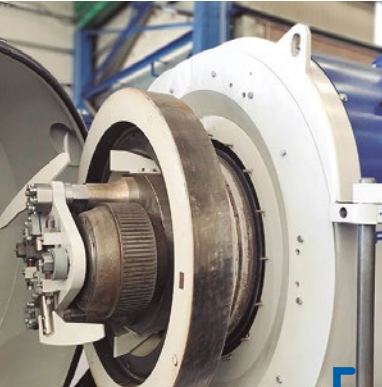




SPAIN  
USA  
FRANCE  
INDIA  
VIETNAM



**PRÜDESA**  
GROUP



TURNKEY SOLUTIONS  
EQUIPMENT  
MANUFACTURE  
AFTER SALES  
SERVICES

Turnkey solutions that meet all your needs, no matter the extreme temperature and humidity conditions, all over the world.  
Design, manufacturing and supply of complete biomass pellet plants or any of its processing lines such as biomass dryers or pelleting lines.

## Turnkey solutions for biomass processing, thermal drying and pellet production

### Diversity of raw materials

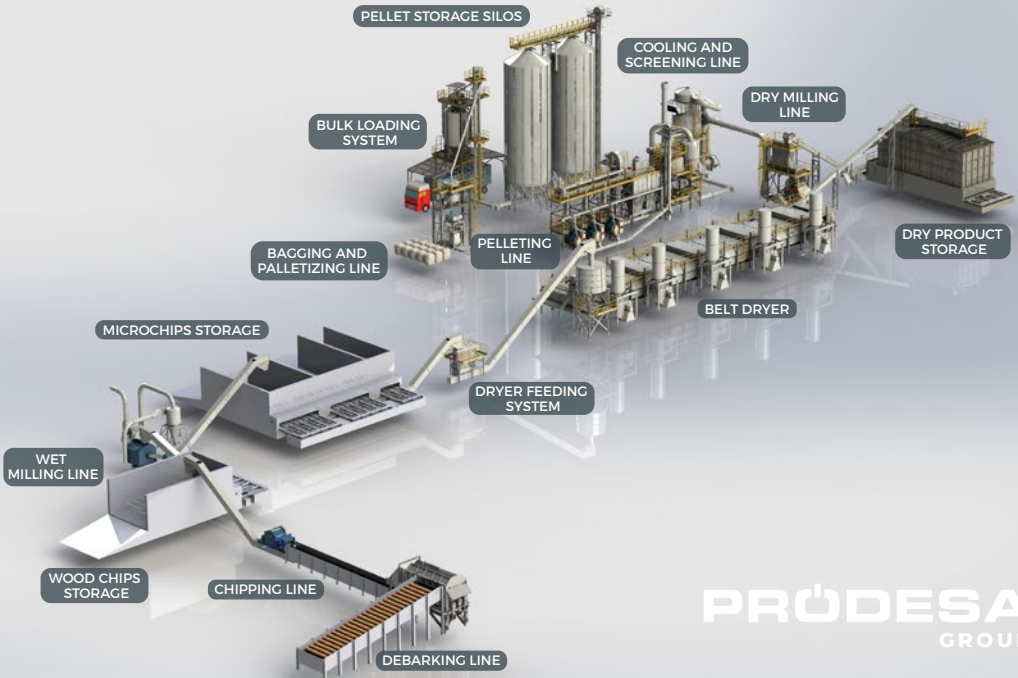
White wood pellet plants

Black pellet plants

Agro pellets (alfafa, straw, sugar cane bagasse, peanut husks,...)

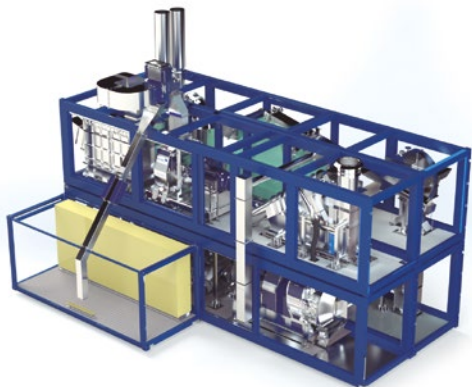


### From round wood to pellets





  
**PelletBOX** by PRODESA



PRODUCTION PLANTS UP TO **35.000 ton/year**

Plug & play: our containerized pellet plant up to 5 ton/h.

**PelletBox** by **PRODESA** combines the reliability and quality of Prodesa's pellet plants with the versatility of a containerized plant.



PRODUCTION PLANTS OF **100.000 ton/year**



PRODUCTION PLANTS OF **460.000 ton/year**



PRODUCTION PLANTS OF **160.000 ton/year**



PRODUCTION PLANTS OF **525.000 ton/year**

## BELT DRYER

- Low electrical and thermal consumption
- Low emissions
- Possibility of using low-temperature waste energy
- Very high pellet quality
- Minimal fire risk
- Modular design - easily expandable

Technology based on SWISS COMBI belt dryer



## DRUM DRYER

- Direct drying
- High efficiency
- Low power consumption
- Automated operation and control

PRODESA  
GROUP



### BIOMASS COGENERATION

Power production associated to the use of thermal energy in low temperature drying systems. Integration on pellet production plants with a power production range from 600 kW to over 5.000 kW. Customized solutions according to every project demands.

## PROGRANUL

Advanced Pelleting by PRODESA

**PROGRANUL** Equipment is **PRODESA Group** manufacturing division for capital equipment. Decades of knowledge and experience in the pellet production industry have result in the design of high performance units to meet the demands of the customers.



PM 8.1 | 8.2 | 8.25



DHM 5 | 10 | 15



WHM 10 | 15 | 20

for pellet production



for raw material milling production







## O&M

Our high skilled operation and maintenance technicians provide services on site with the following benefits:

- Quick capacity ramp up of the plant.
- Highest equipment availability.
- Optimal pellet quality.
- Operational cost savings due to an efficient wear and spare parts management.



## PRÜDESA | SMART OPERATIONS

### AFTER SALES SERVICE

#### Spare and wear parts

- Spare parts
- Wear parts
- Other consumables

#### Technical support

- Maintenance
- Technical assistance
- Mechanical works

#### Upgrade and revamping

- Due diligence
- Revamping
- Upgrading

#### Staff training

- Training sessions
- Technical sessions



## SERVICE WORKSHOPS

**PRODESA Group** owns and operates an extensive network of Service Workshops to make sure that our clients have a quick and reliable local service point that includes the supply of parts, with special focus on dies and rollers refurbishment.

**PRODESA Group** also offers the possibility of setting up service workshops at customer's facilities, together with consignment agreements for wear parts in order to reduce the risk of plant shutdowns.



**PRODESA Group** provides complete turnkey solutions for a wide range of pellet production capacities.

We cover all technological stages in the development of industrial plants such as design, manufacturing and supply of complete wood pellet plants or any of its processing lines.

**PRODESA Group** has its own manufacturing division for capital equipment under the brand **PROGRANUL**, and operates an extensive network of workshops to supply after sales services.

We operate worldwide; projects in the US, Canada, Vietnam, all over Europe, America and Asia. With 25 years of experience, and many projects developed all around the world, we are a leading company in the biomass production industry.

**PRÜDESA**  
GROUP



+135 employees

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