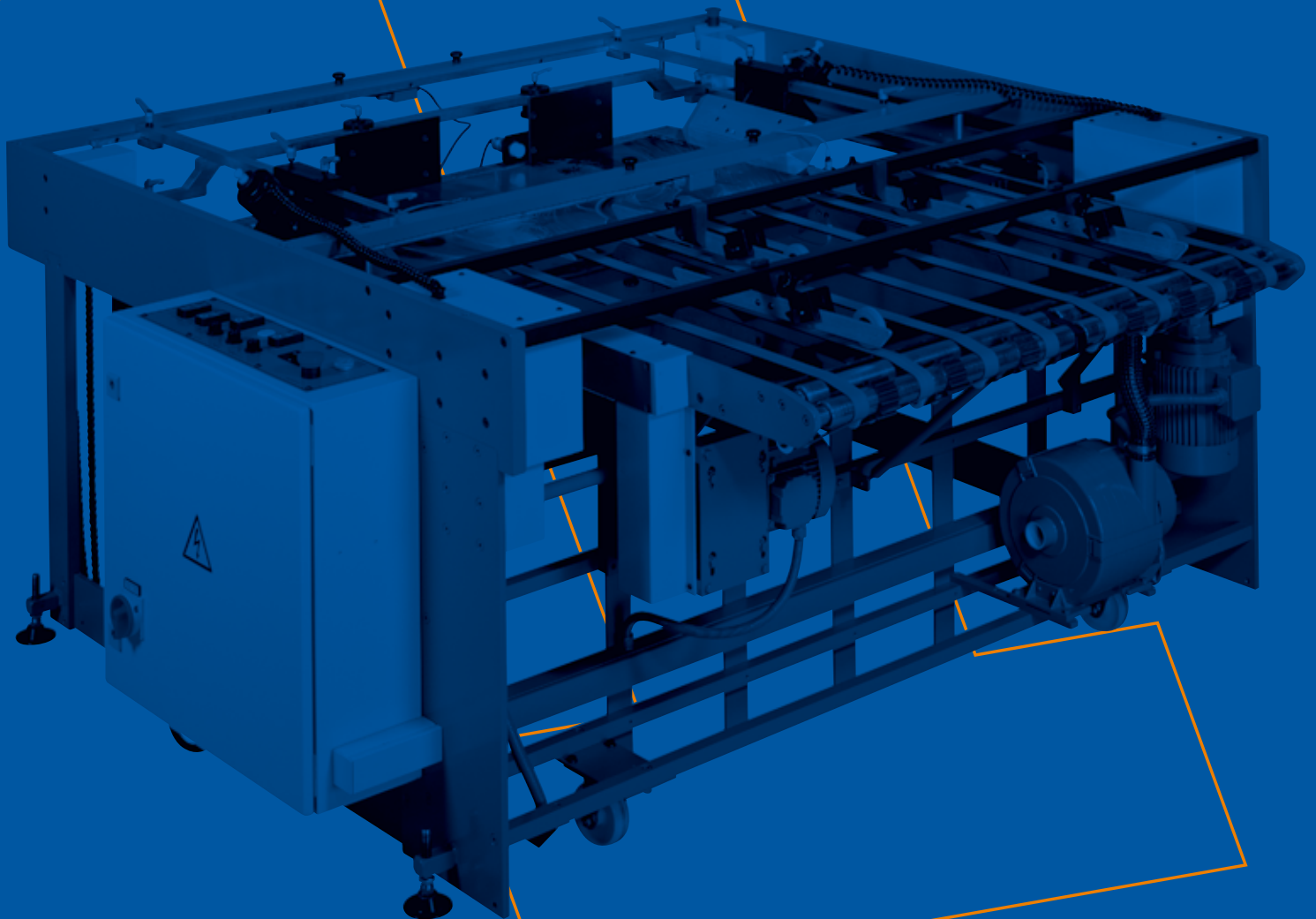


THIEME

THIEME/GWK

Sheet Stacker



The THIEME/GWK stacker can be integrated into any screen printing line. It produces a stack with straight edges by means of lateral stack straighteners on a steel base plate. The weight of the stack can be up to 2500 kg (5512 lb). A warning light illuminates when the stack is full or there is a back-up of substrate. The stacker can handle printing material such as paper, cardboard, corrugated plastic, foils, etc. The stacker's performance enables integration into rapidly moving screen printing lines. Depending on the height at which the material enters the stacker, the stack may reach a maximum height of 1200 mm (47.2 inch) and is equipped for use with pallets.

