

HOMAG Transport Systems



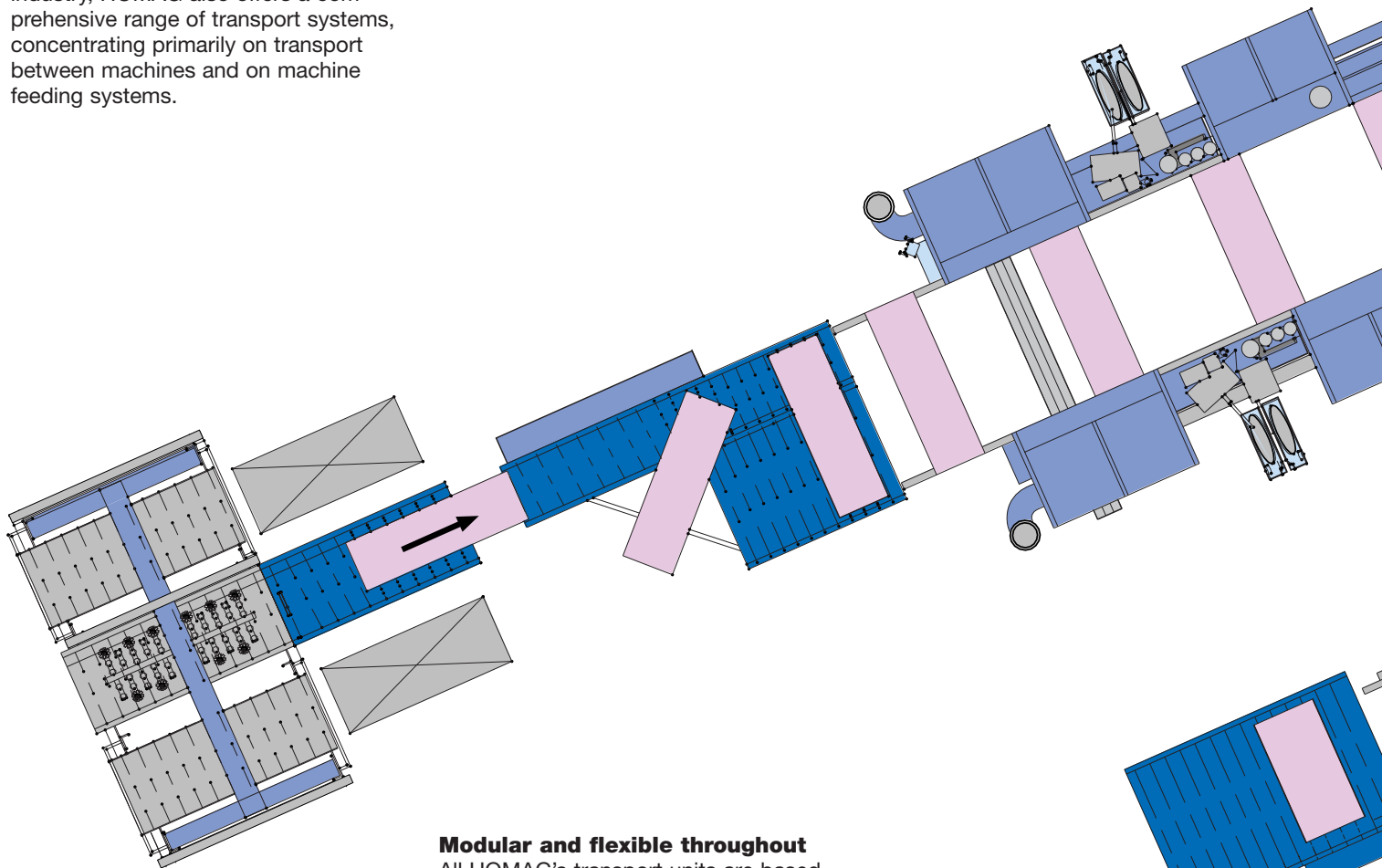
The ultimate link for your production

Optimat | profi line | power line



Secure investment – economical transport

Transport systems represent the link between the individual machines of a complete production plant. As world market leader in the field of machines for the woodworking and furniture industry, HOMAG also offers a comprehensive range of transport systems, concentrating primarily on transport between machines and on machine feeding systems.

