

Extruding Aqua & Pet Food Production



Extruding Process Line

- 1.) Matador is a unique company with the ability to manufacture and supply each and every key-processing machine in the feed production line
- 2.) Our packages are tailor-made to suit your specific requirements whether it be know-how, engineering, individual process machines, complete processing lines, spare part and service availability
- 3.) Our concept is simple and effective; we strive to be a "one-stop" all round supplier for all your extruding needs

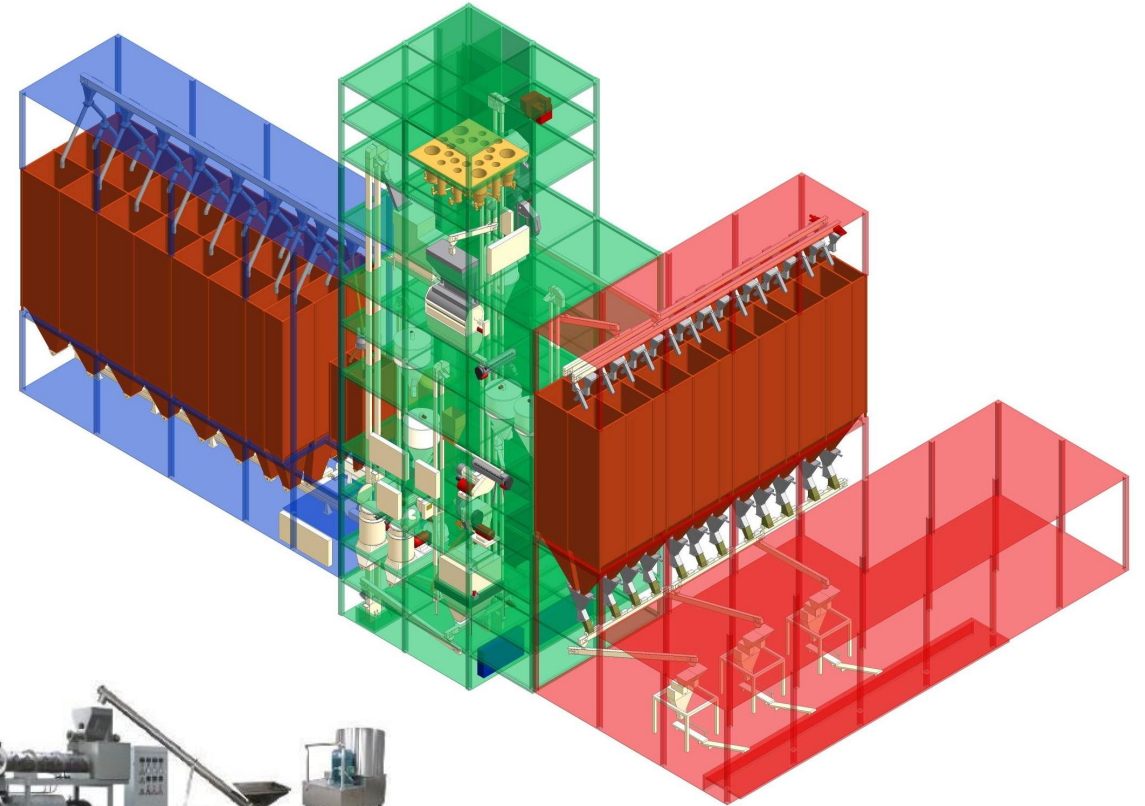
Extruding Food Production Line



Plant Design

Extruding Food Production Line

- 1.) Our designs - your pelleting plant
- 2.) Engineering design
- 3.) Process consultation
- 5.) State-of-the-art technology
- 6.) Best plant design available



Extruding Process Line

- Dosing & Premixing
- Fine Grinding
- Batching Mixing
- Conditioning
- Extruding
- Drying
- Coating & Cooling
- Packing
- Control System



Extruding Food Production Line

Dosing & Pre-mixing

Auto-Dosing System

- Hopper weighers for weighing of individual constituents or formula mixtures
- Dusttight design
- Fully electronic operation
- Efficient emptying
- Complete Computer Control
- Siemens PLC system



Extruding Food Production Line



Dosing & Pre-mixing

Extruding Food Production Line

Premixing System

- S-shaft Ribbon Mixing Structure.
- CV less than 7%
- For dry materials premixing
- Complete gate opening structure by electrical motor or pneumatic cylinder structure.



Fine Grinding - Hammer Mill

Extruding Food Production Line

Hammer Mill

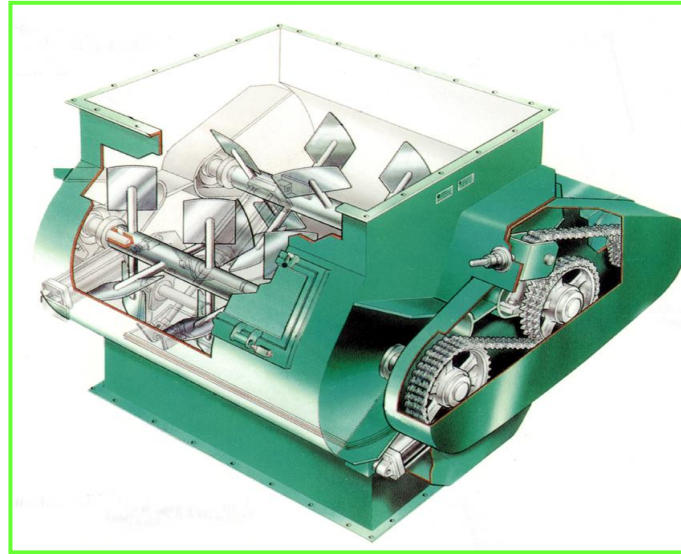
- High capacity hammermills for fine grinding of feeds
- Optimum grinding process in the production line
- Optimum particle sizes
- High capacity
- High speed (3000rpm/50hz)
- Reduced noise level
- Energy saving closed rotor design



