

Block Charger R7-Hybrid

OPTIMAL CENTERING WITH AUTOCALIBRATION FOR CONSTANT ACCURACY



Block charger R7-Hybrid - optimal centering for maximum yield

Block Charger R7-Hybrid is designed to work perfectly together with Veneer Lathe R7-Hybrid. The charger's fully electric operation minimizes energy consumption.

With its maximal scanning accuracy, Block Centering Analyzer R7 centers blocks optimally for lathe spindles. The analyzer's advanced algorithms improve full sheet recovery up to 15%.

The patented autocalibration maintains constant centering accuracy in continuous production. Regardless of wearing parts between service breaks, autocalibration enables the same accuracy between different size blocks. This is done with two lasers measuring each block in the lathe spindles and comparing the results to charger's measurements.



Technical specifications

Block Diameter (mm)	140 - 600
Block Centering	Block Centering Analyzer R7
Block Cycle time up to (pcs)	10
Block length nom. (ft)	3 - 8

Block chargers

Block chargers - optimal centering improves veneer recovery

Block charger is the start of your veneer, plywood or LVL manufacturing process and determines its effectiveness. If block centering is not optimized, you will permanently lose the opportunity to maximize the yield and full sheet recovery from your raw material.

Accurate laser scanning together with optimal block centering algorithms ensure recovery and maximize the amount of high-quality face veneer. Proper centering adapts to any block: different shapes and sizes, curved blocks and varied diameters.

Raute laser centering solutions in our R5 and R7-Series peeling utilize automated centering. Its patented autocalibration maintains centering accuracy improving yield in continuous operation.

Round-up lathe is an efficient method for centering straight, small diameter blocks. Raute R3-Series peeling line utilizes a manual round-up lathe before veneer peeling to peel off bark and round the blocks.

Raute centering solutions are available for new or existing Raute peeling lines as modernizations and also for other manufacturers' peeling lines.



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Making Wood Matter