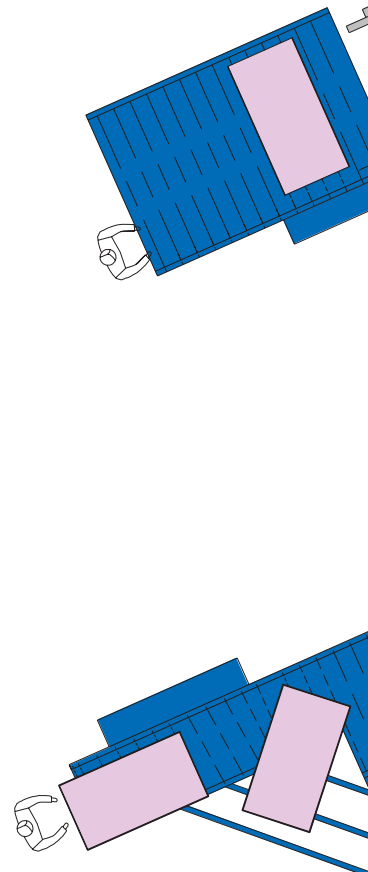


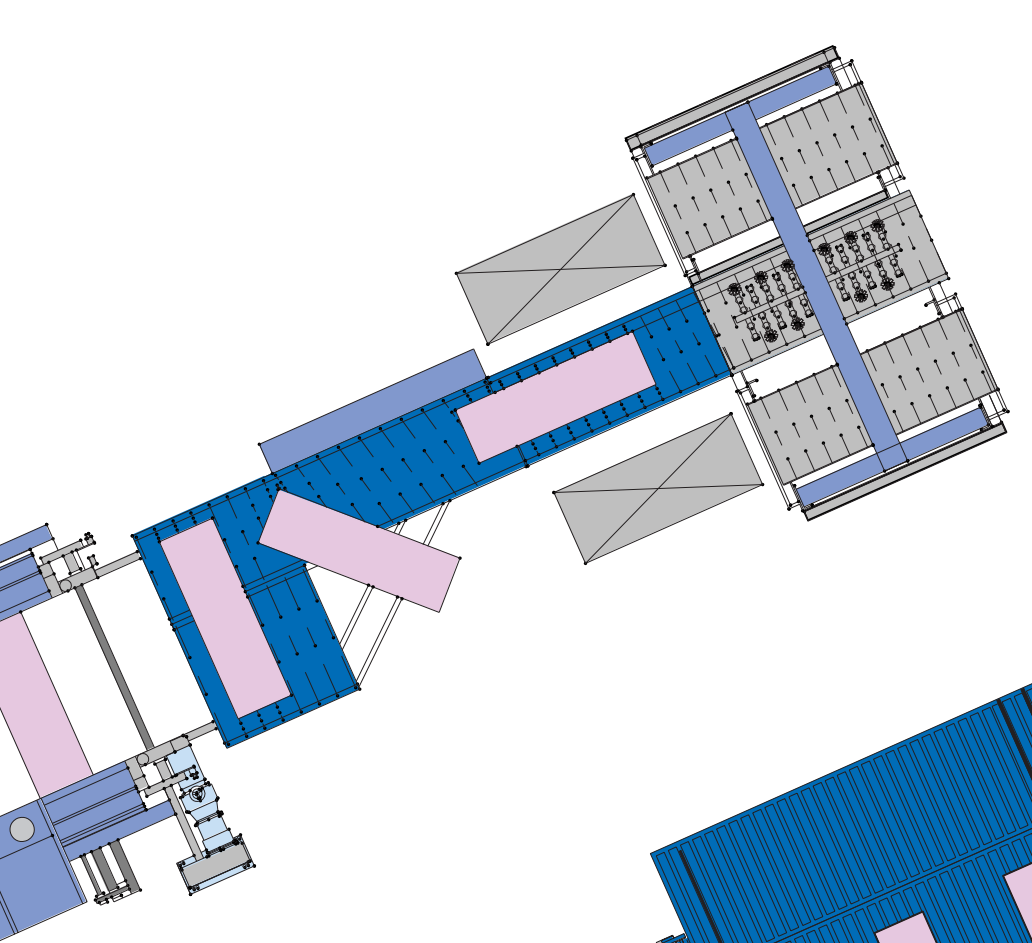
Modular and flexible throughout

All HOMAG's transport units are based on an ingenious modular principle which is implemented on a standardized basis in every HOMAG plant throughout the Group. Use of the modular design principle throughout makes HOMAG transport systems amazingly flexible in application.

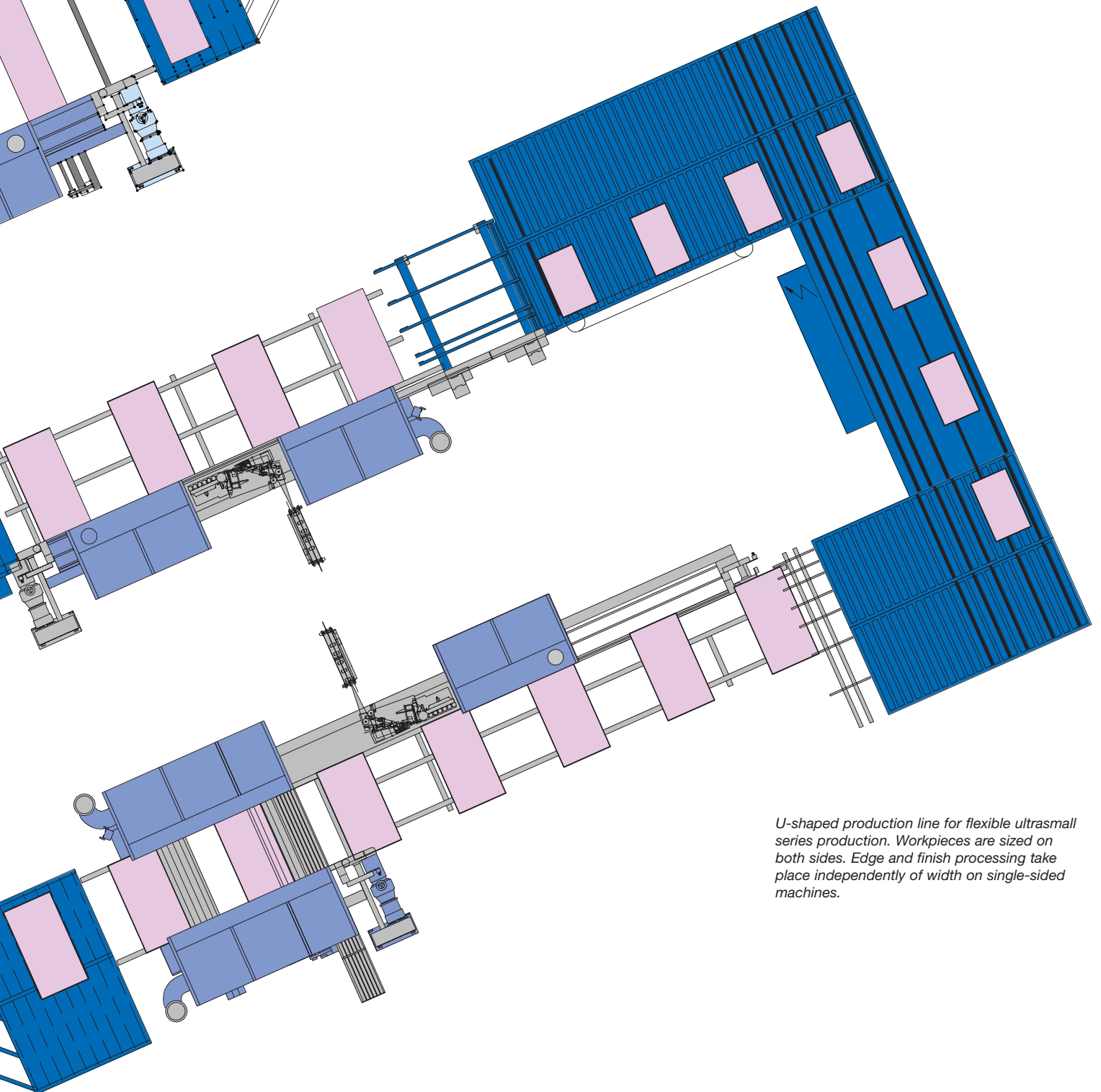
Transport systems made to measure

Another benefit: All the components are produced throughout the Group to one and the same high quality standard and tested according to precisely defined quality criteria. Depending on the structural terms of reference and the transport task required, we draw up a project plan and implement your transport system in line with your own specific needs.





Short production line for medium capacity. The workpieces are longitudinally and transversely processed in two work stages. Feeding and stacking plants as well as rotary transfers for turning from longitudinal to transverse format (and vice versa) permit an automatic production sequence.



U-shaped production line for flexible ultrasmall series production. Workpieces are sized on both sides. Edge and finish processing take place independently of width on single-sided machines.

