



Equipment Solutions of Sheet Metal Stamping in TIMTOS 2011

Shieh Yih Machinery Industry Co., Ltd (SEYI)

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Highlight Points

- Servo-driven press adds tooling for showing unique servo presses advantages.
- Link drive press with 3 axis transfer system demonstration.
- Special purpose machine of making oil filter metal housing in one stroke and one die.
- H frame presses x3 integrate with loading / unloading transfer system.

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At the 2011 Taipei International Machine Tool Show, 2011, booth# E422 at exhibition hall 2, SEYI showcase creative die design, transfer line, and press line integration with a live production demonstration.

1. 200ton Servo Press SD1-200 adds car oil tray tools with live production featuring:
 - Perform unique programmable slide stroke motion
 - Revolution in the way of manufacturing from traditionally 2 stages die by hydraulic presses to be one stage die by servo press.
 - Increase 60% productivity , save 50% floor space, 50% labor cost and 30% energy consumption.
2. 200ton Straight Side Servo Press SD2-200 adds car reinforcement tools with live production featuring:
 - Car reinforcement parts by 980Mpa high tensile steel.
 - Programmable slide stroke motion achieves "Soft Touch" during die working duration in down stroke.
 - Dwell at bottom dead center to overcome material spring back issue.
 - Less die stages enquiry comparing to product by mechanical presses; more productivity than by hydraulic presses.
 - Prolong die life, much less noise, impact and vibration, and product quality increased.
3. 400ton straight side press SLS2-400 integrates with 3 axis transfer system demonstration featuring:
 - Link Drive, 40% slower forming velocity and faster slide returning speed, achieves the benefit of extending metal forming duration without reduce production rate.
 - 3 axis Transfer system offer highest flexibility to move variable type parts between dies in one presses instead of the way of hand feeding parts
 - Increase production rate and reduce labor cost.
4. Loading / unloading single arm transfer x2 integrates with 3 single point H frame presses for automation
5. One stroke, one die to make one oil filter housing by specialist mechanical presses featuring.
 - Automatic coil feeding line, one press with one stage die live demonstration at Seyi factory.
 - Apply to any deep drawing parts up to 160mm high and 100mm diameter such as oil filter housing, internal housing of vacuum bottles, no matter carbon or stainless steel.
 - Higher production rate, less investment and space save compares to the way of hydraulic press and mechanical transfer press manufacturing



2009 TIMTOS SEYI BOOTH

We sincerely welcome you to visit our demonstration of the most up-to-date technologies and latest products.

About Shieh Yih Machinery Industry Co., Ltd (SEYI)

Shieh Yih Machinery Industry Co., Ltd (Taiwanese OTC: 4533) is machines manufacture and equipment provider to sheet metal forming and stamping industry. Since 1962, SEYI has been dedicated to building high quality, innovative and world-class stamping presses. With 48 years of hard work, SEYI has become one of the world's leading stamping press manufacturers. Combined production capacity at the Taiwan and China plants approaches 4,000 presses annually. Our mission is to provide the metal-stamping industry with products that deliver high quality, innovative and effective stamping solutions.