



la meccanica
Technology & Creativity at your Service

Pellet perfection

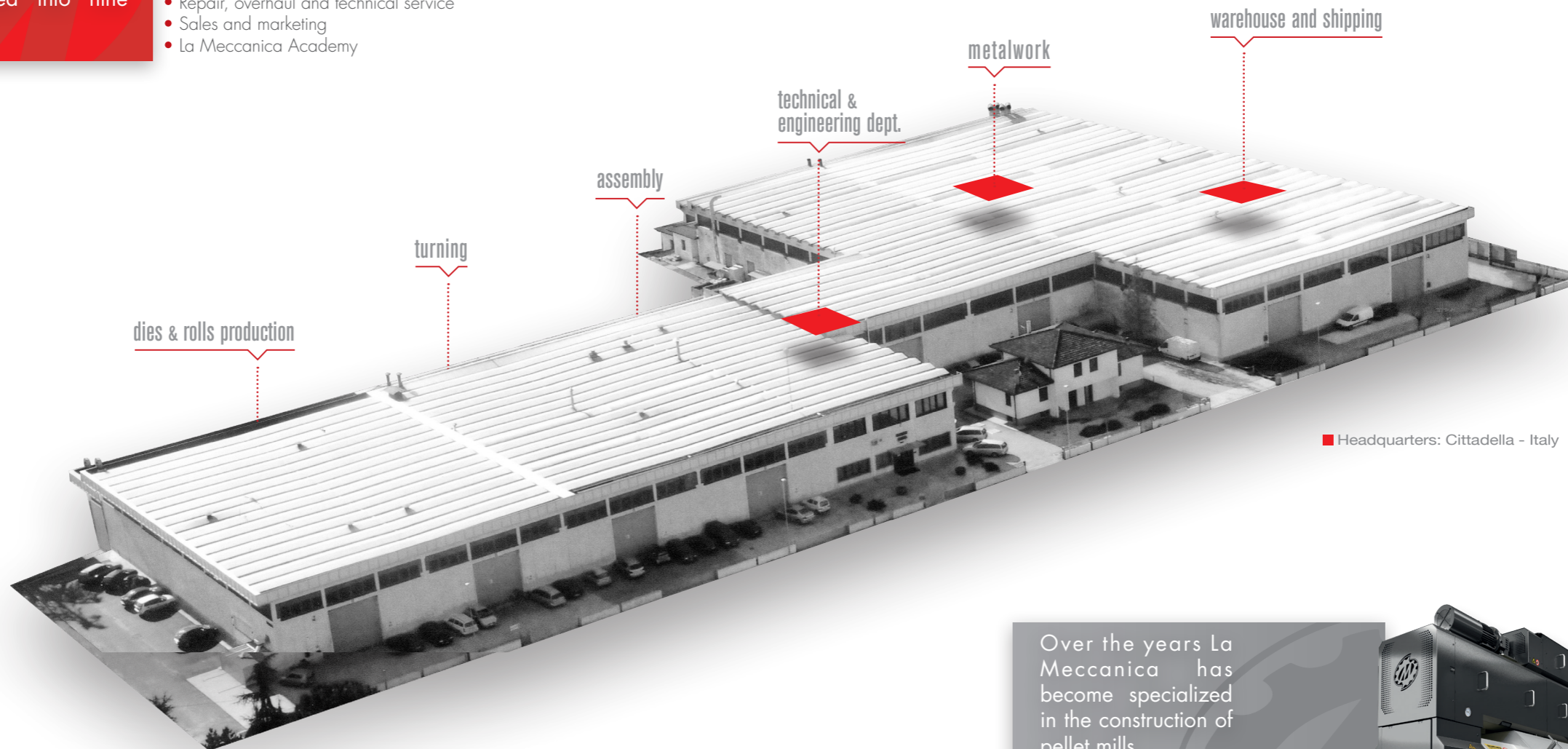
RECYCLING	ANIMAL FEEDS
WOOD & BIOMASS	FERTILIZERS

made in Italy

Currently La Meccanica employs approximately 80 people (50 in production) and the headquarter has a surface area of more than 10,000 m² 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

La Meccanica produces complete machinery lines for pellet industry.



