

**COMPACT MACHINING CENTRE
EV 10-D, EV 10-Z, VM 10-4**

COMPACT MACHINING CENTRE



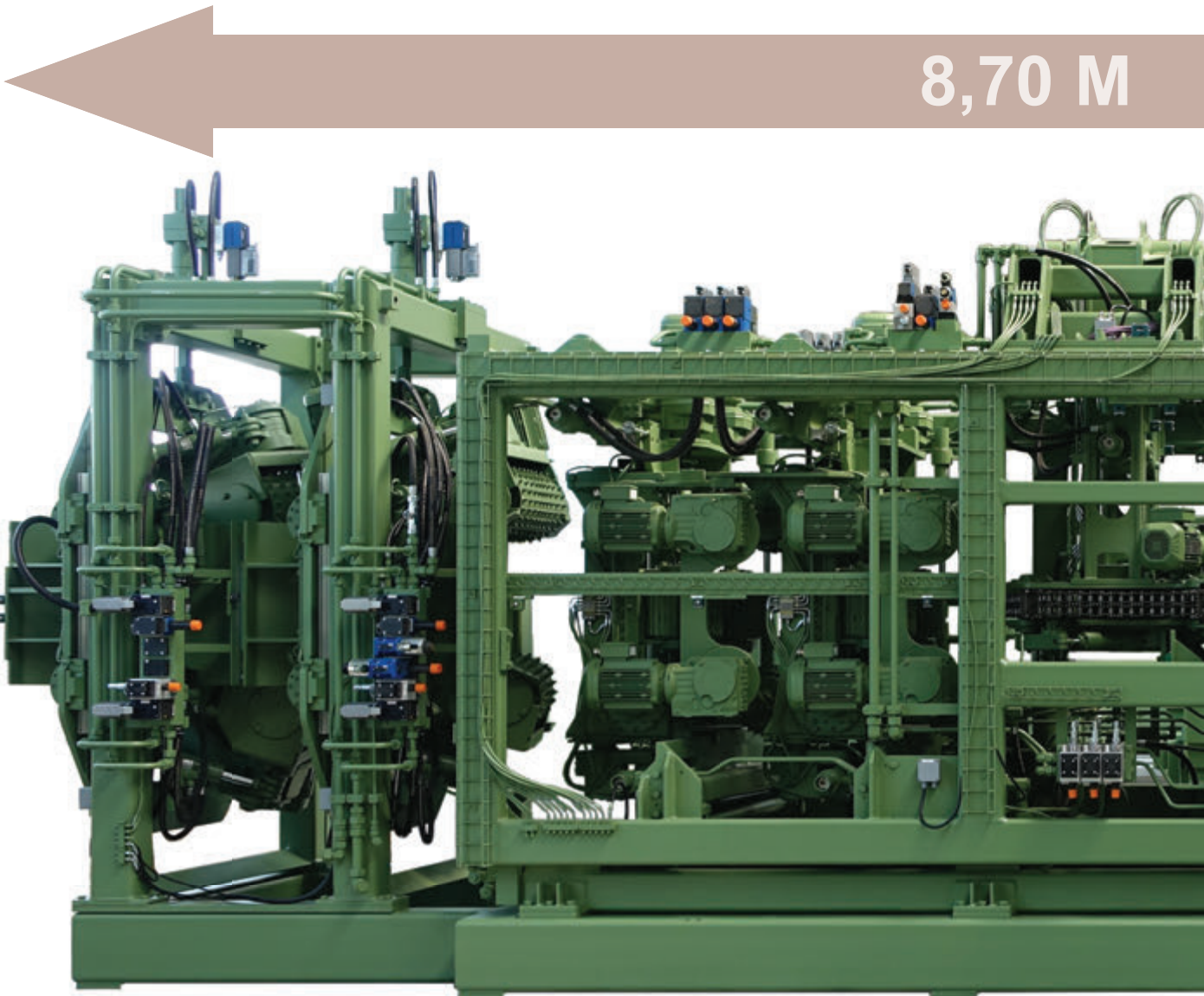
The new compact machining centre converts logs in one working process into four-sided cants.

