



# SM2 SERIES

Progressive Stamping Link Press





**TAIWAN**  
EXCELLENCE 2000

## Features

*Applicable for small type with massive progressive die production for blanking, piercing, bending, forming with transfer unit.*

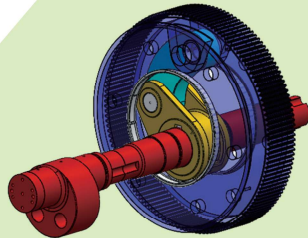
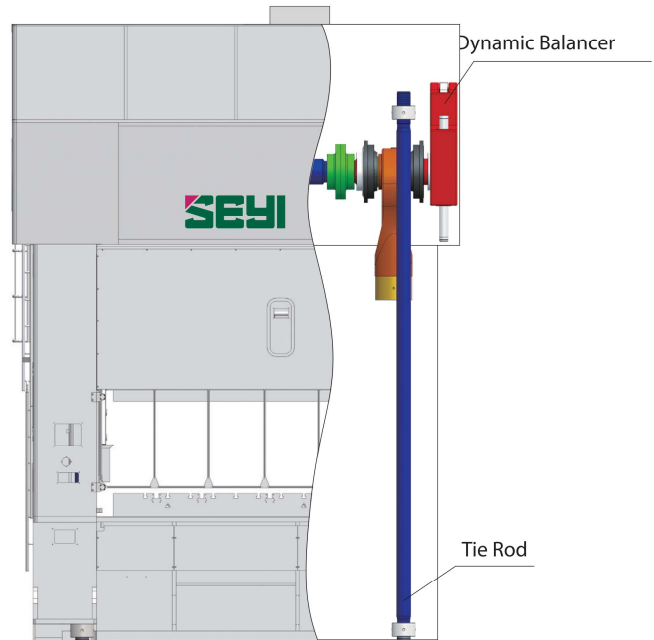


- Produce well for over 6mm thick plate stamping.
- High precision & rigidity structural design.
- Low forming speed.
- Unique dynamic balance system.

- Achieve up to  **50%** productivity (Compare with crank type press)
- Save up to  **50%** energy consumption (Compare with crank type press)

## Innovative Frame Design

- High precision & rigidity structure with tie-rod Design for resisting deflection for more accurate parts.
- Slide & bolster bed processed under welding and annealing procedures, reducing deflection less than 1/14000 (0.00087 inches per foot).

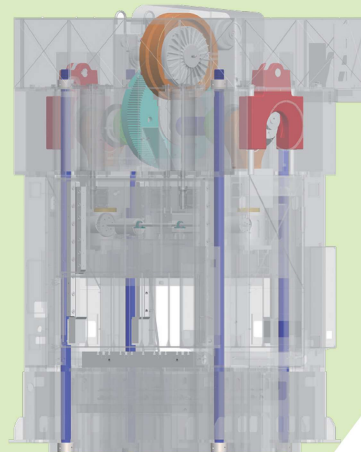
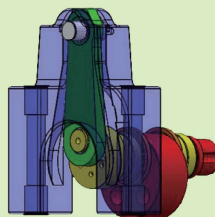


## Link Motion

SM2 series incorporate with link motion to reduce ram speed during the forming stroke while increasing speed on the up stroke to improve productivity.

## Dynamic Balance System

Unique Dynamic Balance System facilitates maintenance of overall structure balance during high speed movements.



## Precision 8 Point Square Slide Guide

Super-wide 8-point gib provides maximum assurance of accuracy and rigidity- most effective for products requiring super precision.

# Devotion To Quality

- Minimum scratches and surface markings.
- Lowest material consumption.
- Insignificant variances in product thickness and density.
- Wide array of product varieties; in addition to metal, it is also highly suitable for materials requiring definiteness (i.e. aluminum, stainless steel, etc.).