Batching Mixer

DM Series Mixer

- Double-Paddle mixer
- Batch mixer for powders and crumbles
- Addition of up to 2 liquid constituents
- Mixing accuracy 1 : 100,000
- Batch size 20-100%
- Efficient emptying
- Large cleaning effect
- Modular pre-bin
- Modular surge bin

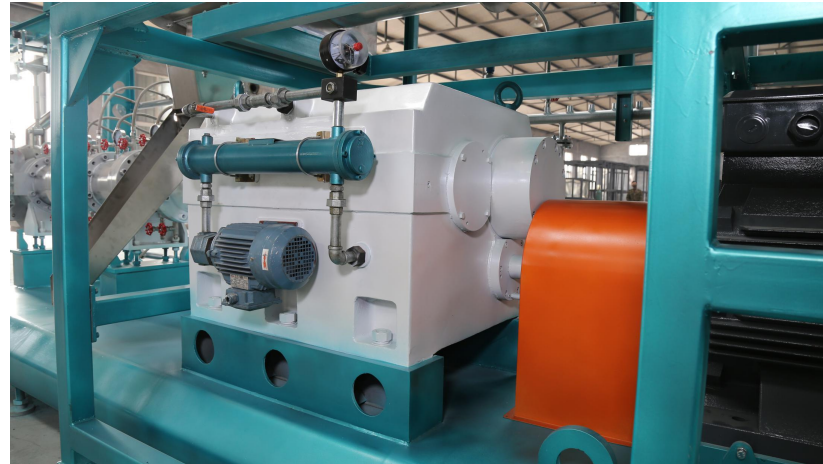


Extruding Food Production Line

Extruding & Drying

Matador Doube-Screw Extruder

- Capacity 1.0-8.0T/H
- Gear Box Driven
- Doule-Screw Extruding System.
- Manual steam & liquid adding system.
- For extruding floating aqua



Extruding Food Production Line

Extruding & Drying

Horizontal Dryer

- Complete Stainless Steel touching area
- Steam exchange heating air structure.
- Moisture drying: 25% to 8%.
- OPP: Andritz Automatic Control Dyer



Extruding Food Production Line



Coating & Cooling

CC Series Cooler

Counterflow cooling:

- Efficient energy transfer
- Cooling of heat treated meals to ensure proper storage
- Clean operating conditions
- Low maintenance and operational costs

OC Series Oil Coater

- Oil Coating 3-7%
- Complete SS structure

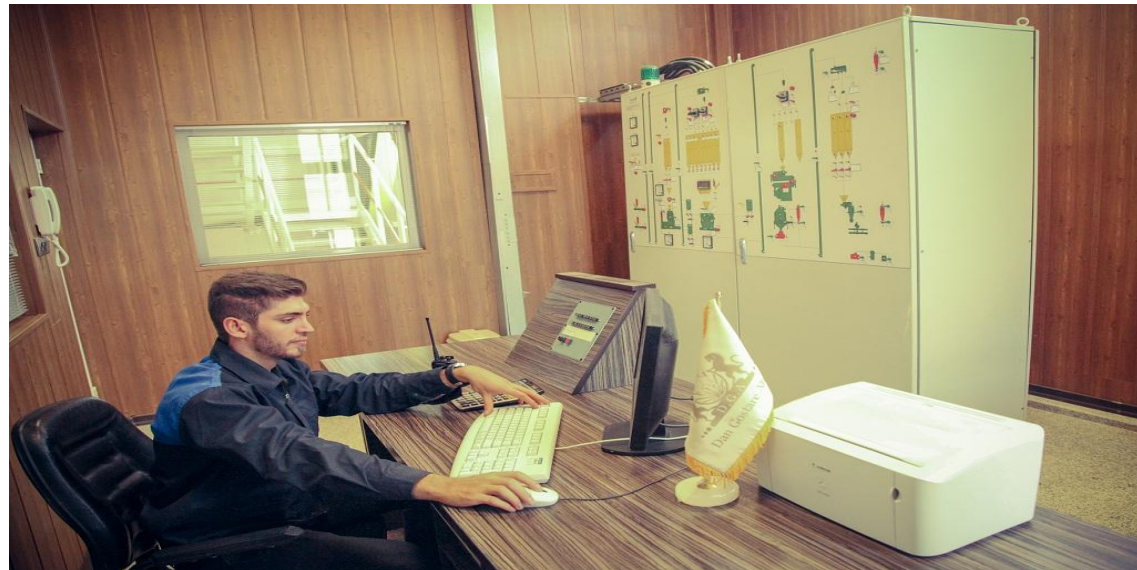


Extruding Food Production Line

Control System

Complete Plant Control System

- User friendly windows based system
- English can be made available
- Traceability of batch
- Inter-lock with plant control
- Formulation link to head office
- Link between production plants, process optimization
- DELL business class computer system.
- Siemens PLC system
- Schneider -France switches system.



Aqua Food Production Line