TR and TB series: Bridging distances – feeding machines

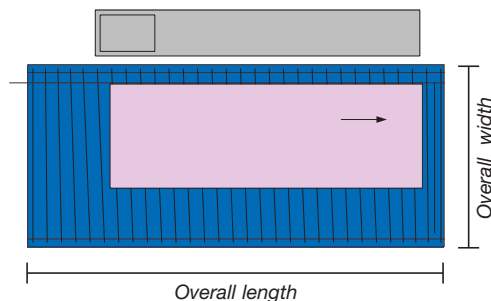


Roller table TR 10

TB series

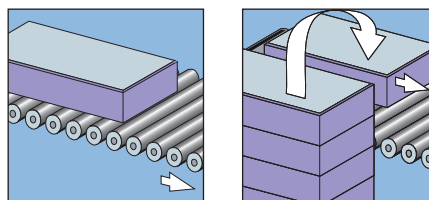
The TB series feeding tables are used for direct feeding of workpieces into machines. The transverse or cyclical fence is controlled optionally by time (gap between workpieces) or by cam activation. The most important characteristics:

- Transport distance with powered rollers
- For manual positioning and feeding in the machine infeed area
- Optimization of the gap between workpieces takes place by means of a cyclical fence



TR series

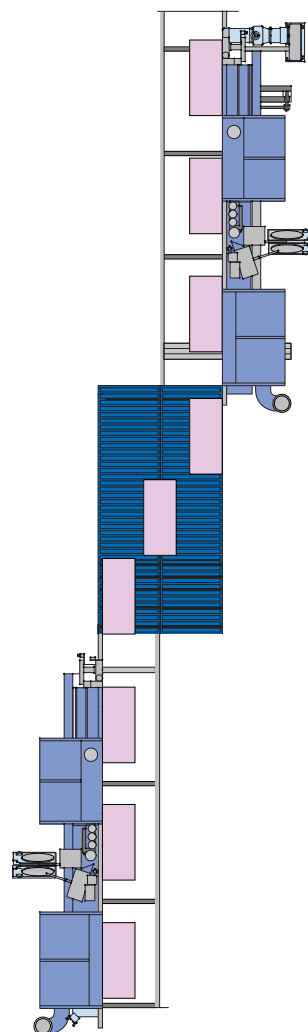
The TR series roller tables are used for the efficient bridging of distances between two processing machines. Workpieces are transported by means of powered rollers. All the available options and dimensions are identical to those of the TB series.



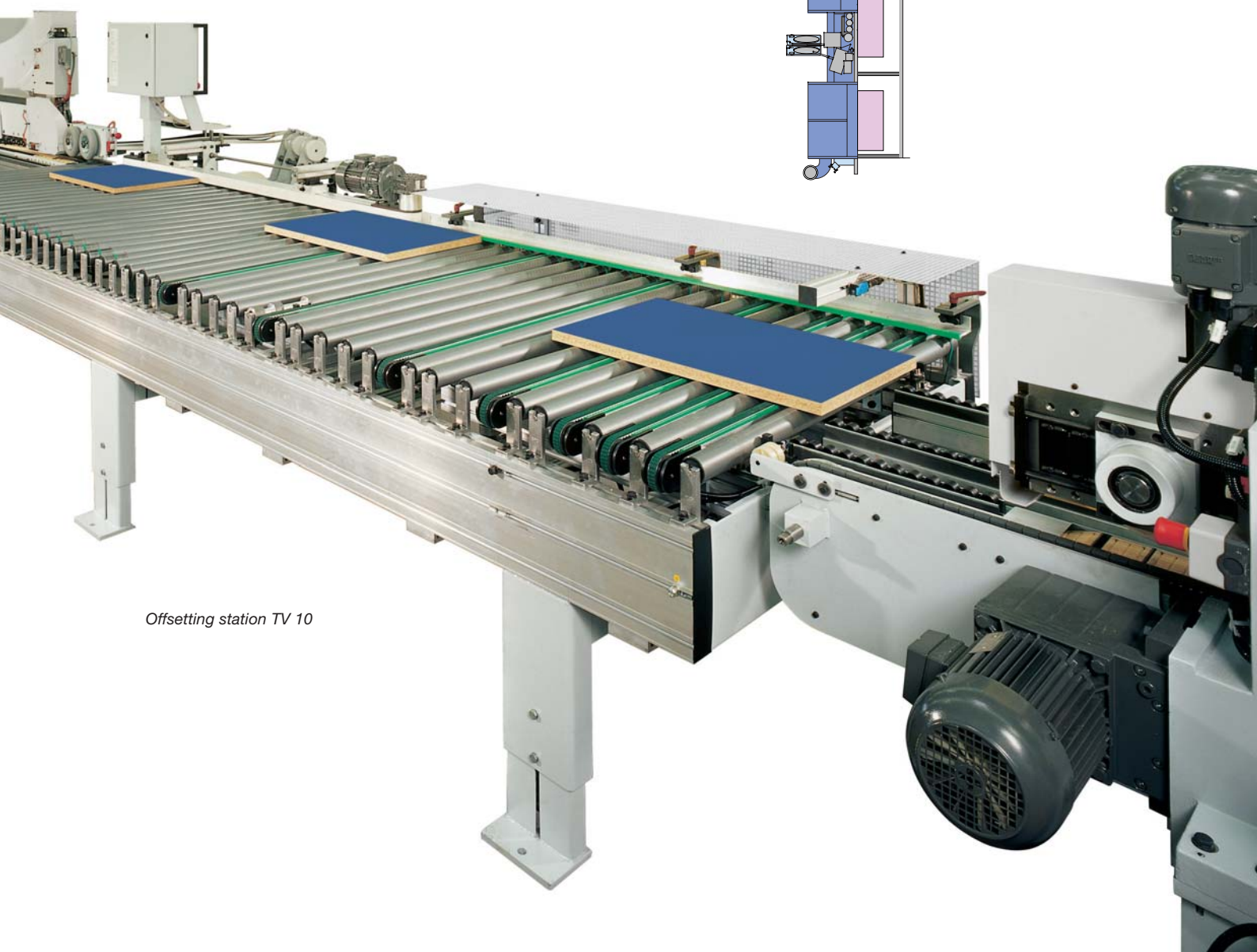
Offsetting station TV 10: Transportation and precise positioning



The offsetting station TV 10 transports furniture components of different widths quickly and flexibly – it is arranged between two single-sided machines and is used to precisely position parts of differing widths in the downstream machine.



