DOUCET

APV - PANEL FEEDER / STACKER

The APV Panel Feeder/Stacker, combined with automated lift table, makes a simple yet effective solution for feeding and positioning parts according to applications.

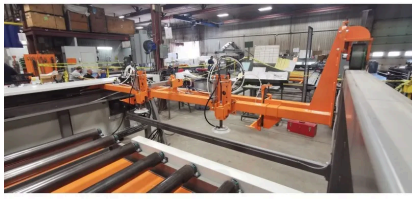




APV MOBILE ARM VIEW 1



APV PANEL STACKER



APV MOBILE ARM VIEW 3

WARRANTY 1 YEAR

CHARACTERISTICS & OPERATION

FEEDER MODE

A stack of panels raises up on a scissor lift then a moving arm with suction cups picks the top panel and moves the said panel into a feeding pinch roller mechanism to pull the said panel from the stack over a belt or roller conveyor. After releasing the panel, the moving arm retracts to pick up the next one.

STACKER MODE

At the end of a roller or belt conveyor, a moving arm with suction cups picks the panel and moves the said panel into the stacking area over the scissor lift. After releasing the panel, the moving arm retracts to pick up the next one. The panel lands over a scissor lift table that indexes down automatically when receiving panels.

FEATURES

- Scissor lift table with hydraulic power pack;
- Moving arm with suction cups;
- Vacuum generator by venturi effect using compressed air;
- Moving arm powered by electric motor with variable speed guided on a linear rail;
- Feeding from right to left OR from left to right.

OPTIONS & SPECIFICATIONS

- Feeding Mode: Pre-alignment roller conveyor with lateral pneumatic pusher;
- Stacker Mode: Pneumatic equalizing pusher set;
- Thickness selector from operator interface : material thickness, pallet or dummy sheet thickness offset with pallet or dummy sheet;
- E-won connection module for remote trouble shooting and programming changes capability using Ethernet.

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