

GAME CHANGER: Innovative solutions for log handling

Electric portal crane

VPK LOGHANDLER

NEW

Advantages of wood yard concepts with electrically driven portal crane.

- Considerably lower operating costs compared to diesel machines
- Long lifetime due to electric drive
- Huge CO₂-saving over the lifetime
- Reduced risk of accidents
- High handling capacity, best visibility for the operator
- Funding opportunities with programs for CO₂-reduction*
- Optimal utilization of space – up to 50% more storage volume
- Extendable concepts with log carriage possible

Technical data:

- Track widths of up to 40 m / max. 50 m travel path of crane trolley
- Passage height under portal 8,000 mm
- Rail widths of up to 300 m
- Electric drive for portal and crane trolley
- Upper carriage available in different capacity classes: 835E / 840E / 850E
- Load capacities: 7 / 9 / 12 t

*) In a particular case the user has to check and apply for the individual funding opportunities.

All figures and technical data are solely for information and non-binding. For the specific case, the figures are calculated bindingly. Subject to changes.

Wood yards

Turn-key solutions for MDF – OSB – Pellets – LVL – Plywood



LOG HANDLING SPECIALIST

Contact Sales

Holtec GmbH & Co. KG | Anlagenbau zur Holzbearbeitung
D-53940 Hellenthal | phone: +49 2482 82-0 | sales@holtec.de | www.holtec.de



Have a look at our YouTube channel.



EN Stand 05 / 2023 – 250



HOLTEC

Debarking and chipping lines for the MDF and pellet industry



High-capacity MDF line

Wood yard with rotary debarker and disc chipper for producing chips for the MDF production.

Production capacity approximately 100 t b.d. / h.



Solution for medium capacities

Wood yard with rotary debarker and drum chipper for producing chips for the MDF production. Preceding industrial sorting line for sorting out sawable logs.

Production capacity approximately 70 t b.d. / h.



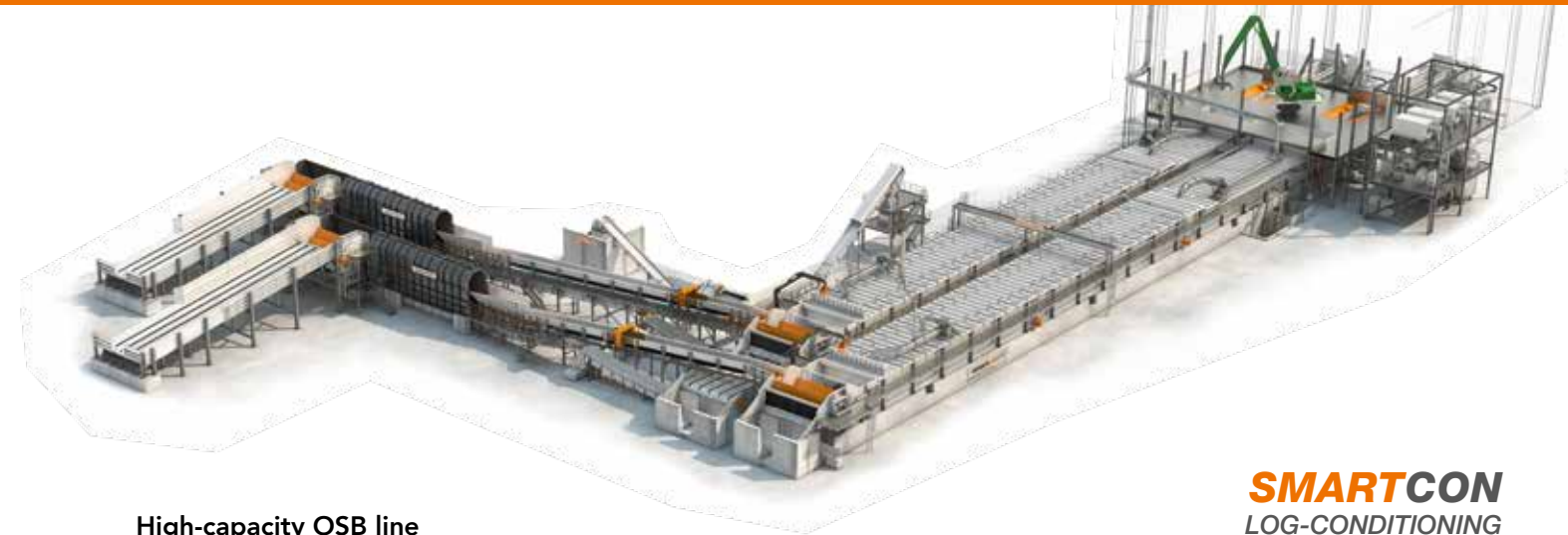
Chipper line for pellets production

Wood yard with rotary debarker and drum chipper for producing chips for the pellets production.