*Single-sided
machine line with
offsetting station*

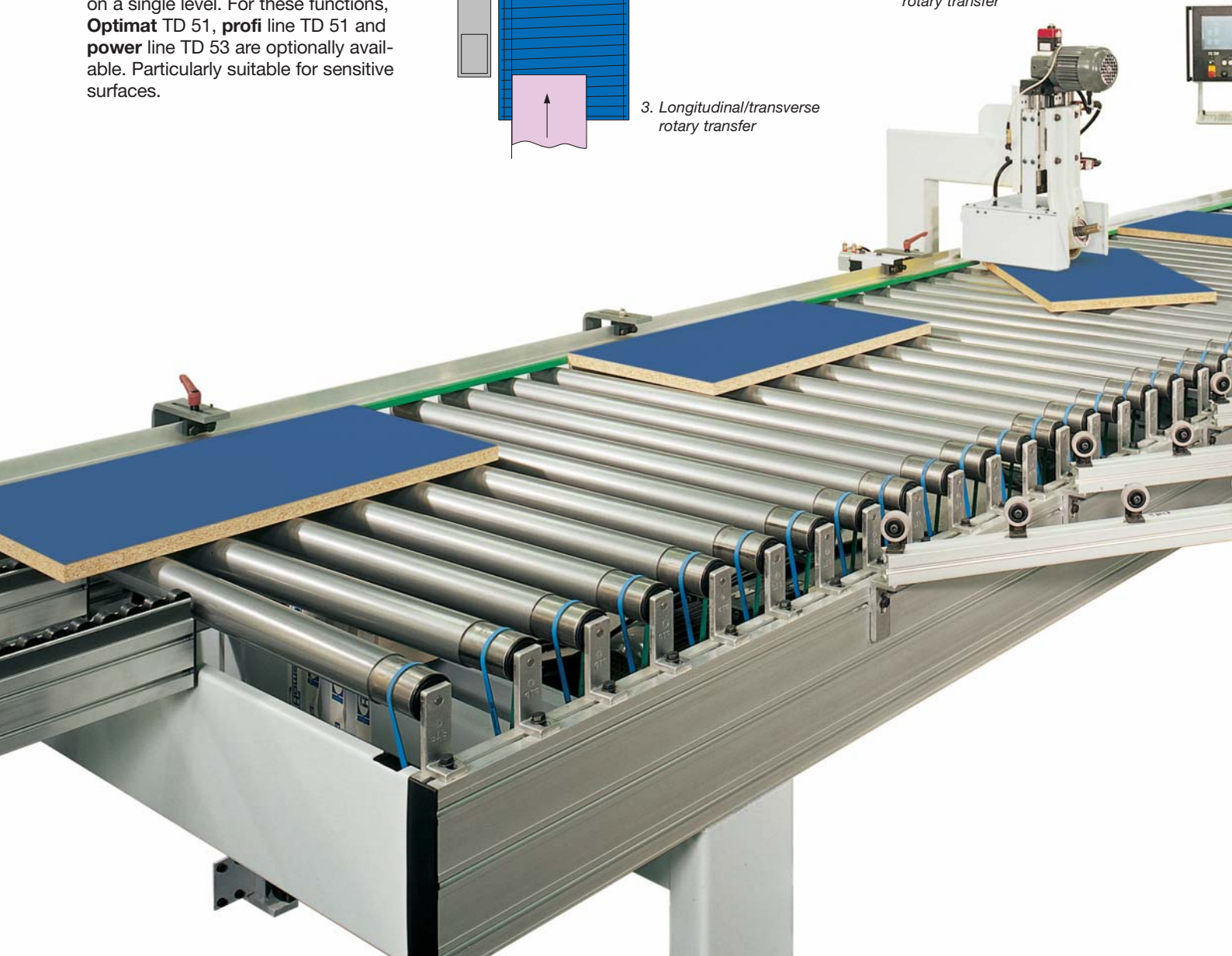
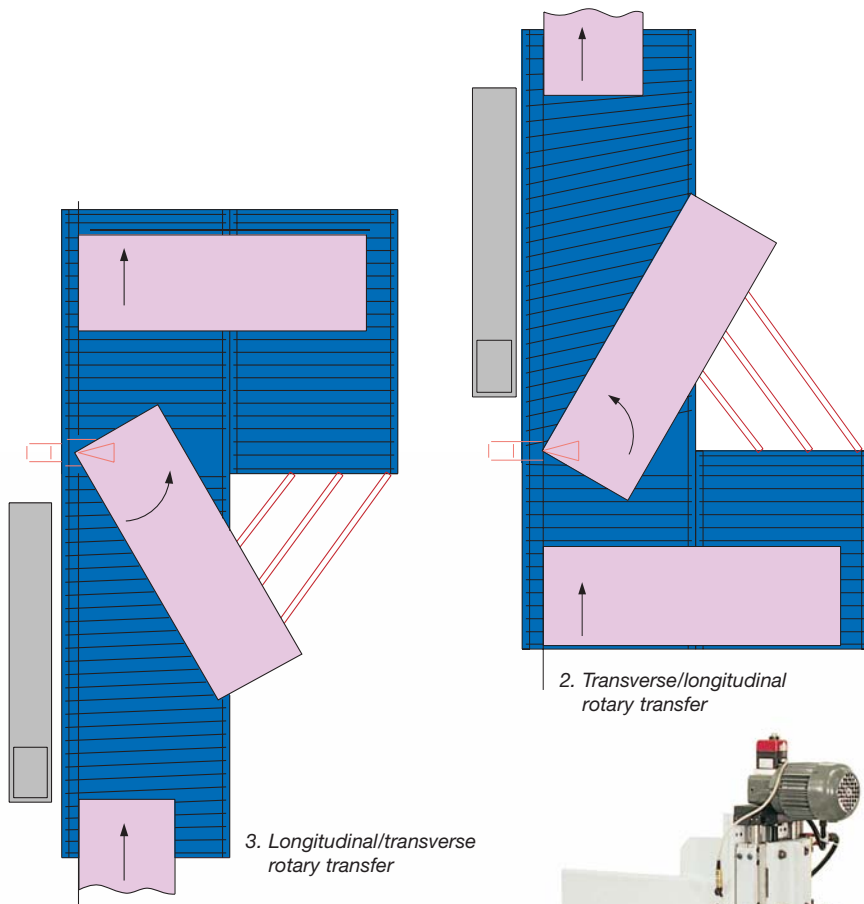


