

- **Screening systems:**
 - Product cleaning
 - Particle size selection

- **Conveying systems:**
 - Chain conveyors
 - Redler type conveyors
 - Vibrant conveyors
 - Belt conveyors
 - Screw conveyors

- **Dosing systems:**
 - Feeding table
 - Vibrant table
 - Walking floor

- **Metal detectors**

- **Dedusting systems**

More than 10.000 wood processing references in the world.



**WOOD PROCESSING
COMPREHENSIVE TAILOR
MADE SOLUTIONS**

Prodesa integrates **BRUKS** equipment in its installations



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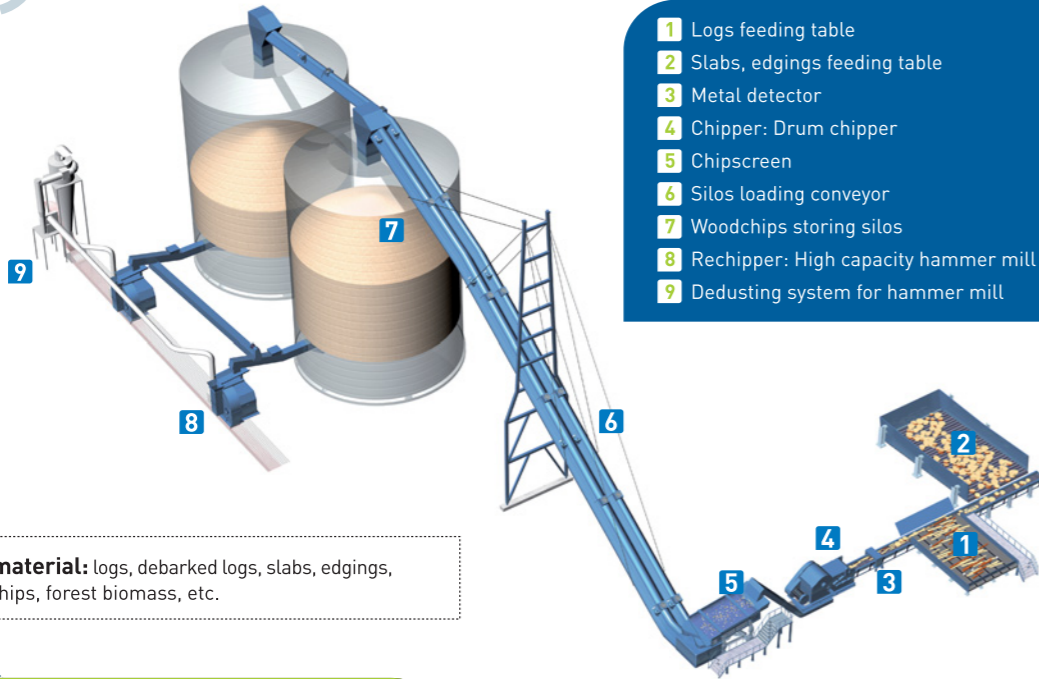
www.prodesa.net

+34 976 459 477 • prodesa@prodesa.net

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Wood processing



- 1 Logs feeding table
- 2 Slabs, edgings feeding table
- 3 Metal detector
- 4 Chipper: Drum chipper
- 5 Chipscreen
- 6 Silos loading conveyor
- 7 Woodchips storing silos
- 8 Rechipper: High capacity hammer mill
- 9 Dedusting system for hammer mill

Raw material: logs, debarked logs, slabs, edgings, woodchips, forest biomass, etc.

Applications:

- Woodchips production for thermal plants
- Forest biomass processing for pellets production
- Wood chipping for further processes
- Microchips or pinchips production with a defined particle size
- Pellets production from logs, woodchips or microchips
- Wood cogeneration plants

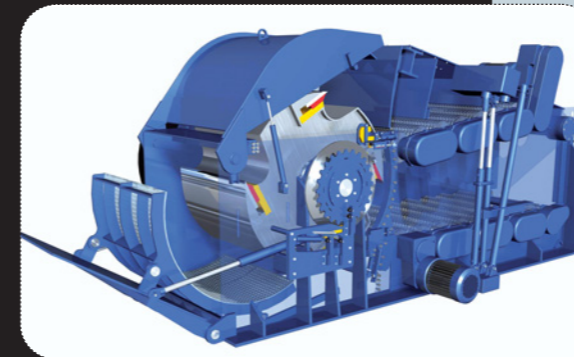


Debarker

- Debarks crooked or straight logs and wood of irregular form irregardless of diameter or length.
- Capacities up to 100 ton/h
- Debarks to stringent bark retention tolerances (e.g. 0,5%)
- Lowest ratio of fiber loss to debarked volume
- Very low maintenance required
- Continuous operation 24 hours/day

Chipper

- Rotor diameter up to 2.800 mm
- Wide feed openings and large drum diameters allow the production of highest quality chips.
- Power ratings up to 3.500 kW
- Infeed openings up to 1200 x 1400 mm
- Capacities up to 1.500 m³ chips/h
- Continuous operation 24hours/day



Rechipper

- Operation with left-hand rotation and right-hand rotation, this results in using all working edges of hammers, screens and milling segments without turning these.
- Power ratings up to 560 kW
- Easy access to all tools and wear parts as both sides of the machine can be opened and closed hydraulically.
- Long lifetime of tools because of using high wear resistance materials and 4 usable edges
- Low maintenance requirements
- Continuous operation 24hours/day

