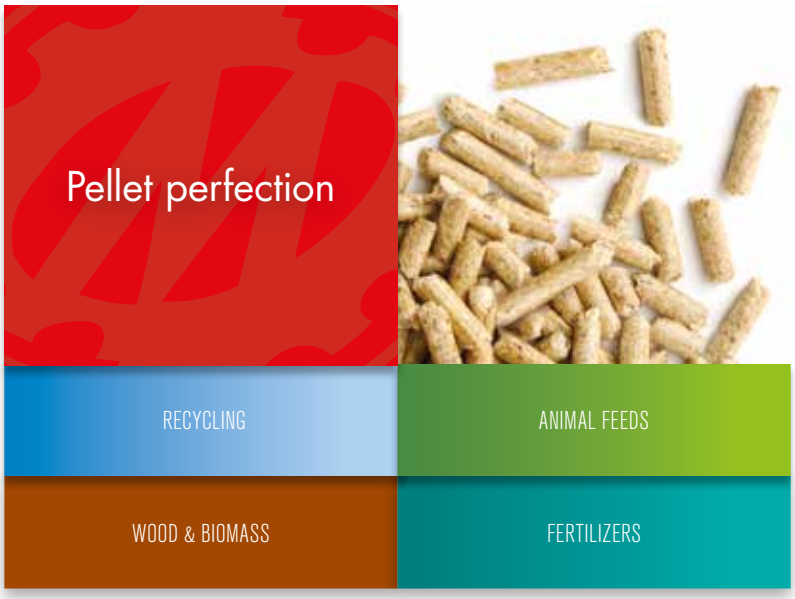
la meccanica

Technology & Creativity at your Service

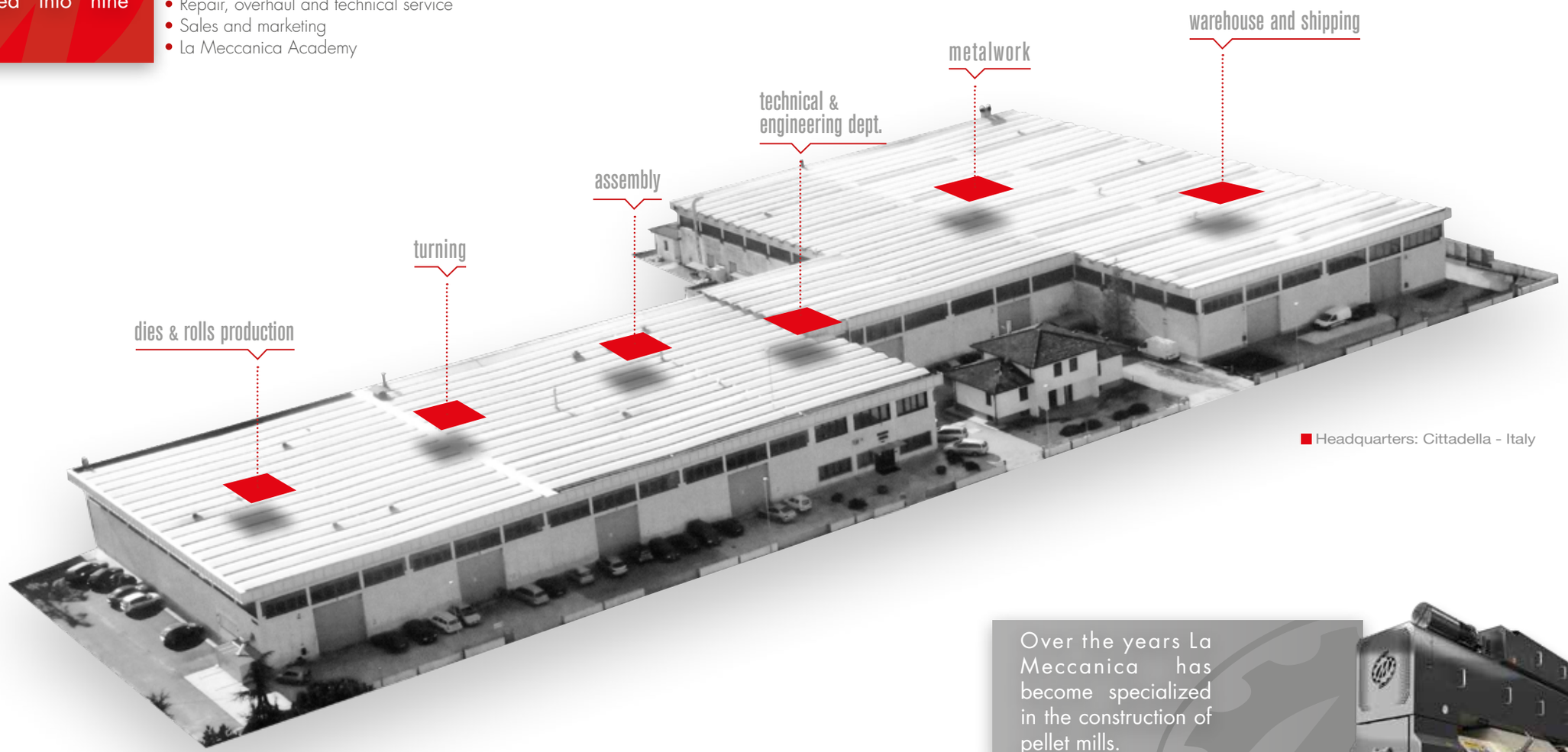


made in Italy

La Meccanica produces complete machinery lines for pellet industry.

