

DOUCET

EZYPAC 100 ERGONOMIC NESTING SYSTEM

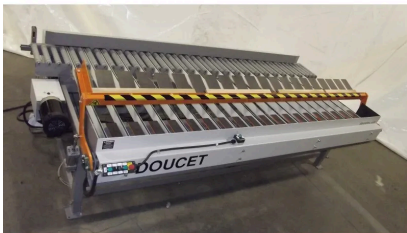
EZYPAC 100 Ergonomic Nesting System: speeding-up packaging by minimizing unproductive motions.



EZYPAC 100 - ERGONOMIC NESTING SYSTEM VIEW 2



EZYPAC 100 ERGONOMIC NESTING SYSTEM VIEW 3



EZYPAC 100 ERGONOMIC NESTING SYSTEM VIEW 4



CHARACTERISTICS & OPERATION

EZYPAC 100 Ergonomic Nesting System: speeding-up packaging by minimizing unproductive motions.

OPERATION PRINCIPLE

- Upon exiting the End-Matcher, flooring is kept good face up in exit sequence;
- "Select Grade" flooring is allowed to pass through without intervention;
- Lower volume grades and "re-work" are retrieved by the grader(s);
- Nesters retrieve flooring from a reserve belt for assembling their bundle on two pneumatically retractable trays;
- A belt transfer device evacuates completed bundles;
- A collision avoidance system regulates bundle traffic all the way to the strapping machines.

BASIC EZYPAC 100 ERGONOMIC NESTING SYSTEM INCLUDES:

- A grading conveyor for visual inspection of flooring exiting the End-Matcher;
- Three conveyor belts, one for each flooring grade;
- Four ergonomic nesting stations EZYPAC 100 with their reserve belts;
- A transit line and a staging conveyor for nested bundles;
- A PLC to regulate flooring volume distribution and nested bundle transit.

OPTIONS & SPECIFICATIONS

- Additional EZYPAC 100 modules with conveyor belts and reserves;
- In high speed system, a board sequencer is added for "Select Grade" flooring automatic pass through;
- System controlled strapping machine(s);
- Automatic stacker for "select flooring";
- Production tracking and inventory input system;
- Automated system to split grades and volume if the flooring line includes a scanner.

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