Two cutterhead units are in use for this purpose. The heads of the first unit are arranged one above the other and generate the horizontal faces. The heads of the second unit are rotated by 90 degrees relative

to the first one and generate the vertical faces.

The infeed system rotates the logs according to the cutting pattern while considering the real shape of the log.

Log transport allows straight sawing with centered or diagonal alignment as well as curve sawing.



8,70 M

EV 10-D

EV 10-Z

EV 10-D

Turning device for automatic log rotation

Two pairs of rollers lift the log off the feeding system and turn it into the position calculated by the control.

After rotation, the bow of the log is sideways.

EV 10-Z

Centering unit for log alignment

Three centering units each consisting of a horizontal and a vertical pair of rollers position the log either split centered, diagonally aligned or following a calculated curve.

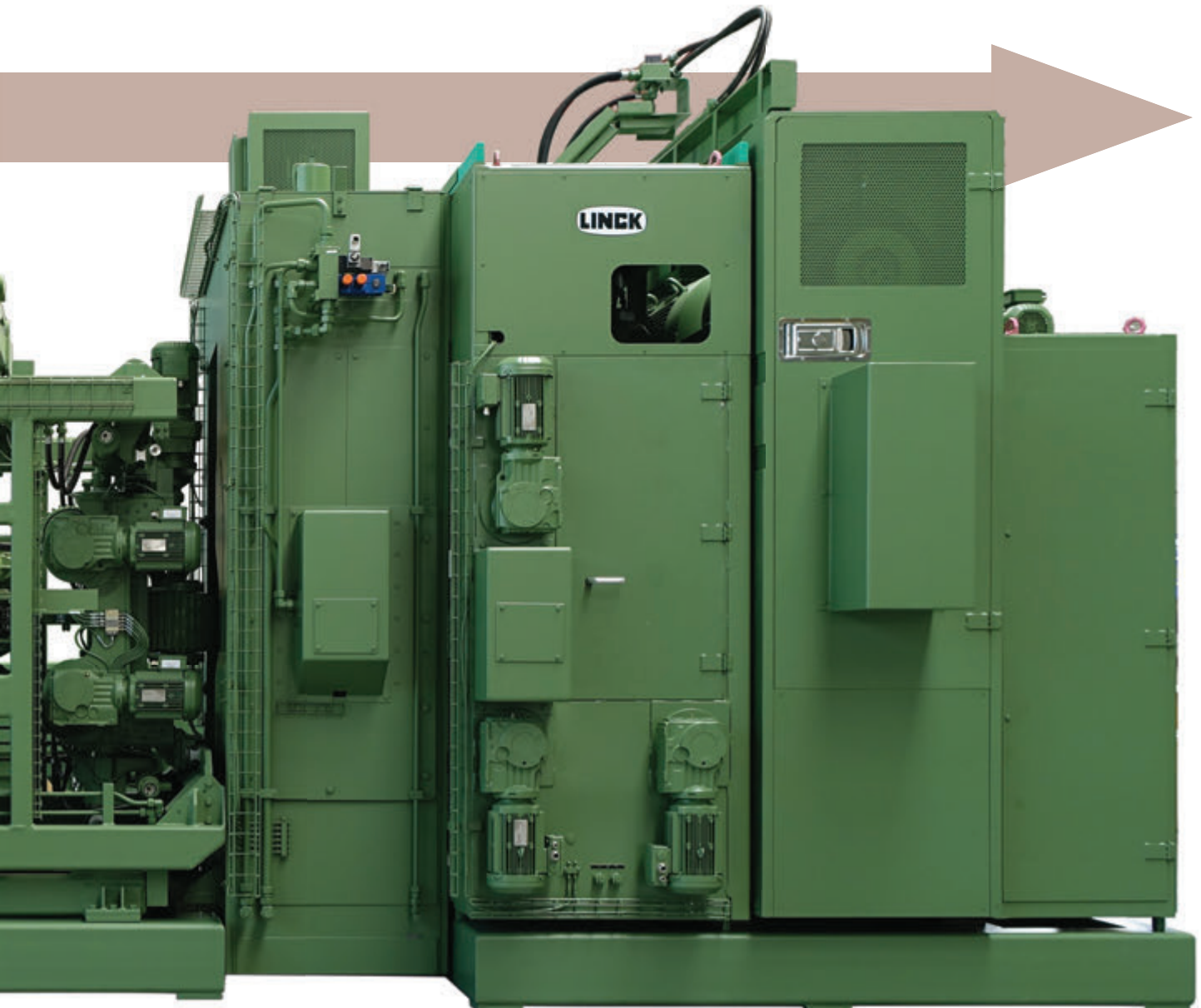
The following anti-twist device prevents the log from moving around the longitudinal axis.

