

STANDARD ATTACHMENTS

- ▶ Servo System
- ▶ Safety Brake System
- ▶ Electric Overload Protection
- ▶ Tonnage Monitor
- ▶ Programmable Motion Profiles
- ▶ Job Storage Capacity- Up to 200
- ▶ Die Height Adjustment
- ▶ Slide Positon Adjustment(Handy Pulser)
- ▶ Portable Operation Stand
- ▶ Misfeed Socket 4 Set (2A,2B)
- ▶ Pneumatic ejector 1 Set
- ▶ Safety Light Curtain
- ▶ Oil Lubrication System
- ▶ Total/Preset/Batch/Maintenance Counter
- ▶ Anti Vibration Mounts
- ▶ Safety Block
- ▶ Die Lamp
- ▶ Tool Box

OPTIONAL ATTACHMENTS

- ▶ Hydro-pneumatic Die Cushion
- ▶ Hydraulic Die Cushion
- ▶ NDC (Servo Die Cushion)
- ▶ Quick Die Change System
- ▶ Lamp Socket (1A)
- ▶ Rear Safety Guard



SHIEH YIH MACHINERY INDUSTRY CO., LTD. (HEADQUARTERS)

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SEYI Mexico

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SDM1 Series

Highly Efficient & Energy-Saving
Heavy Stamping Servo Press



Overview

Equipped with new-generation SEYI servo control system, this high-efficiency heavy stamping servo press is designed for forming thick metal plates over 6mm thickness. The slide movement can be flexibly adjusted to fulfill different applications, such as bending, drawing and piercing. Suitable to manufacture high-precision and high-quality parts for automobiles, motorcycles, ICT products, aerospace, and medical equipment.



8-sided guide design to ensure the high stability of the slide



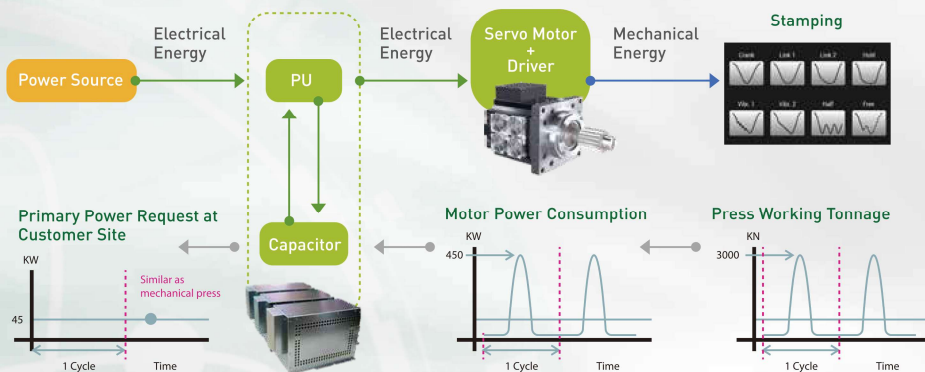
In-house developed servo motors to support different sizes of presses

Product Features

- ▶ High-Precision Forming Press
- ▶ Able to Fulfill Multiple Stamping Processes
- ▶ Intuitive User Interface for Easy Setup
- ▶ Significant Enhancement in Production Efficiency
- ▶ Support Different Types of Communication Protocols
- ▶ Low Noise and Energy Saving

Power Leveling

The peak instantaneous current normally occurs during the stamping process. Via PU, the voltage of the power source can be still stable without a sudden increase.



Suitable for producing clutch covers, steel wheel rims, front shells, oil filter cover plates, drum brake, brake pads, battery covers, and other ultra-thick plates.



Fully Programmable Slide Motion

Thanks to the powerful servo motor and control system, the press slide can run at any position at different speeds. The parameters of different slide motions can be easily set up on the user-friendly HMI interface, i.e., it is fully programmable, allowing users to optimize the press for every part.



Specification

Model Type		SDM1-500	SDM1-650	SDM1-800
Capacity	kN	5000	6500	8000
Stroke Length	mm	300	300	300
Strokes per Minute	S.P.M.	1-40	1-35	1-30
Tonnage Rating Point	mm	13	13	13
Die Height	mm	650	700	750
Slide Adjustment	mm	150	150	150
Slide Area (LR x FB)	mm	1200 x 1100	1300 x 1200	1500 x 1300
Bolster Area (LR X FB)	mm	1200x1200	1300x1300	1500x1500
Bolster Thickness	mm	250	250	250
Bolster Height (with Mounts)	mm	1060	1100	1200
Upper Die Weight	kg	1000	1500	2000
Slide Adjustment Motor	kWxP	1.5x4	2x6	2x6
Window Opening	mm	700x 550	800x600	850x 650
Total Height	mm	5300	5600	6500
Required Air Pressure	MPa		0.6	

* This specification is subject to change without notice.

* For special requirements, please contact your local supplier.

* The machine appearance may vary due to different requirements.