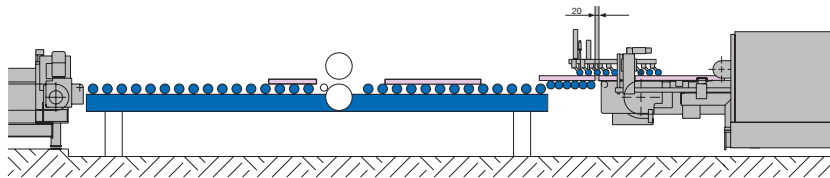
Offsetting station TV 10

Rotary transfer TD: A turn for the better

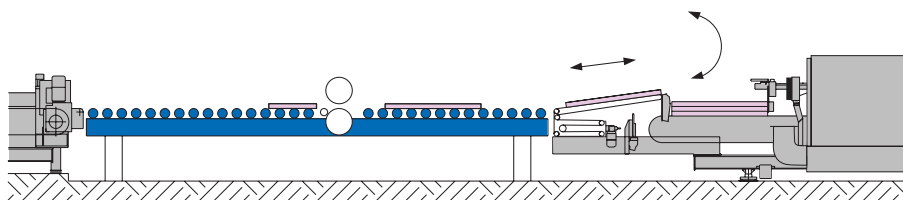
Rotary transfers are used in production lines in which the individual machines are positioned in a line, or as a feeding table in the case of stand-alone machines for longitudinal and transverse processing. These transport devices are categorized according to three main groupings:

1. Longitudinal/transverse rotation with transfer on one level – optionally with **Optimat** TD 31, **profi** line TD 31 or **power** line TD 33.
2. Longitudinal/transverse rotation with transfer on two levels. This method is suitable particularly for less sensitive surfaces. While **profi** line TD 32 features a permanently installed intermediate buffer, **power** line TD 34 is fitted with a variable buffer.
3. Rotary transverse/longitudinal transfer on a single level. For these functions, **Optimat** TD 51, **profi** line TD 51 and **power** line TD 53 are optionally available. Particularly suitable for sensitive surfaces.

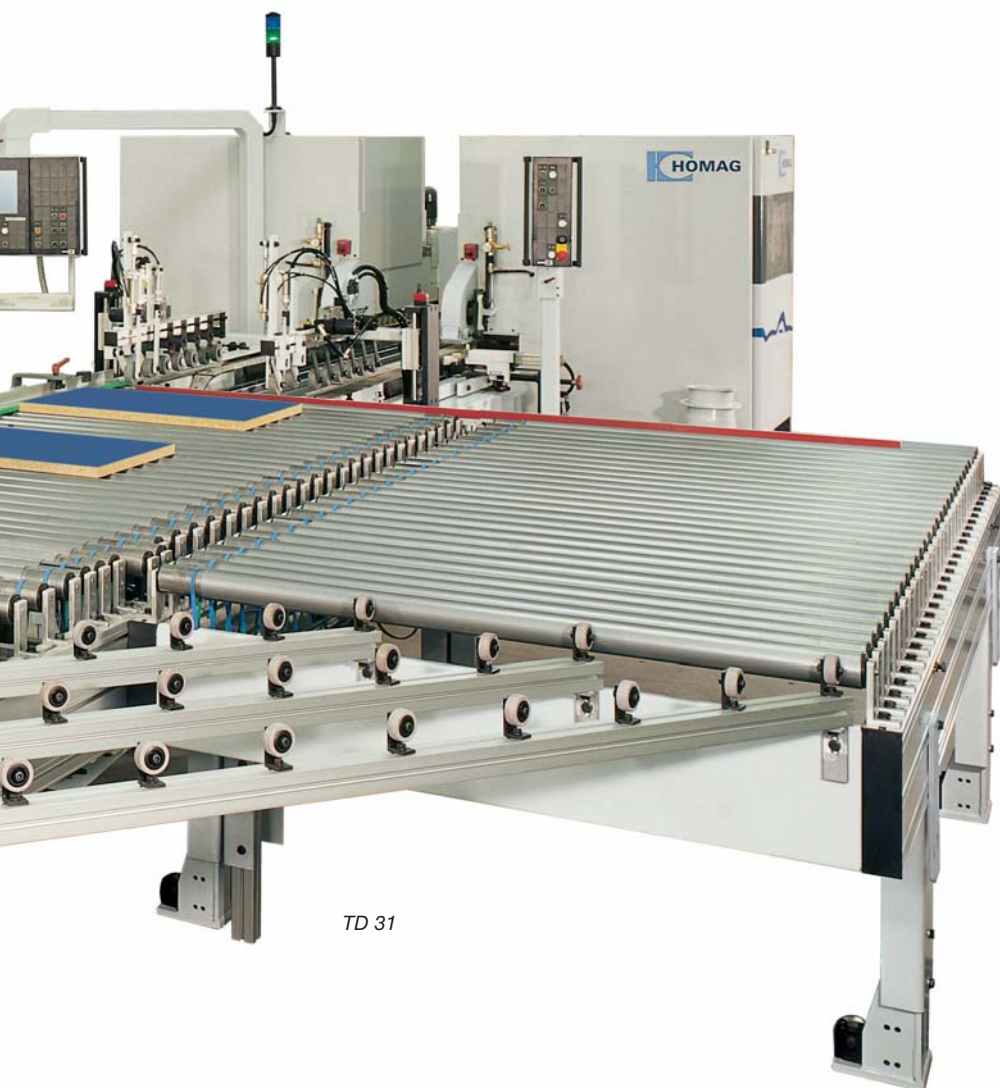




Transfer on one level
- **Optimat** TD 31
- **profi** line TD 31
- **power** line TD 33

