITY**

Optimize the production line layout and improve the Die desing, improve the tensile quality of the aluminum shell, and increase productivity up to 30-100PPM.



**LOW COST, HIGH COST PERFORMANCE**

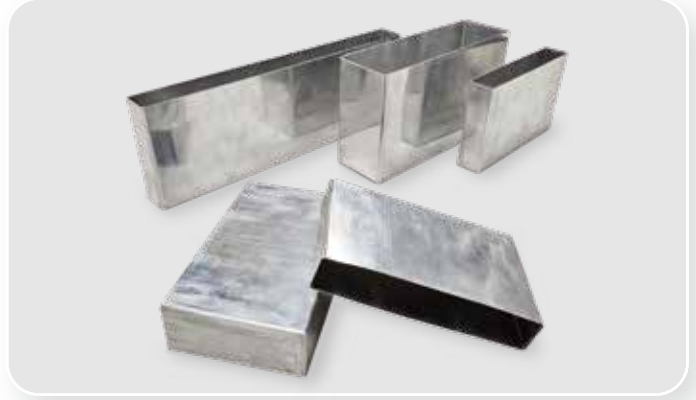
Automated production lines can improve product quality, increase production efficiency, reduce labor cost input, to achieve the purpose of reducing costs and increasing efficiency.



**CUSTOMIZATION**

A variety of optional designs, which can be customized according to customer requirements and environments.

## Square Battery Case Specification



Mode		GTX-300			GTX-400	
type		BSL	BSS	BSH	BSL	BSH
Capacity	ton	300			400	
Rated tonnage point	mm	7			7	
Stroke length	mm	350	450	550	600	700
Strokes per minute	s.p.m	20-45	20-40	15-35	15-30	12-25
Die height (S.D.A.U.)	mm	700	750	800	800	900
Slide area (L.R x F.B.)	mm	2600x1000	2800x1100	3000x1100	3400x1100	3600x1200
Bolster area (L.R. x F.B.)	mm	2800x1100	3000x1200	3200x1200	3600x1200	3800x1200
Side opening (L.R. x H)	mm	1200x700	1200x800	1200x900	1200x900	
Slide adjustment	mm	120			120	
Max. upper die weight	kg	2000	2200		2500	3000
Main motor	Hpxp	50x4			60x4	

## Round Battery Case Specification



Mode		GTX-80	GTX-110	GTX-200		GTX-250		GTX-300
type		BRH	BRH	BRH	BRB	BRH	BRB	BRH
Capacity	ton	80	110	200		250		300
Rated tonnage point	mm	3.5	5	6		7		7
Stroke length	mm	180	190	220	280	320	380	400
Strokes pwe minute	s.p.m	60-100	40-80	30-60	25-50	20-45	20-40	20-40
Die height (S.D.A.U.)	mm	350	400	500	550	600		600
Slide area (L.R. x F.B.)	mm	1500x500	1700x550	2100x800		2400x850		2600x900
Bolster area (L.R. x F.B.)	mm	1600x600	1800x650	2200x950		2500x1000		2700x1000
Side opening (L.R. x H)	mm	550x400	600x450	850x600		900x650		900x650
Slide adjustment	mm	80	100	100	120	120		120
Max. upper die weight	kg	800	800	1200		1500		2000
Main motor	Hp x p	15x4	20x4	30x4		40x4		50x4

# Battery Case Cover Specification



**High Driving Torque Wet Clutch & Brake**

- Superior Performance
- Improved Efficiency
- Low Inertia
- High Torque
- Noise Reduction
- Dust-Free Operation
- Prolong Lifespan
- Less Maintenance Cost



Mode		GTX-200	GTX-300		GTX-400	
type		BTH	BTH	BTL	BTH	BTL
Capacity	ton	200	300		400	
Rated tonnage point	mm	3	3		3	4
Stroke length	mm	30	30	70	40	80
Strokes per minute	s.p.m	100-230	100-200	90-180	90-180	80-160
Die height (S.D.A.U.)	mm	450	500		550	600
Slide area	mm	1800x700	2100x800		2300x1000	
Bolster area (L.R. x F.B.)	mm	1800x900	2100x1000		2300x1100	
Side opening (L.R. x H)	mm	500x400	500x400		600x500	
Slide adjustment	mm	50	50	120	100	150
Max. upper die weight	kg	1100	1500		2000	



## Efficiency Motor (Optional)

### Efficient and Plug-and-Play

The motor operates at IE4 and IE5 efficiency standards, coupled with an efficiency inverter to achieve energy savings.

### Lightweight with High Power Density

Compared to induction motors with the same power rating, it reduces 1-2 standard frame sizes, allowing flexible installation and saving space.

### Simple Installation

Compatible with standard asynchronous motor frame sizes, enabling convenient interchangeability.

### Low Noise & Vibration

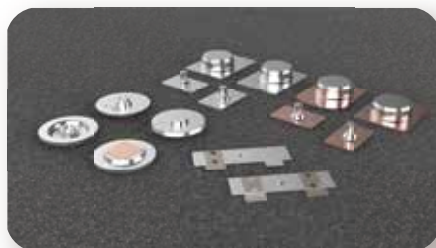
Comparable to induction motors, it reduces operational noise and has a low vibration coefficient, to enhance precision.

