

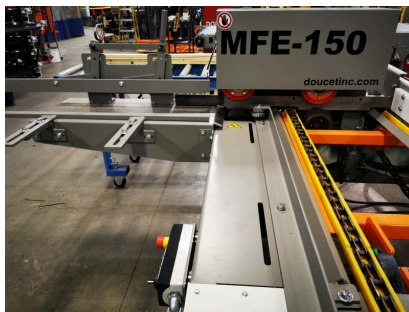
DOUCET

MFE-150 - LATERAL CHAIN FEEDER FOR MOULDERS

The Lateral Chain Feeder Model MFE-150 is designed for continuous feed up to 150 feet per minute of fixed or random length pieces into a moulder.



MFE-150 LATERAL CHAIN FEEDER VIEW 1



MFE-150 LATERAL CHAIN FEEDER VIEW 2



MFE-150 LATERAL CHAIN FEEDER - WHEELS



CHARACTERISTICS

OPERATION PRINCIPLE

On the feed table, boards are automatically placed along the feed line by perpendicular strands of chains. A pneumatic system lowers chain carriage between each feed cycle, thus preventing unnecessary friction between the piece being fed and the reserve material. Boards are automatically driven in sequence by a combination of two powered wheels located under the material and two top pressurized wheels

STANDARD FEATURES

- 36 inch feed table length ;
- Moulding length capacity 3' to 8', 12' or 16', according to model selection ;
- Two bottom feed wheels made of steel, powered by electric motor with variable speed ;
- Torque control module on feed wheels VFD to maintain constant pressure without slipping ;
- Two top pressurized wheels, non-motorized ;
- Feed chains powered by electric motor with variable speed ;
- Interface relay to stop feeding cycle when moulder feed is stopped ;
- Adjustable reference lateral fence, 1/2" movement into slot, need tools to make setup.

OPTIONS

- Feeding wheels with hardened surfaces ;
- Bridge or guiding tunnel between feeder and moulder, up to 4' long ;
- Additional chain transfer length capacity (to a maximum of six additional feet) ;
- Platen chains recommended for softwood species ;
- One additional chain for shorter material down to 18" minimum length ;
- Adjustable Fence of 1/2" movement on reference line, accessible from the operator position.

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