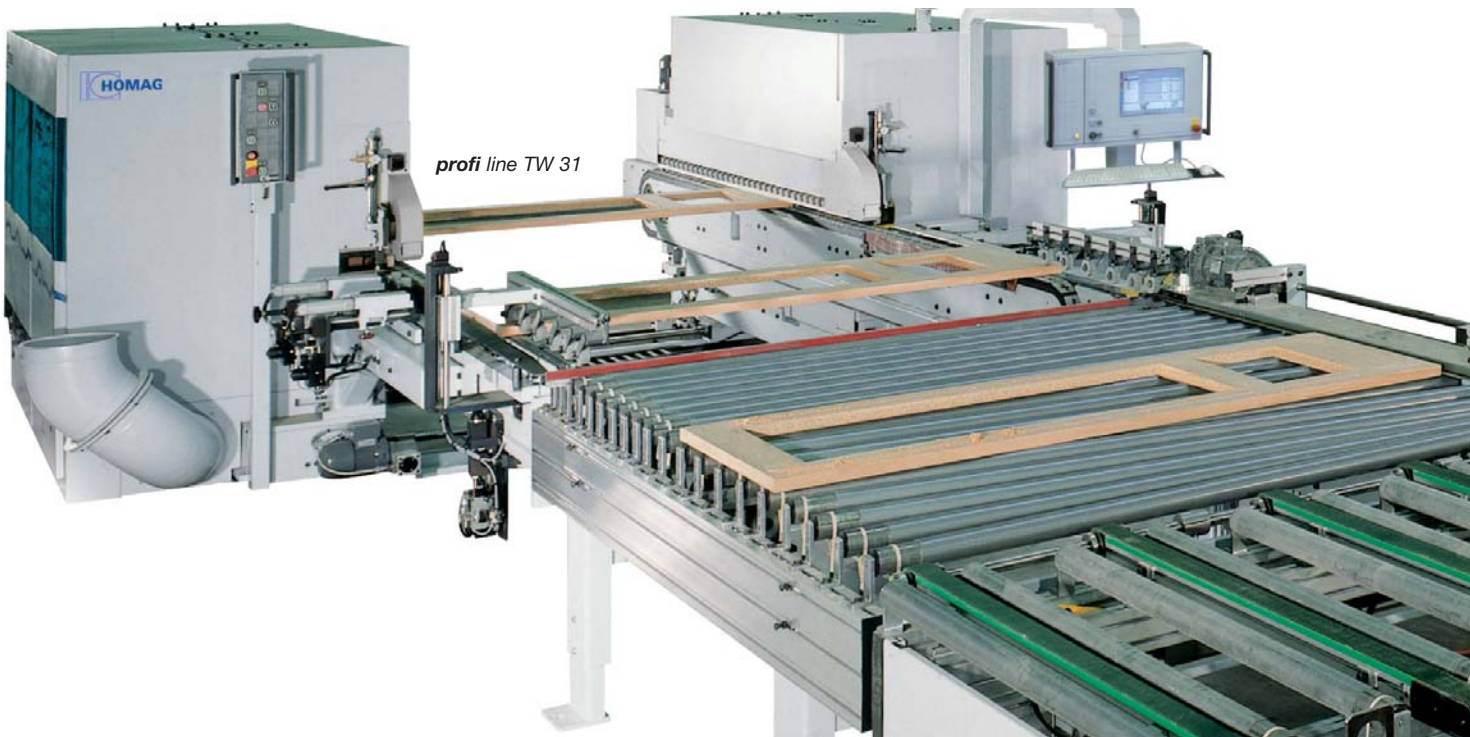
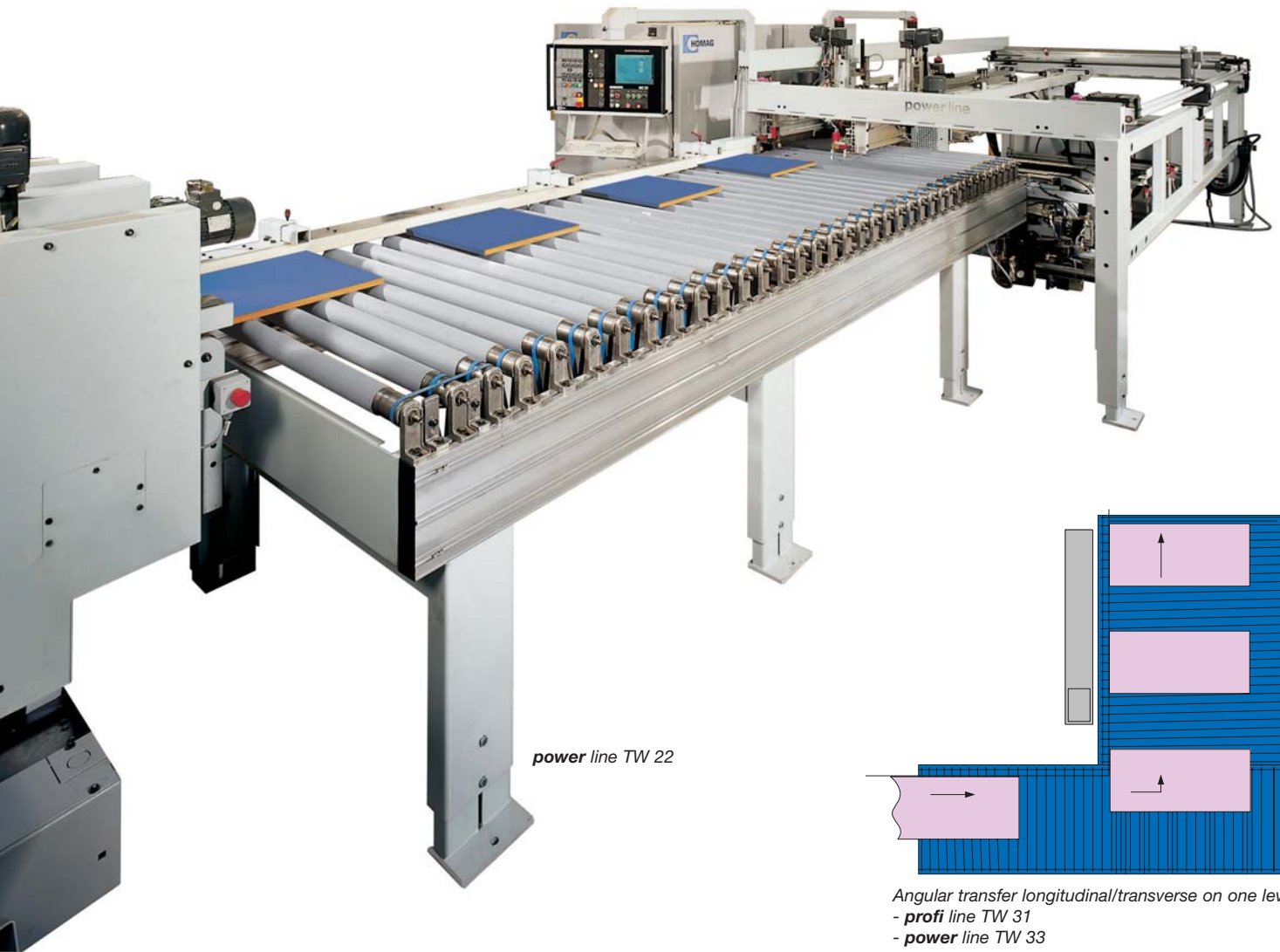


Transfer on two levels
- **profi** line TD 32
- **power** line TD 34



TD 31

Angular transfer TW: High throughput in any width



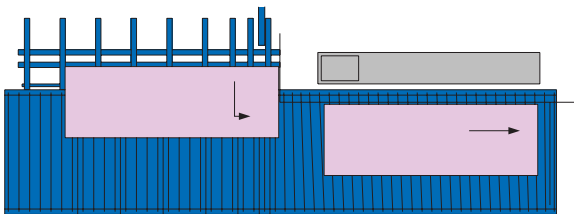
HOMAG offers a total of three performance classes for the angular transfer of workpieces: **Optimat**, **profi** line and **power** line. The particularly low-cost **Optimat** version is designed to work with production units fitted with **Optimat** processing machines. While **profi** line is designed for individually configured machine plants, **power** line is intended for operation with high performance production lines.

