

Wire-Cord Assembly Machine DSV

Highly flexible lamella-assembly system for core- or base layer mats



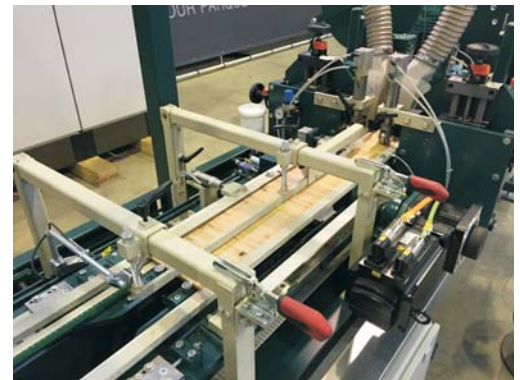
Automatic infeed of the slats out of mixing silo or stacking canisters or directly from slat production line.

For calibrated or rough sawn slats, with Servo-drive units for feed and spacing (gaps).

Cutting of 2 - 4 grooves, automatic inserting and pressing of the wires (Aluminium) or plastic fibres (PA).

Synchronous spacing of the mats to final length with fully variable spacing (adjustable gaps), finally wire cutting (drilling) or cross-cutting of the mats to final length with cross-cut saw.

Mat lengths fully variable by adjustable no. of slats per stroke (cycle), no of strokes (cycles) and spacing (gaps).



Groove cutting



Wire inserting and spacing with gaps



Wire cutting

Mat-/ carpet-width (slat length) with motorized PLC-controlled setting, easy to adjust.

On request with additional (wide) end-slats (hard- or plywood) autom. inserted from hopper.

Optional: automatic stacking units, e.g. on EURO-palette.



Cross-cutting of end slats

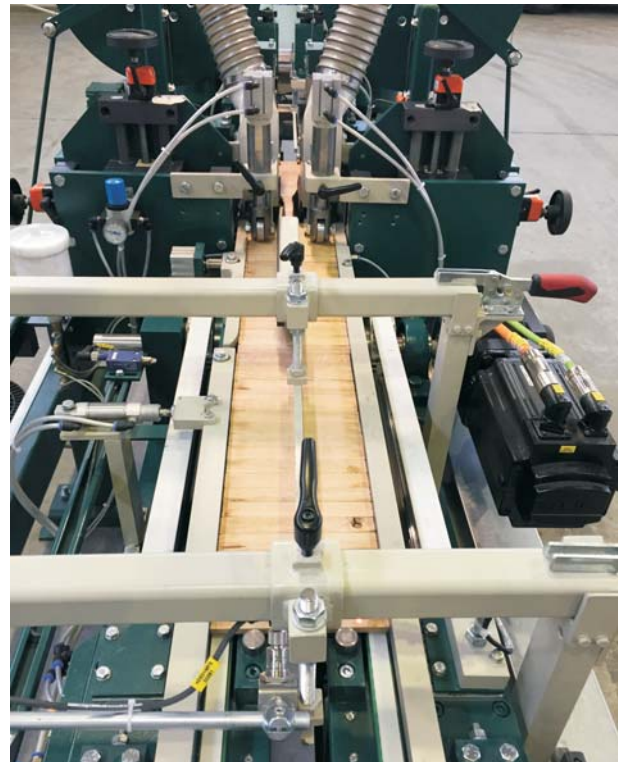


Ready to use carpets / mats

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Stroke (main pusher) available from 500 up to 1.500 mm, depending on main carpet lengths.



Capacity:

Slat lengths (carpet width) 120 - 500 mm
(on request up to 1.000 mm);

Carpet length: ca. 200 up to 3.000 mm
(fully adjustable by no. of slats and gaps)

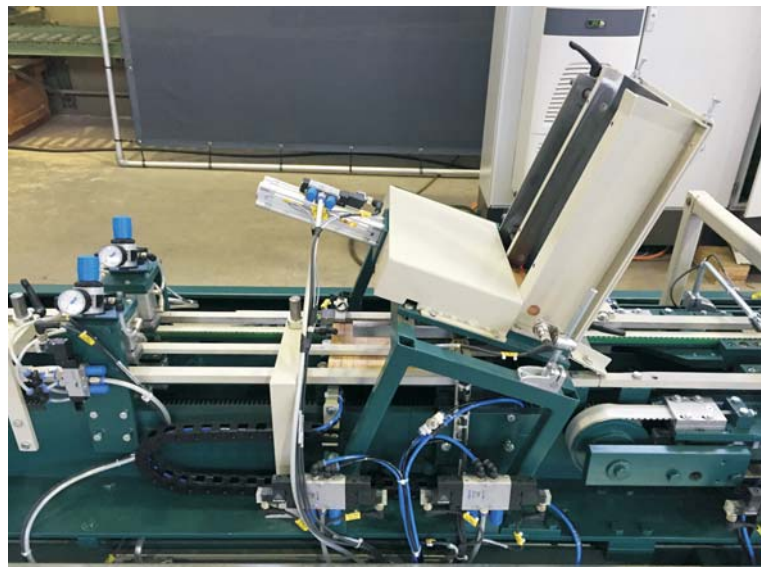
Slat width: 20 - 40 mm
(calibrated or random/rough sawn);

Slat thickness: 8 - 12 mm
(on request 5 to 20 mm);

Feed speed from 2 - 10 m/min.
(ca. 400 qm / 8 h with 160 mm width)

End slats abt. 40 or 80 - 120 mm wide
(single- or triple width for cross-cutting)

Optional: carpets without spacing / no gaps.



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