■ Headquarters: Cittadella - Italy

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.

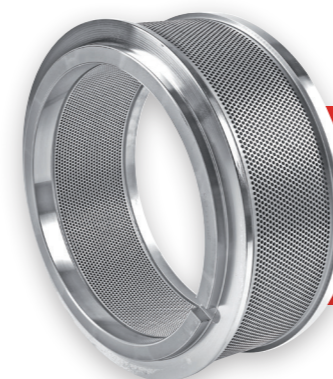
Today 35 different models of pellet mills are manufactured, with power ranging from 7.5 kW to 355 kW.

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.



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.



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.

LOP Continuous cold oil addition

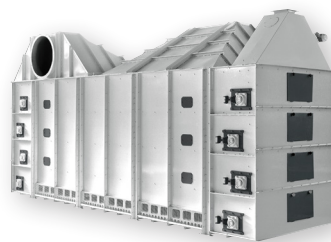


3 models
Capacity: up to 30 T/h



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

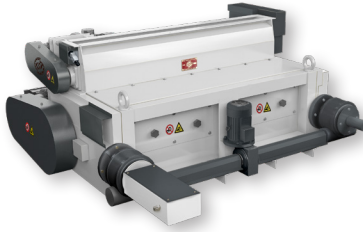


Cooling deck composed of stainless steel trays.

La Meccanica is your trusted partner to improve your production.

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.

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

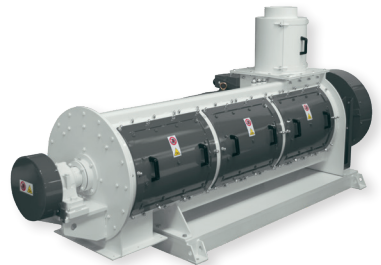
Capacity: up to 20 T/h



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.

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

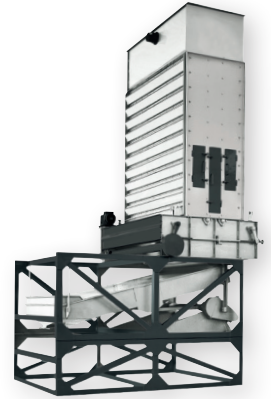
Capacity: up to 30 T/h

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.

GV **Vacuum oil addition**



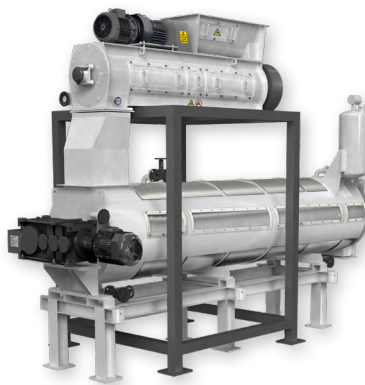
4 models

Capacity: up to 10 T/h



The vacuum mixer was conceived to integrate liquid ingredients, up to 25%, directly in the extruded product as soon as it has gone through the drying process.

SNF **Super sanitizer**



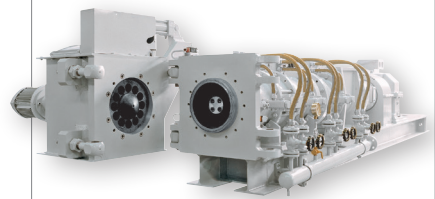
5 models

Capacity: up to 60 T/h



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

STHT **Stht expander**



4 models

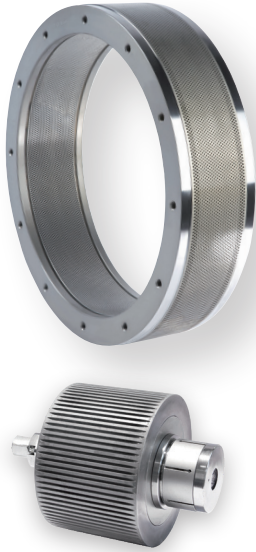
Capacity: up to 20 T/h



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

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.

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, Northern Italy. You are kindly welcome!



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Reliability,
customization,
technical consulting.



La Meccanica Srl di Reffo



Via padre Nicolini, 1
35013 Cittadella - Italy
+39 049 9419000
lameccanica@lameccanica.it

www.lameccanica.it