Production capacity approximately 30–40 t b.d. / h.



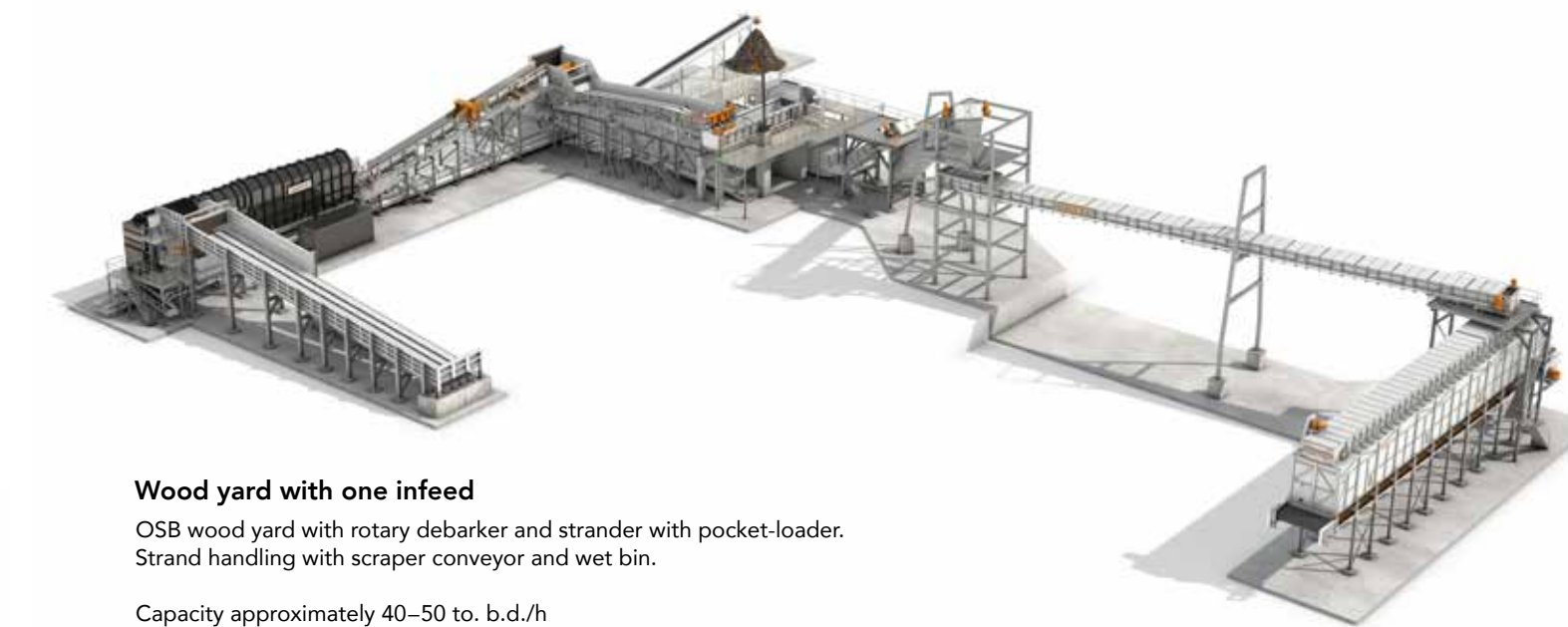
Turn-key wood yards for OSB and LVL/PLY industry



High-capacity OSB line

OSB wood yard with two infeed lines, designed for cold conditions. Debarking with rotary debarker and log de-icing with hot water spraying system. Strander feeding with stationary hydraulic crane. Capacity approx. 80 to. b.d./h. Also extendable to 3 stranders for capacities > 100 to. b.d./h.

Newly developed SMARTCON conditioning system is also ideally designed for LVL and plywood production.



Wood yard with one infeed

OSB wood yard with rotary debarker and strander with pocket-loader. Strand handling with scraper conveyor and wet bin.

Capacity approximately 40–50 to. b.d./h

More than 40 Holtec lines supplied to the European TOP players

Logs are our life - for 50 years in the sawmill industry. For the planning of log yards for the wood based panel industry we use our know-how of more than 300 designed log yard systems for the sawmill industry in all capacity classes. For over twenty years Holtec has offered systems for a solid log yard based on a high-capacity standard which is specially designed for tough industrial operations. Together with strong partners we are able to realize complete systems - able to cope with a 24/7 operation and designed for highest availabilities. Our strengths lay in the individual and complete planning, exactly tailored to our customer's needs.

From the chipper infeed to the complete OSB log yard, from the total foundation drawing to the safety concept. For more than ten years now a wide range of debarkers made by Holtec completes our product range.