- Longitudinal/transverse angular transfer on one level
 - **profi** line TW 31
 - **power** line TW 33
- Transverse/longitudinal angular transfer on one level
 - **profi** line TW 51

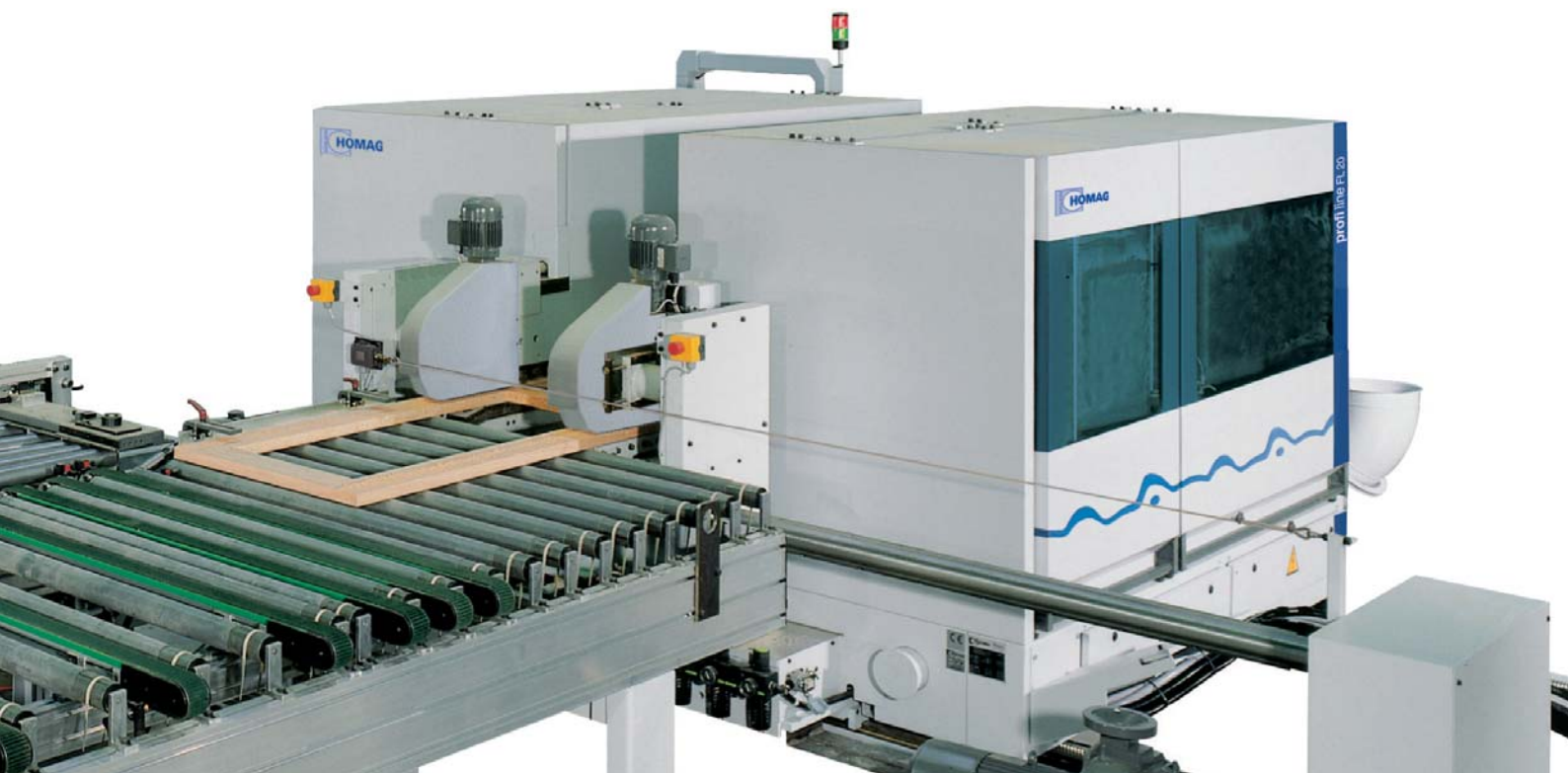
- Longitudinal/transverse angular transfer on two levels
 - **profi** line TW 22
 - **power** line TW 22



