Slitting lines
slitting lines

Typical layout
STAM design and manufacture slitting lines able to process hot rolled steel, cold rolled galvanised or pre-painted steel, stainless steel, aluminium, copper and other metals in thicknesses from 0.15 mm up to 13 mm and for maximum widths of 2200 mm. STAM slitting lines can be supplied for operating at high speeds up to 400 m/min and offer high precision and maximum flexibility.

Based on their many years of experience Stam systems offer maximum reliability and safety:
- Decoilers for coil weights up to 45 tons incorporating fully mechanized loading
- Quick automated changing of slitting tools
- High technology process tension controls to match material and material surface requirements and employing, where required, multi-roll bridles
- Self-locking cutting tools on slitters
- Fast action strip separators
- Automatic strip leading and tail end cropping; can operate simultaneously with coil unloading, thus no separate entry in the handling time sequence
- Quick unloading and banding system of the slit coils to minimize standstill between coils

The individual machines of the line and the operation sequences are controlled by computer on the basis of data entered for each job. Subsequently the computer monitors the line for correct operation. An interface facility enables the computer also to be remotely programmed and to transmit information of work completed from the automatic packing line.
STAM quality

Every process of the productive cycle is internally managed by STAM, covering
- Mechanical, electric, and software design,
- Building (fabricating, machining, assembling and painting),
- Mechanical, electrical, hydraulic, pneumatic testing at our plant (and finally at the customer’s works)
- Installation at customer site and commissioning,
- After-sale service.

The aim is to achieve a perfect match between our customers’ requirements and the equipment we supply. Our procedures fully meet the requirements of UNI EN ISO 9001:2000 and STAM’s system is certified by DNV to comply with this standard.

Research and development

STAM’s position of leadership rests on ongoing investment in research and development. Full advantage is taken of computer methods throughout all offices and departments. Particularly noteworthy is the highly successful system for production planning and control and for the functions of the sales department. There are also systems for scrutinising the technical capability, functionality and safety of every line and its component parts. Mechanical components are machined on numerically controlled machine tools to ensure accuracy and quality and provide the basis for interchangeability of replacement parts, should these be required in the future.

STAM has at its disposal a high level of software expertise which brings a special advantage to the control system of the lines they supply, enabling the systems to be precisely matched to each customer’s requirements.