Mode		GTX-500		GTX-600		GTX-800	
type		BTH	BTL	BTH	BTL	BTH	BTL
Capacity	ton	500		600		800	
Rated tonnage point	mm	3	4	3	4	3	4
Strokes length	mm	40	80	40	80	50	80
Strokes per minute	s.p.m	80-160	70-140	70-150	60-130	60-120	50-100
Die height (S.D.A.U.)	mm	550	600	550	600	600	600
Slide area (L.R. x F.B.)	mm	2400x1000		2500x1000		2700x1100	
Bolster area (L.R. x F.B.)	mm	2400x1100		2500x1100		2700x1200	
Side opening (L.R. x H)	mm	600x500		700x500		700x500	
Side adjustment	mm	100	150	100	150	100	150
Max. upper die weight	kg	2400		2500		3000	

# Battery Case Cover Specification



- ◆High Precision Stamping Solution
- ◆Reduced Noise& Vibration
- ◆User-Friendly Operator Controls
- ◆Reduced Angular Deflection
- ◆Minimal Frame Deflection
- ◆Easy Adaptation of Various Press



※ The contour of upgraded model is only for reference.

Mode		ST1-80			ST1-110			ST1-160			ST1-200							
Type		S	H	L	S	H	L	S	H	L	S	H	L					
Capacity	ton	80			110			160			200							
Rated tonnage point	mm	5	3.2	5	5	3.2	5	6	4	6	6	4	6					
Stroke length	mm	100	60	150	110	70	180	130	80	200	150	100	200					
Strokes per minute	Fixed Speed	80		100	60		70	90	50		60		80	45		50	65	35
	Variable Speed	50-100		65-140	40-75		45-90	60-130	30-65		35-70		50-100	20-50		35-70	45-95	20-50
Die height (S.D.A.U)	mm	355	375	330	385	405	350	435	460	400	475	500	450					
Slide area (L.RxF.B.)	mm	560x460			650x520			700x580			850x650							
Bolster area (L.RxF.B.)	A	780x600			900x680			1000x760			1150x820							
	B	950x600			1050x680			1200x760			1300x820							
Side opening (L.R x H)	mm	450x460			550x500			600x560			700x610							
Side adjustment	mm	80			90			100			110							
Max. upper die weight	kg	345			450			540			800							
Main motor	Hpxp	10x4			15x4			20x4			20x4							



## Battery Case Cover Specification



※ The contour of upgraded model is only for reference.

- ◆ High Driving Torque Wet Clutch & Brake
- ◆ Box Type 6-point Gibs
- ◆ Ultra Rigid Straight Side Frame
- ◆ Minimum Total Clearance
- ◆ Electronic Crank Angle Indicator
- ◆ HMI Operation Panel



Mode		ST1-260			ST1-300		ST1-400		ST1-500	ST1-600
Type		S	H	L	S	XL	H	L	L	L
Capacity	ton	260			300		400		500	600
Rated tonnage point	mm	6	4	6	6		3	7	7	7
Stroke length	mm	180	100	250	180	300	170	300	300	300
Strokes per minute	Fixed Speed	45	55	30	45	30	-		-	-
	Variable Speed	30-60	35-75	20-40	30-50	20-35	30-50	20-35	15-35	15-35
Die height(S.D.A.U.)	mm	485	525	450	610	550	450	550	550	550
Slide area (L.R. x F.B.)	mm	920x700			920x700		1100x1000		1100x1000	1450x1100
Bolster area (L.R. x F.B.)	A	1300x840			1300x840		-		-	-
	B	1400x840			1400x840		1350x1100		1350x1100	1550x1200
Side opening (L.R x H)	mm	750x660			750x700		600x500	800x600	1000x600	1000x600
Slide adjustment	mm	120			120		120		120	120
Max. upper die weight	kg	800			800		1500		1500	1800
Main motor	Hpxp	25x4			30x4		40x4		50x4	60x4

## Battery Case Cover Specification



Capable of Sheet Metal Stamping Processes. It can undergo sheet metal stamping processes (blanking, stretching, bending, and localized forming processes) and cold forging processes (flattening/forging rough processes, extrusion, drawing, and imprinting forming processes), achieving nearly net-shaped forging compound processing of sheet materials.



Mode		KW2-260	KW2-400	KW2-600	KW2-800	KW2-1000	KW2-1200	
Capacity	ton	260	400	600	800	1000	1200	
Rated tonnage point	mm	8	8	8	8	8	8	
Stroke length	mm	120	160	200	200	250	250	
Strokes per minute	Fixed Speed	s.p.m	35	35	35	30	30	30
	Variable Speed		35-50	25-50	25-45	25-40	20-35	20-35
Die height (S.D.A.U.)	mm	450	450	600	650	650	650	
Slide area (L.R. x F.B.)	mm	1300x750	1600x900	2150x1250	2250x1300	2500x1400	2500x1400	
Bolster area (L.R. x F.B.)	mm	1300x750	1600x900	2150x1250	2250x1300	2500x1400	2500x1400	
Slide opening (L.R. x H)	mm	400x400	800x600	1300x875	1400x875	1450x875	1450x875	
Slide adjustment	mm	50	75	100	120	120	150	
Main motor	Hp x p	40x4	75x4	125x4	175x4	175x4	250x4	
Slide adjustment motor	Kw x p	1.5x4	3.7x4	3.7x6	7.5x6	7.5x6	7.5x6	
Working height	mm	1196	1135	850	850	850	850	