

# SPRINGER®



## V-BELT

Efficient Solution for Log Transport



\*patent granted

# V-BELT

## Efficient Log Transport



### Easy Maintenance, High Cycle Rates, Efficient Dirt Removal

The V-Belt facilitates cross transport and longitudinal log transportation. A step pusher in combination with allocation screws brings the log onto the V-Belt. The conveyor belt consists of two separate component halves, which can be raised and lowered using hydraulic cylinders. This facilitates accessibility and allows for easy maintenance.

The drive technology is located within the allocation station and is thus protected from contamination during operation. A geared motor drives two allocation screws via a toothed belt, ensuring a double-sided movement of the log during the allocation cycle. In the downward movement, the path is shortened due to the downward inclined allocation rollers. The log is not lifted (as is common with conventional allocation systems) but is moved precisely in the direction it should go, thus aligned straight. In the longitudinal movement, the rotation of the allocation screws ensures a smooth transition onto the conveyor belts. This significantly extends the maintenance interval of the conveyor belt, thereby greatly increasing its lifespan.

### ADVANTAGES:

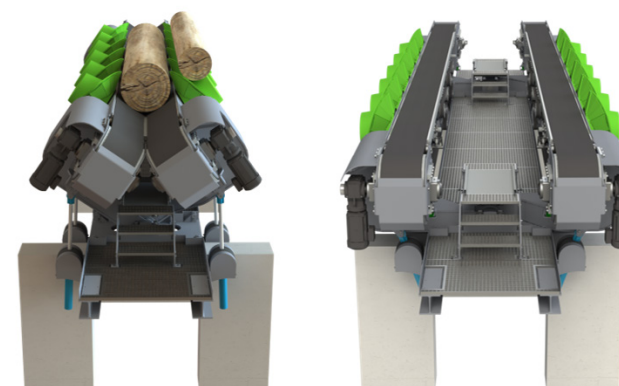
- Fixed walkway for maintenance
- Quick centering of the inserted log
- No oil lubrication points
- Quieter log transport through the conveyor belt
- Improved allocation movement, logs are also accelerated in the longitudinal direction
- Increased performance or cycle rates
- Good dirt removal with open design
- Controlled dirt removal in the drive station area
- Gentle log transfer to the system

### MAINTENANCE:

- Integrated fixed walkway
- Increased passage width by lowering both units
- All maintenance tasks can be performed from the walkway

#### Performable Maintenance Tasks:

- Replace and tension the endless conveyor belt
- Replace and tension the toothed belt
- Replace or readjust the lateral guides
- Maintain drives
- Maintain bearings (allocators and conveyor belt)



# CONTACT US!

[www.springer.eu](http://www.springer.eu)

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