The biggest players in the European wood based panel industry rely on Holtec. More than 40 supplied systems are proof of our capability. Benefit from our experience - we do not talk about quality, we provide quality.



Facts and figures to the main machines

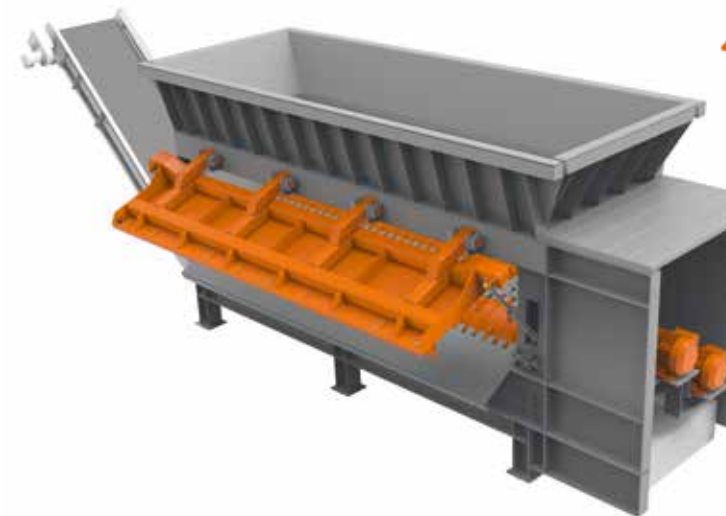
VARIOBARKER

- Debarking machine in robust and solid design.
- Electric drive with fluid coupling and robust gearbox.
- Improved debarking result by adapted tool geometry and tool arrangement at the rotor.
- Vario tilting function: Adaption of the machine's inclination based on the different surrounding conditions (required production capacity, log condition in terms of temperature, humidity, etc.). This means an active machine control as well as influence on the debarking result.
- Modular design for different production ranges.
- Different tools are possible, with active toothing.
- High degree of pre-installation – Reduces efforts at the construction site. Reduced foundation works.
- Professional hydraulic piping, cleaned, checked and pre-installed as far as possible in the factory.



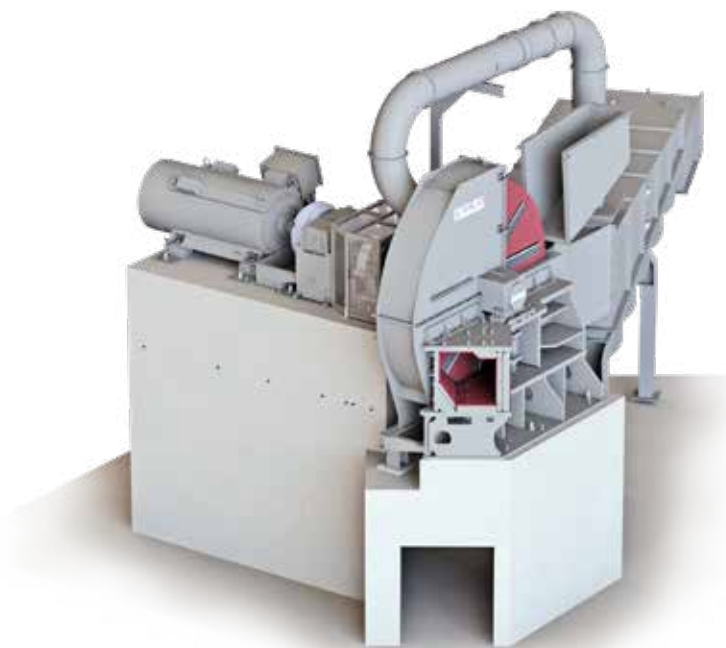
BATCHDEBARKER

- Basic debarking solution for the lower and medium capacity range.
- Discontinuous operation in batch mode.
- Debarking degree can be individually determined via retention time.
- Robust design - based on the proven design of the Variobarker.
- Modular design for log lengths from 2.0–6.5 m
- Minimal installation costs due to high degree of pre-fabrication.



TAIFUNCHIPPER

- Disc chipper in cooperation with Nyblad.
- All system parts that are in contact with material are equipped with exchangeable, high-strength wear materials.
- High smoothness by state-of-the-art manufacturing processes, no balancing of the chipper disc necessary as this is milled from solid material.
- Over-dimensioned steel bearing houses produced in-house.
- Shaft insert with precision bore for a non-destructive exchange of the chipper disc or axis.
- Relieved motor start-up by turbo coupling between motor and gear box as well as elastic coupling between gear box and shaft bearing for sparing the gear box.
- Chip discharge after intermediate bin by screw conveyors arranged in parallel.
- Experience from more than 1,000 systems.



Also available as drop-down chipper „HURRICANE“.