

## Roller tables for wood gluing plant

### Technical description

This approximately 7m long feeder unit for wood profiles consists of sections with a total of 15 conveyor rollers and additional, compliant contact rollers. Each section has a group drive using an inverted tooth chain for synchronous movement of the rollers. For the middle 3 rollers in each group, chain does not wrap around the sprockets but runs tangentially over them. A backup rail prevents the chain from lifting off.

### Special features

- cost-effective group drive through tangential drive without additional pulleys
- low-wear due to better meshing
- low noise even at high speeds

### Technical data

Motor type	frequency controller motor
Motor power N	4 [kW]
Speed n	375 - 1125 [min <sup>-1</sup> ]
Impact factor k	1.5
Shaft center distance	Main drive 347 [mm]
Lubrication	automatic lube cells
Velocity v	1.66 bis 5 [ms]
Tooth chain type	HDL
Sprocket wheel	Sprockets without wrap have special tooth profile

