

# SPRINGER®

## E-CUT 200\*

The beltless trimmer  
for lumber production



\* Patent granted





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# E-CUT 200\*

## Innovation and productivity in trimming

Sophisticated technology forms the heart of every system and ensures reliable and cost-effective operation. E-CUT 200: a revolutionary new, beltless machine concept for minimizing maintenance costs.

Unique to the E-CUT 200 is that power is transmitted to the circular saws by the externally positioned center drives and serial gearboxes with swinging saw arms. The electric crank drive acts on the push rods that transmit the actuating forces to the saws. Electrical actuation allows the movement of the saws to be controlled precisely and temperature effects no longer pose a problem. The push rods are robust and prevent the actuation mechanism from being damaged by moving offcuts. An intelligently-designed collection chute allows offcuts to fall down onto a discharge conveyor belt without causing disturbance.

The advanced design of the dust-shielding case as well as the "Chip and Dust Control" function allow for optimal management of air flows induced by the blowing-off and suction of sawdust. The systematic disposal of sawdust considerably minimizes pollution to downstream equipment. The access door can be opened in a linear manner and a maintenance walkway allows the saw blade to be changed rapidly and effectively.

As the construction height of the E-CUT 200 has been reduced to a minimum, it can be easily integrated into all types of lumber processing lines.

### Advantages

#### Productive

- Improved cutting precision
- High electrical efficiency
- Temperature-independent operation
- Minimization of faults for increased availability

#### Low-maintenance

- "Beltless" means no parts exposed to wear and tear
- No damage caused by offcuts
- Optimized dust removal and disposal of wood residues
- Maintenance walkway with free access for saw blade replacement
- Ease of maintenance through externally positioned motor

#### Flexible

- Minimized construction height
- Short installation time
- Can be integrated with all existing lumber processing lines

### Technische Daten

#### Type of drive:

Externally positioned center drives

#### Power transmission for the trim saws:

Serial gearboxes with swinging saw arms

#### Actuation of the saws

Electric crank drive

#### Saw disk spacing:

300 mm / 500 mm (12" / 20")

#### Trimming Accuracy::

+/-1.25 mm (0.050")

#### Lumber dimensions:

All common lumber dimensions

#### Wood species:

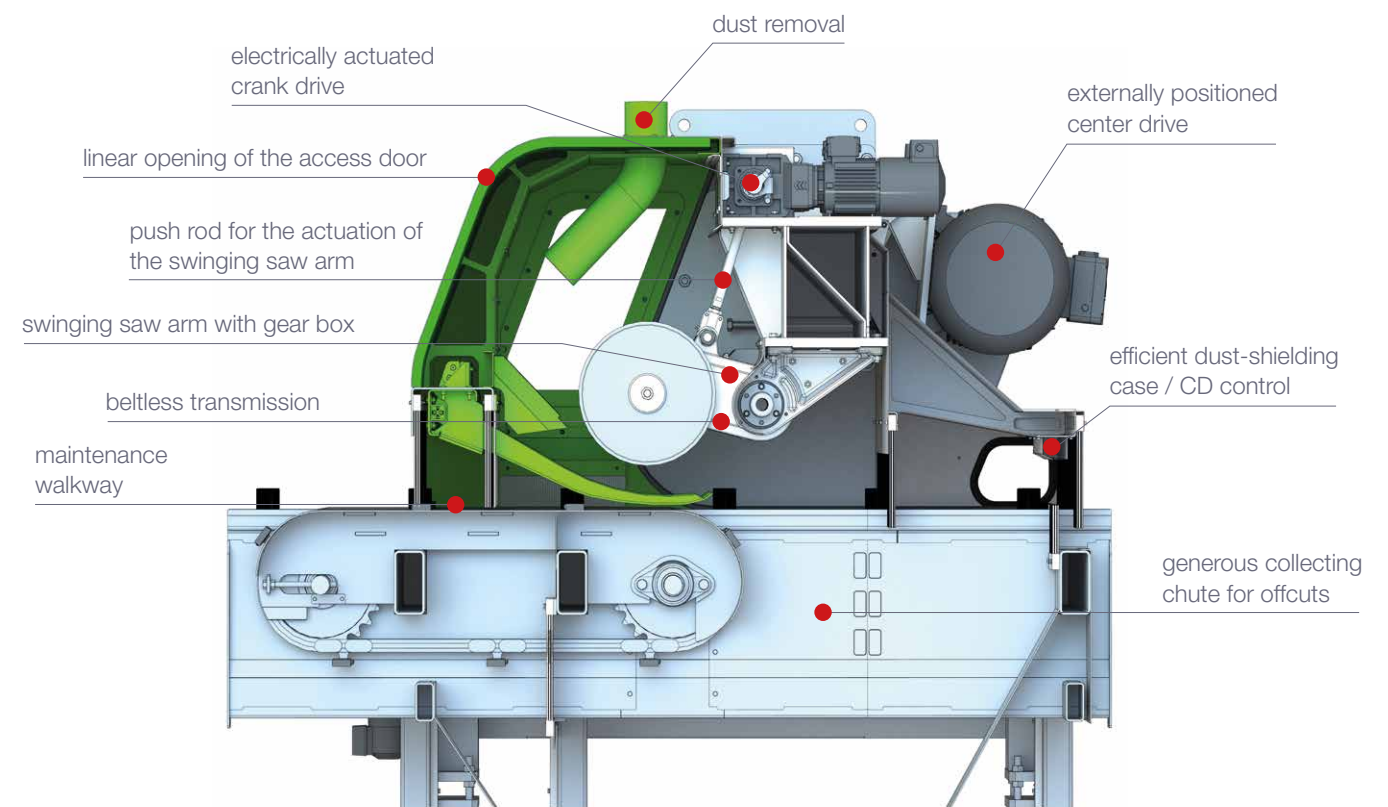
All softwoods

#### Options:

Chip and Dust control (CD-CONTROL),

Customized module lengths

Hardwood upon request



Detailed View

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