

Road accessories production line

Production line for 2 and 3 bumps crash barrier in compliance to the ASHTO and RAL norms / Production line for column "C", "U" type / Production line for stamped components / Production line for diagonals and chains / Production line for multi plate / Production line for multiplate roll



Dear Sirs,
we thank you for the preference granted and cheerful to inform You regarding the business of our Company.

OMM is specialized in “turnkey” construction of production lines for road accessories:

- ☒ Production line for 2 and 3 bumps crash barrier in compliance to the ASHTO and RAL norms;
- ☒ Production line for column “C”, “U” type, etc.;
- ☒ Production line for stamped components;
- ☒ Production line for diagonals and chains;
- ☒ Production line for multi plate;
- ☒ Production line for multiplate roll.

Keys benefits of our road accessories production machines



Efficiency

Continuous high-quality production.



Performance

Fully automated solutions with high production rate and lowest number of operators.



Time to market

Short & guaranteed time to market.



Turnkey

Turnkey solution without worries for a certain result.

With regard to the steel barrier industry, the high technical know-how gained in design and production activities and our long-standing experience in this field of application enable OMM to provide important brevets and innovations for the manufacturing processes. In fact, OMM has provided highly innovative production solutions to the leading producers of steel barrier in Italy and in particular to IMEVA S.p.a..

On the international market, the company is currently involved in big projects of know-how transfer





concerning the steel barrier production and has worked and collaborate with important company leader in the world as: FORMET, SAN MARCO, TUBOSIDER, METAKO and STALPRODUKT.

The purpose of OMM is to meet the ever increasing demand for highly specialized industrial automatic systems, by assisting the foreign companies in modernization and expansion of their production processes either through strategic cooperation for research customized design and handing over of special production equipment.

The OMM's philosophy is to optimize and increase the production with high automation process and appoint the checking phase to a man.

All of our equipment is supplied directly to the client, complete with a made-to measure, highly articulate, maintenance and after-sales assistance program, together with a staff-training package on demand.



Some features of barriers production line

Production line for crash barriers

High-productivity line: 30 meters per minute.

The main feature of this line is the drilling operation after profiling. This allows to avoid two crossed oval holes, but all are in line. All the line, including stacking operation, is operating non stop, except for coil changing. The holes scraps are collected in a suitable container, and noise level is well below 75 dBA (as in all OMM systems).



- **Loading cradle**
 - Automatic management of coils loading on the decoiler;
- **Ribbon automatic centering group**
 - Automatic ribbon centering compared to the sheet position on profiling machine trough sensor reading
- **Mobile profile**
 - Production changes from 2 to 3 bumps and vice versa in automatic in fast time
- **Fly cutting/punching**
 - Barrier punching and cutting in fly without stop the line and barrier cutting without scrap
- **Barrier automatic unloading & stacking**



- Automatic barrier unloading & stacking system (pack) ready to the following operation of zinc coating
- **Scrap barrier automatic unloading**
 - If required, scrap barrier unloading system with relative stacking



Production line for support columns

Very high-productivity line: 18 meters per minute.

OMM is the only worldwide Supplier offering an innovative flexible system, capable of changing from "U" to "C" type columns in only two minutes. More specifically, the same production line can manufacture all types of columns, "U" type with 80, 100, 120, 120 mm width, tapered and "C" type, with a maximum set-up time of 2 minutes. All pieces are stacked and packed inside each other (see picture), and ready for zinc coating.



Line for stamped components

All accessories for road barriers, like spacers, end blades, etc. are manufactured with this line.

Line for diagonals and chains

Automatic profiling, drilling and bending of side wings.



Multi-plate

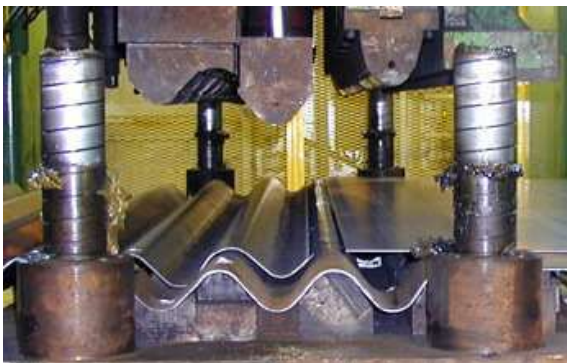
Multiple plates are classified according to the following types:

67,6 x 12,7 - 100 x 20 - 152,4 x 50,8 - 200 x 55

OMM technology can start both from coils (profiling operation) or from sheets (stamping operation).



System for **profiling and piercing the multiple plate** in various sizes, obtained with die changing only. A particular system enables bending and piercing two plates at a time, up to a maximum width of 8 mm.



Automatic system for bending multiple plates

Multi-plate 7 wave, 10 gaps, can be produced every 30 seconds.





On request we can also design and to build special lines and equipments made-to measure for the Customer. All our systems has been designed and manufactured respecting all the norms, in term of safety and respecting the environment (noise, fumes aspiration, energy recovery back), given by the European Community.

We are at Your complete disposal for any needs.
Thanks for your attention, best regards.

Nicola Di Tullio
CEO

