

DOUCET

ATR-400 HIGH CAPACITY LATERAL CHAIN FEEDER

Lateral Chain Feeder Model ATR-400 is designed for continuous feed up to 400 feet per minute of fixed or random length pieces into a moulder.



ATR-400



ATR-400

CHARACTERISTICS & OPERATION

OPERATION PRINCIPLE

- On the feed table, boards are automatically placed along the feed line by perpendicular strands of chains;
- Boards are automatically driven in sequence by a combination of two powered wheels located under the material and two powered pressurized wheels over the material.

DESCRIPTION OF EQUIPMENT

- Lateral Chain Feeder ATR-400 including:
 - Accumulation section of chains C2060 type rails by 3' long;
 - Feeding section of chains C2060 type rails by 2' long;
 - Both feed chains powered by electric motors with variable speed;
 - Two bottom feed wheels made of steel, powered by electric servo motor with variable speed;
 - Two top pressurized steel wheels, powered by electric servo motor with variable speed;
 - Interface relay to stop feeding cycle when moulder feed is stopped;
 - Adjustable fence ½" movement on reference line, accessible from the operator position;
 - Powered tunnel approximately 4' long made with steel rollers 6" diameter every 12" distance driven roller to roller by timing belts, including pressure top idler wheels.

OPTIONS & SPECIFICATIONS

- Feeding wheels made of steel with hardened surfaces teeth;
- Platen chains recommended for softwood species;
- One additional chain for shorter material down to 18" minimum length.

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