

Universal 2 Cylinders Machine For Troughfeed Operation Type WRM 2/S



Advantages:

- ✗ only few personnel needed
- ✗ SPS programming
- ✗ short re-set time (10 minutes)
- ✗ easy operation
- ✗ extremely long tool-life
- ✗ maintenance-free adjustable units
- ✗ **oscillation on the linear guides**
- ✗ low power consumption (exhaust air, air, electricity)

Main Features of Performance:

- ✗ surface structuring of solid wood
- ✗ smoothing of waxed solid wood
- ✗ cleaning of surfaces
- ✗ burring of foil-laminated panels as well
- ✗ sanding by means of slotted sanding tools
- ✗ high-gloss polishing

Technical Data:

- ✗ vacuum table or pressure rollers
- ✗ throughfeed speed: frequency controlled
- ✗ oscillation: 30 mm frequency controlled
- ✗ rotation of rollers: frequency controlled
- ✗ working width: 600 - 1300 mm
- ✗ working height: 850 - 920 mm
- ✗ thickness of work piece: up to 60 mm
- ✗ roller drive: 2 x 4 kW
- ✗ power feed: 0,75 kW
- ✗ 2 cylinders with tilt angle: diameter 400 mm
- ✗ pneumatic control of belt

Plant Construction

- ✗ Conveying Technology
- ✗ Assembly Plants
- ✗ Handling Technology

Special Mechanical Engineering

- ✗ Brushing
- ✗ Burring
- ✗ Surface Structuring
- ✗ Sanding
- ✗ Cleaning
- ✗ Dedusting
- ✗ Polishing

»Efficient Wood Technology«

This is our guiding principle regarding the production of high performance special machines and assembly plants, especially developed according to our customers' requirements in the furniture industry .

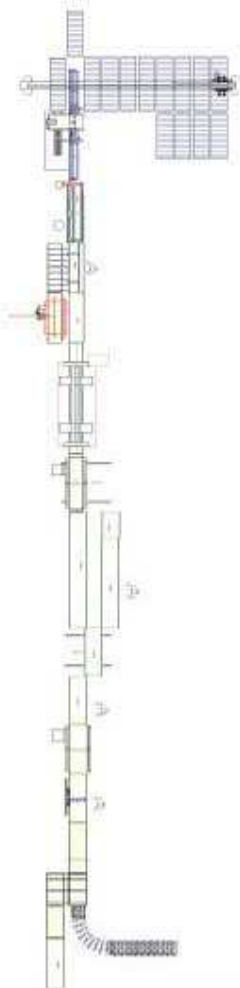
Due to new technical developments we enable you to achieve another optimising of your expenditure of handling and the maximising of the capacity of our plants.

Please learn more details about our range of performance from:
www.schroeder-foerderanlagen.de.

Assembly Plants

e.g. integrated assembly line

Example: integrated assembly line
personnel reduced by 30%
capacity increased by 35%



This plant shown as an example is an assembly line for the production of cabinets.

Pre-assembly place with 90° angle pass-over, turning device of panels, pre-assembly place, press, pivoting and movable cabinet erection unit, cross wise motion car, assembly routes and last cabinet erection unit are the individual phases of this assembly line.

The work pieces go through these phases due to optimised process planning and by means of an exactly planned sensor-assisted PC control. This is almost done without friction and windage losses.

Each assembly plant is planned by our specialists together with our customers according to their individual requirements!

Therefore the rationalism effect will be different depending on the customers' requirements, however it will be better than expected in most of the cases.

Schröder Förderanlagen – Efficient Wood Technology!

Plant technology developed by Schröder – means to you as a customer:

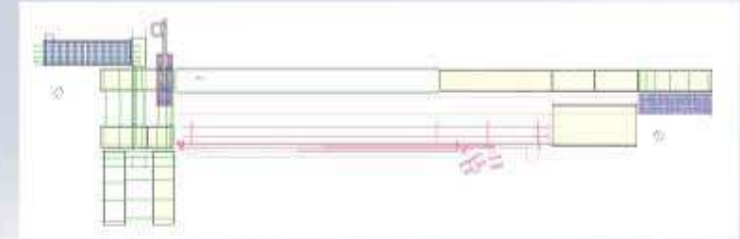
X Process integrated planning according to your requirements.

X Production plants achieving optimum rationalism

X Technical service minimising machine down-times

Conveying Technology

e.g. process integrated conveying plants



This conveying plant, also shown here as an example only, is demonstrating an intelligent conveying unit for the multiple working of work pieces on a production plant. On this plant it is possible to convey oversize work pieces as well.

Manual feed into the first machine only.
Automatic handling throughout all work units.

Optimum integration into a working network of the individual machines. Conveying and buffering phases of the conveying line may react in a flexible way to variations of the production process (horizontal buffer, surface buffer, turning units, returning of work piece to the inlet of the machine etc.)



Example: optimised conveying technology
personnel reduced by 25%
capacity increased by 40%

Possible dimensions of work pieces to be worked on this plant shown as an example:
length: 105 - 4100 mm
width: 105-1200 mm
thickness: 13-28 mm

**starting with batch size:
quantity 1**

Our process integrated planning guarantees a perfect connection between all units of the conveying line.

So the whole conveying line is seamlessly integrated into the very special production area of our company.

Due to reduction of the personnel costs and increased capacity at the same time, you will be able to achieve optimum results regarding rationalism!

That means Efficient Wood Technology by Schröder Förderanlagen!