VM 10-4

Chipper canter for production of four-sided cants

The chipper canter consists of two consecutive cutterhead units. The bottom cutterhead of the first unit is stationary and used as contact surface for the following processing steps.

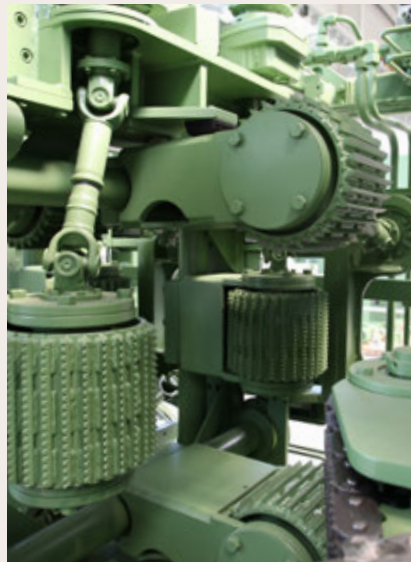
The second cutterhead unit produces the two lateral faces.



VM 10-4



Two pairs of spiked rollers for high-precision, fully automatic log rotation.



Servo-hydraulically controlled rollers on all four sides align the logs in pending position.



Anti-twist device to hold the logs safely in their position during processing.

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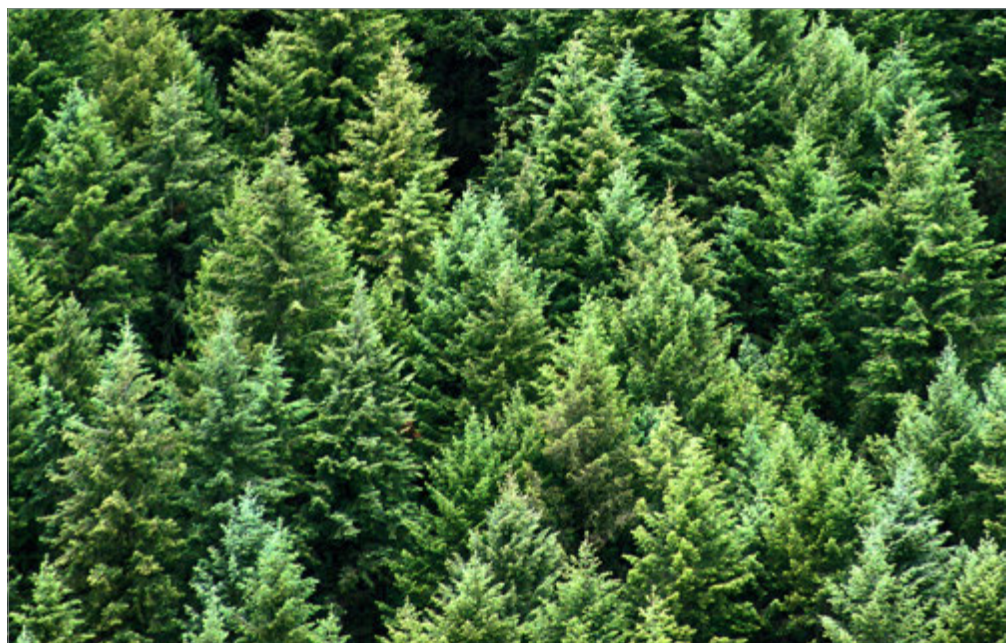
Technical Data		
Small end diameter	mm	80 - 250
Log length	m	2,5 - 6,0
Feed speed	m/min	50 - 150
Processing of		sorted logs unsorted logs
Log alignment		small end first large end first
Sawing		split taper centering diagonal alignment following the curve



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