Currently La Meccanica employs approximately 80 people (50 in production) and the headquarter has a surface area of more than 10,000 m^2 divided into nine divisions:

- Technical and engineering department
- Die & roller shells production
- Vacuum heat-treatment
- Turning
- Metalwork
- Assembly
- Repair, overhaul and technical service
- Sales and marketing
- La Meccanica Academy



Headquarters: Cittadella - Italy



La Meccanica designs and produces machinery for pellet production plants and spareparts. Development and manufacturing are in-house to ensure direct quality control in real time.

The company primarily operates in the following industries:

- animal feed
- wood pellet
- waste recycling (i.e. RDF, CDR, plastic, paper, etc)
- alfalfa production
- sugar beet
- oil mills
- organic and organ-mineral fertilizers.

A plant project covers every single machine within a pelleting plant: from grinding to mixing, through to the pelleting process.

Over the years La Meccanica has become specialized in the construction of pellet mills.



At present over **1500** La Meccanica pellet mills have been installed and the company has an excellent standing all over the world.

Today **35 different models** of pellet mills are manufactured, with power ranging from 7.5 kW to 355 kW.



60 years of experience in the production of dies and rolls guarantee our customer quality and seriousness.

Our fully automated, fully equipped production plants use avant-garde technologies and produce dies which are exported worldwide.

La Meccanica is your trusted partner to improve your production.

la meccanica

CLM Pellet mill



24 models: up to 370 kW
Capacity: up to 45 T/h
Twin motors version available

All of our models can be "customized": the customer can choose the position of the motor, the size and volume of the conditioners, the size of the screw feeder, color, etc.
More than 1500 units have been installed to date throughout the world.

CLM Pellet mill



11 models: up to 355 kW
Capacity: up to 7 T/h

We developed specialized models with technical differences for wood and agro pellets. A complete line dedicated to the biomasses.

SBR Crumbler



13 models
Capacity: up to 28 T/h

Heavy duty construction, with manual or remote roller gap adjustment.

MM Hammer mill



17 models: up to 560 kW
Capacity: up to 55 T/h

Heavy duty construction, all models equipped with bidirectional rotation, and dynamic balance.

MI Ribbon mixer



5 models
Volume: up to 6000 litres

Double ribbon type: on central axe with counterflow mixing action.

SP Paddles mixer



7 models
Volume: up to 10.000 litres

Accuracy is guaranteed mixtures homogeneous with a variation coefficient of <.5%. The homogeneity is achieved after a short a time (2-3 min).

RCC Counterflow cooler



7 models
Capacity: up to 30 T/h
Double deck version available

Stainless steel hood and bin walls product distributor: stationary and adjustable

RV Vertical cooler



Capacity: up to 10 T/h

Inlet hopper made in stainlesssteel, complete with two product sensors.

DR Dies & rolls



La Meccanica is specialized in the production of dies and rolls for all the main brands of pellet mills.

60 years of experience in die and rolls production offers a guarantee of quality and reliability.

We can guarantee:
- high quality special steels to high chromium content steels
- extremely precise manufacture
- perforation and mirror polishing of holes
- vacuum heat treatment
- minimum die deformation after heat treatment
- test and control before shipment
- rapid delivery times
- all dies are through hardened to 53-54HRc.

Some salient features of our dies:
- easy production start-up's
- high productivity
- long life
- perfect finish of the holes
- vacuum heat treatment eliminating oxidation of the steel
- construction in quality steel with high carbon and chromium content
- high hardness after heat treatment.

LOP Continuos cold oil addition



3 models
Capacity: up to 30 T/h

The oil addition machine enriches the feeds that need a high percentage of oil such as poultry feed, up to 8%, without injuring the compactness of the final product.

RO Horizontal cooler



7 models
Capacity: up to 26 T/h

Cooling deck composed of stainless steel trays.

VB Vibrating sifter



9 models
Capacity pellets/crumbled: up to 30 T/h

Mounted on 8 soft springs ensuring that all dynamic vibration is transferred to the sieving action.

SRT Rotative screener



2 models
Capacity: up to 20 T/h

High capacity.
Low power consumption.
Absence of vibrations.
Low costs of maintenance.

MXB Molasses mixer



1 model
Capacity: up to 60 T/h

This machine is completely made in stainless steel.

GV Vacuum oil addition



4 models
Capacity: up to 10 T/h

The vacuum mixer was conceived to integrate liquid ingredients, up to 2.5%, directly in the extruded product as soon as it has gone through the drying process.

SNF Super sanitizer



5 models
Capacity: up to 60 T/h

The sanitizer provides sanitization and increasing of pellet production up to 15%.

STHT Stht expander



4 models
Capacity: up to 20 T/h

Combining temperature and pressure to provide a crumb with improved nutritional value to that of conventional feeds.

SA Service & assistance



La Meccanica has organized a technical service department to guarantee rapid, highly specialized intervention able to resolve any problem.

After sale service
Strong point of La Meccanica is the after sale service: our skilled technicians and engineers are always available to assist you.

On-site maintenance
Skilled technicians carry out maintenance work and system check, directly at your site, thanks to our fast and efficient technical service.

Training
We assist you to solve your problems or simply to give useful and important directions and advices.
Our on-site training service is made for you by our specialists, who are ready to operate at the customer's premises.

Spare parts
Comprehensive stock ensures quick availability and your production security. By request we can customize service parts contracts.

Open days at La Meccanica
We organize training open days at our headquarter and production sites in Cittadella, Nothern Italy. You are kindly welcome!

la meccanica
Technology & Creativity at your Service

Reliability,
customization,
technical consulting.



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