The various stamping and forming applications MMS offers a wide range of servo-driven press-modules and Stamping and Forming Modules, stand-alone or integrated into the MMS production line. We also design and build progressive dies, forming-tools and prototype tooling in house.

Different types of welding systems are integrated into MMS production line such as:
- Resistance Welding
- Laser Welding (Nd-Yak, Fiber Laser, CO2)
- Ultrasonic Welding (and riveting)

Contact Rivets or small plastic parts are fed automatically over hoppers, bowl-feeders and linear vibration tracks into the assembly tool where the parts are fed into the carrier strip and mechanically locked. This can be done either in progressive dies on press-modules or in a special cam-driven riveting module.

Due the independent controller and servo drive, the electro-mechanical tapping units can be used on any type of production machine and are ideal for location in between two modules of an MMS production line. Different models for forming threads from M2 to M12 are available.

MMS hybrid production systems include a variety of partially patented injection molding modules for overmolding pre-stamped strips. MMS also provides mold tools and the complete injection molding periphery. For larger shot sizes rotary table injection molding machines are integrated into the MMS systems.

For feeding and assembly of metal and/or plastic components or electronic components MMS offers a wide variety of standardized feeding and handling systems. The flexible MMS software allows the simple and quick integration of these systems into the MMS production system.

The system-integrated product testing is an integral part of an MMS production system. This is usually done with camera systems or sensor based equipment. Also, high voltage test equipment, either stand-alone or machine integrated, is offered together with the production system if required.

For gapless traceability of the parts or components made on the MMS production systems, various modules for marking either components or the packing can be easily integrated to the production system. For these applications mainly laser marking systems are used.

If required MMS also offers packaging systems for the components produces on the MMS production system. This includes packing into blister-trays, into continuous blister tapes with welding a cover-tape or packing the final parts into plastic tubes. For autonomous production automatic blister or box changers are available.

Please let us know if you require more detailed information to the above mentioned technologies.

MMS Modular Molding Systems GmbH & Co KG
Leobersdorferstrasse 26
A-2560 Berndorf
Austria

Tel.: +43/2672 83247
Fax: +43/ 2672 83247 6
E-mail: info@mms-technology.com
Internet: www.mms-technology.com