







Ningbo Shunxing Machinery Manufacting Co., Ltd.

No.70, Rd., Lingyanshan, Daqi, Beilun, Ningbo, Zhejiang. China T+86-0574-86132288 F+86-0574-86191278 E-mail: info@sprexco.com











SPOTTING PRESS EXPERT

Ningbo Shunxing Machinery Manufacturing Co., Ltd. www.sprexco.com

ST SERIES OF STAMPING TYPE DIE SPOTTING MACHINE

SHUNXING-100ST/300ST



DESIGN HIGHLIGHTS:

Innovatively use the impact force of falling body instead of the static pressure mold closing force of the conventional die spotting machine to realize the inspection function. The moving and fixed molds have a very large impact force at the moment of free fall contact, so the single printing effect is better than that of the conventional die spotting machine with the same mold surface size.

High-standard configuration and computer-aided design ensure the excellent performance of the machine. The main machining parts are all processed by imported machining centers to ensure the processing accuracy of mechanical parts, and the related heat treatment of important parts and materials that are easy to wear parts improve performance. The hydraulic system adopts the optimized combination of high-performance imported hydraulic parts, and the control part adopts the computer control system of special die spotting machine.

- High torque rotary cylinder with high torque and high reliability is used to drive the upper template to rotate. Encoder is used to monitor feedback rotation angle.
- The proportional valve is used to control the rotation of the rotary cylinder linearly, which makes the running speed fast and the brak ing stable. 3
- The distance of falling body is adjustable.
- When the mold is installed on the equipment for the first time, the control interface can choose the low-pressure mold protection function (no impact at this time) to complete the preliminary
- With the same mold size equipment, the overall dimension of stamping mold closing machine is about 25% smaller than that of



- traditional mold closing machine, and the utilization rate of workshop is higher
- Reinforced high rigid base ensures overall rigidity of equipment under high impact force
- The oil-free and self-lubricating graphite copper sleeve guide makes the machine cleaner and environmentally friendly; low f riction coefficient with no "adhesion" phenomenon
- The lower worktable is equipped with high precision positioning device and lifting device
- Hidden oil tank and motor make the overall appearance simple and beautiful
- Practical and reliable fault detection and alarm functions
- Mechanical, electrical and hydraulic measures are available to ensure consistent rotation reset positions

Machine parameter (unit)	SX100ST	SX160ST	SX200ST	SX300ST
Max. mold weight (ton)	12	16	20	36
Max.upper mold weight (ton)	4	8	10	18
Worktable size (mm)	1400 X 1100	1600X1300	1800X1500	2200X1800
Max. distance between two worktables (mm)	1400	1600	1800	2100
Min. distance between two worktables (mm)	300	300	300	400
Ejection stroke (mm)	220	300	300	300
Ejection force (ton)	22	63	63	63
Mold open capacity (ton)	370	950	950	1500
Turning angle of upper worktable (°)	180	180	180	180
Motor power (kw)	15	19	25	27

^{*} Note: technical parameters are subject to change without notice.





