

MANYX STACKER / DESTACKER



The MANYX destacker is an equipment that allows to feed lumber without operators in many types of woodworking equipment like moulder, planers or optimizing lines for examples. The MANYX can feed and separate layers of incoming lumber bundles, with or without sticks, random width and lengths or even some profiled boards depending on the final configuration.

The MANYX can also be designed to stack material coming out from a finishing line or in palletizing operations in nested flooring applications.

The MANYX system features:

- An overhead structure use as the guiding rails of the horizontal movement of the carriage head
- Horizontal axis movement is powered by electric motor with VFD and timing belt to insure a smooth movement of the carriage head in high speed applications
- Vertical axis movement is powered by electric motor with VFD and belt to insure a smooth movement of the carriage head, including a self-locking mechanism in case a belt rupture
- Vertical axis movement is guided by linear bearing rails along the center post of the carriage head
- The lifting device can be equipped with self-centering clamps or vacuum pick-up heads or cups, as needed
- As the carriage head is moving in the vertical axis, it means the bundle height can be higher than the nominal working height
- Warning flashing light to indicate operators to prepare for bundles changes. The warning light stop flashing when bundle is complete and waiting for an operator acknowledgement
- Safety fences with controlled access zone
- Self-locking features
- Operator touchscreen display interface

DOUCET

Finally the MANYX system can be provided as a part of a full line project or as a single piece of equipment. Every MANYX is sized to the required production level of the application in board or layers per minute. A maximum rate of six (6) full layers per minute is possible.



OPTIONS

- The overhead structure can be customized to your floor space and application to pick from or release to different bundles of lumbers between consecutives cycles
- Also available for length capacity as long as 30'
- Automatic kiln stick removal sweeper between layers in destacking operations. The kiln sticks are normally directed toward a kiln stick stacker
- Integration of labelling machine or ink jet barcode printing devices during the horizontal movement of MANYX
- Automatic pallets provider or storage integrated with chain transfer or roller conveyors

*To view video of this product,
scan this QR Code
with your mobile phone*