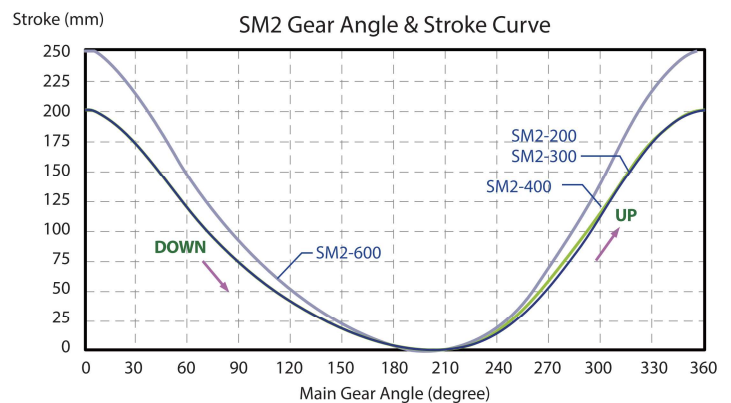
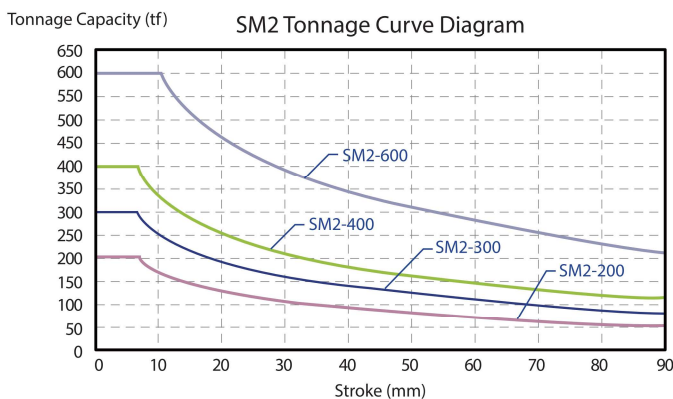


## Fully Automated Functionality

- Full-color touch panel.
- Multi-language capability.

## Pneumatic Wet Type Clutch & Brake

- Rapid start-up and brake.
- Low inertia & high torque.
- Brake with low abrasion powder metallurgy lining pad.
- Compliant to environmental standards.
- Excellent heat dissipation.



- Leading entry into tonnage rating point, slide moves in reduced speed, facilitating the reduction of production impact, avoiding die overheating and vibration.
- Extended die life and precise blanking are achieved.
- During drawing, flywheel is effectively utilized reducing required production time, suitable for various forms of product.

# SM2 SERIES

Model			SM2-200	SM2-300	SM2-400	SM2-600
Tonnage Capacity	tf		200	300	400	600
Stroke Length	mm		200	200	200	250
Stroke per Minute	S.P.M.		50~120	40~100	30~80	30~70
Tonnage Rating Point	mm		6.5	6.5	6.5	10
Die Height	mm		450	550	650	750
Slide Adjustment	mm		100	100	100	150
Slide Area (L.R. × F.B.)	1	mm	1500 × 900	1800 × 1000	2100 × 1100	2400 × 1250
	2		1800 × 900	2100 × 1000	2400 × 1100	2700 × 1250
	3		2100 × 900	2400 × 1000	2700 × 1100	3000 × 1250
Bolster Area (L.R. × F.B.)	1	mm	1500 × 1000	1800 × 1100	2100 × 1200	2400 × 1400
	2		1800 × 1000	2100 × 1100	2400 × 1200	2700 × 1400
	3		2100 × 1000	2400 × 1100	2700 × 1200	3000 × 1400
Bolster Thickness	mm		180	180	250	250
Bolster Height (W/Mounts)	mm		1000	1150	1250	850 (W/Foundation)
Upper Die Weight	kg		1000	1500	3000	3000
Main Motor	HP × P		40 × 4	50 × 4	60 × 4	125 × 4
Window Opening (F.B. × T.B.)	mm		700 × 250	800 × 250	900 × 250	1050 × 250
Total Height	mm		4410	5000	5500	6400 (from FL)
Required Air Pressure	kgf/m <sup>2</sup>		5			

## Standard Attachments

- Counter Balance
- Dynamic Balancing Device
- Hydraulic Overload Protection
- Motorized Slide Adjustment
- Programmable Cam Switches
- SPM and Crank Angle Displays
- Total Counter - 1 Set
- Preset Counter - 1 Set
- Maintenance Counter - 1 Set
- Misfeed Socket - 2 Sets
- Air Outlet - 1 Set
- Air Ejector - 2 Sets
- Main Motor with Inverter
- Flywheel Brake
- Main Motor FWD / REV Switch
- Electronic Die Release
- Automatic Recirculating Lubrication System
- Upright-Mount, Cabinet-Type Operator Console
- Touch Panel
- Combination Wet Clutch/Brake
- Dual Check Safety Electrical Circuit
- Push-Locked Emergency Stop Button - 5 Sets
- Tooling Light
- Safety Fence
- Ladder
- Portable Operator Stand - 1 Set
- Safety Door
- Safety Block
- Tool Box
- Anti & Vibration Mount

## Optional Attachments

- Quick Die Change System
- Safety Light Curtain
- Tonnage Monitor



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