

2 IN 1 MACHINES - VACUUM SUCTION CONVEYOR AND COLLATING MACHINE

Application

Feeding of carrier product onto the suction conveyor while an additional product is fed precisely by a second servo feeder.

Advantage

Using electric lifting columns, both the feeder and the suction conveyor can be set to almost any desired and ergonomically reasonable working height. This allows the suction conveyor to be set up inline with any desired machine positioned upstream. The easy belt replacement makes it possible to quickly replace the vacuum conveyor with a studded conveyor for precise product angle alignment. The conveyors are easily adjusted from the side and can be set to various product formats. Resetting from one belt pitch to another can also be done quickly.



Full view



Suction tracks can be regulated and opened and closed individually with special shut-off valves. The vacuum pump is equipped with a sound suppressor. Servo friction feeders are designed as independent modules so that they can be used with various systems.

Suction - stud track detail

Description of function

The JoKer servo, located on the face side, feeds the packaging products reliably onto the vacuum conveyor as it runs through. These can be magazines, cardboard boxes and a variety of printing and folding products. Gluing takes place over a hot gluing system. A second JoKer servo then feeds a further product precisely as it runs through. A rotary encoder synchronizes the speeds. The glued product can then be transferred to a processing line or stored on a outfeed conveyor.

Machine characteristics

- Sizes: min. 60 x 60 mm, max. 300 x 350 mm (depending on the feeder width)
- Effective width of the vacuum belt 500 mm
- Max. speed 150m/min depending on the product
- Cycled or continuous operation possible
- PLC control system with appropriate interfaces
- 2-3 feeder stations, expandable almost without limitation
- Hot glue systems, labelling systems, ink jet systems or similar systems can be easily integrated

Special designs

We are happy to work out for you the right concept and offer the appropriate solution for you. Please talk to our design department about the possibilities.