Angular transfer TW 22



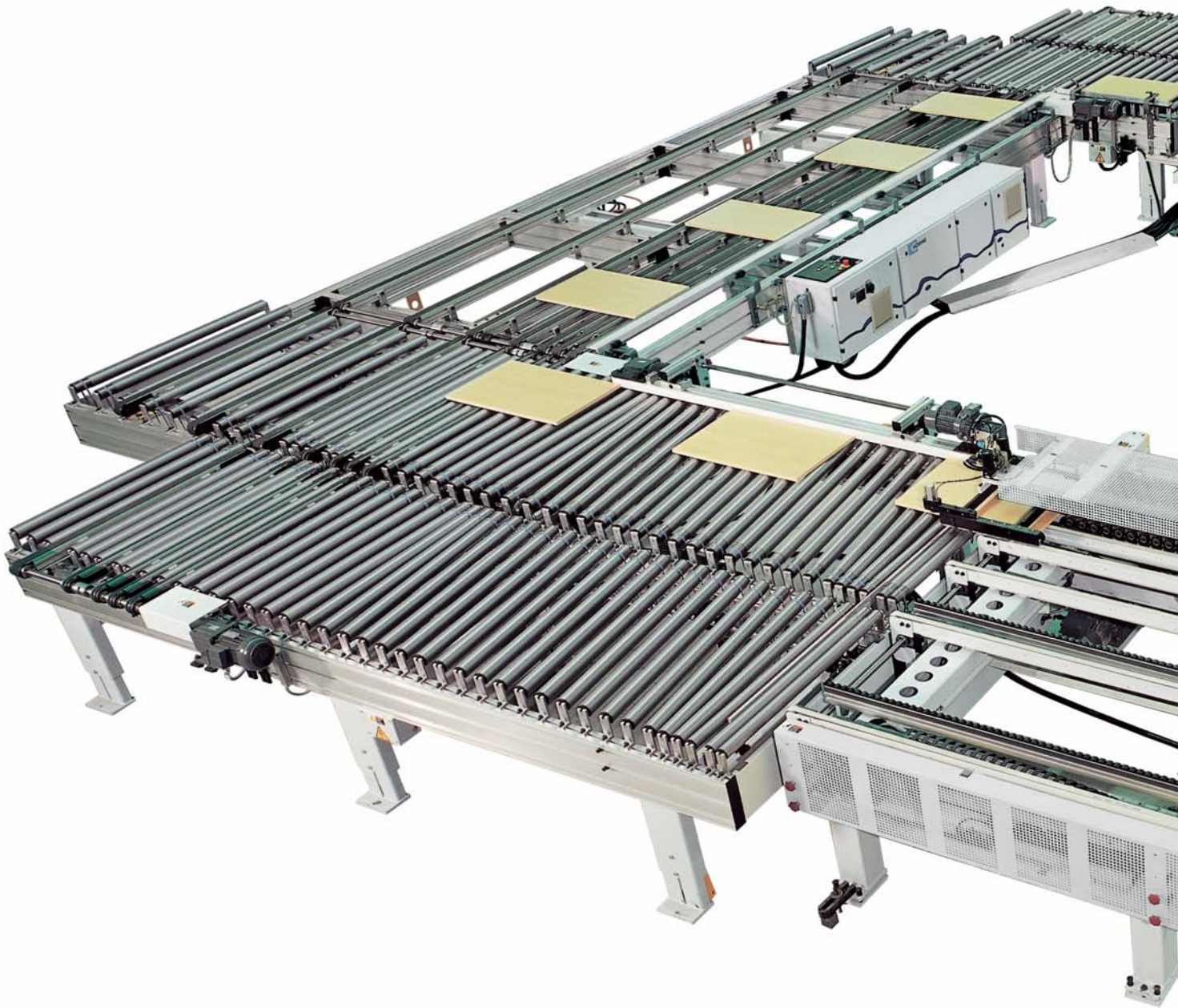
Angular transfer transverse/longitudinal on one level
- **profi** line TW 51



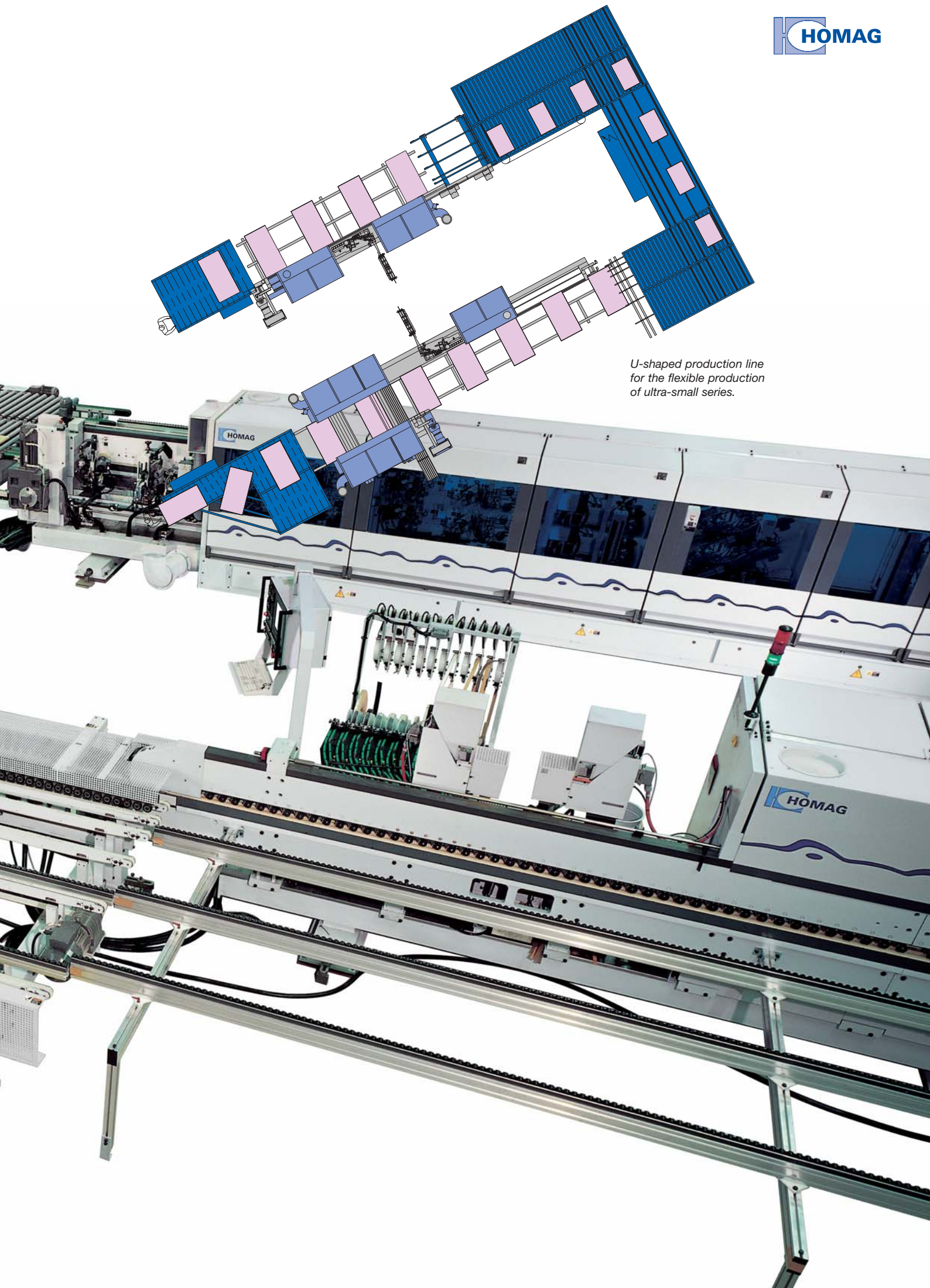
Double angular transfer: Flexibility for small-series production

HOMAG double angular transfers are used in U-shaped production lines with two single-sided machines, where they contribute towards the trouble-free, flexible production of small series. The workpieces are processed, irrespective of width, on single-sided machines.

Depending on the task in hand, the double angular transfers can be designed for longitudinal only or for combined longitudinal and transverse processing.



Double angular transfer TW 41



*U-shaped production line
for the flexible production
of ultra-small series.*



A member of the HOMAG Group



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