The THIEME/ GWK Stacker

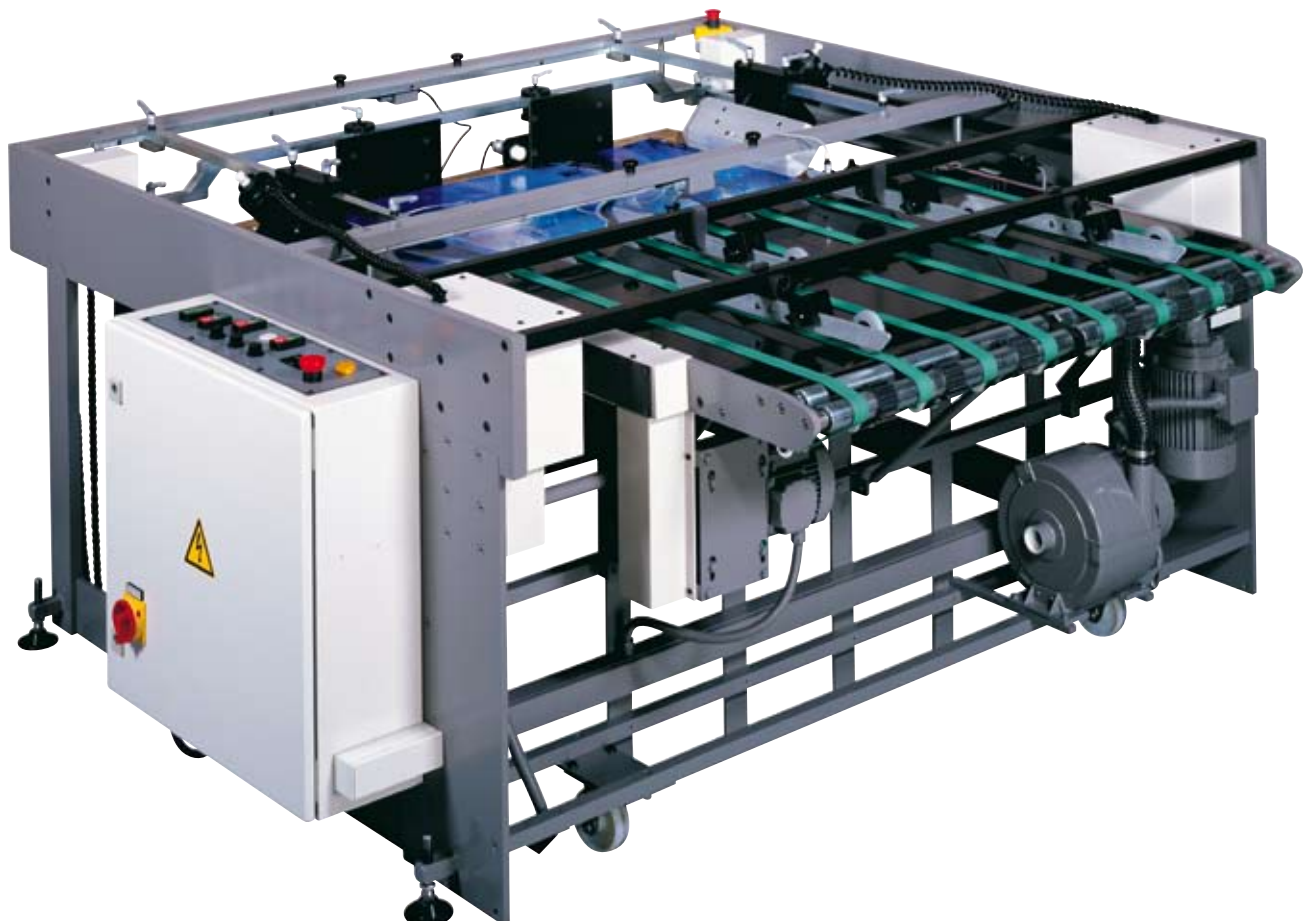


Control panel on operating side with the following functions:

- Moveable stacking table (up/down)
- Infinitely adjustable speed of the transport belt
- Regulated intermediate blowing device for protecting the material during transport
- Control lamp to show stack is full, prepared for line linkage (stop when back-up and stack full)
- Sheet counter
- Emergency stop switch

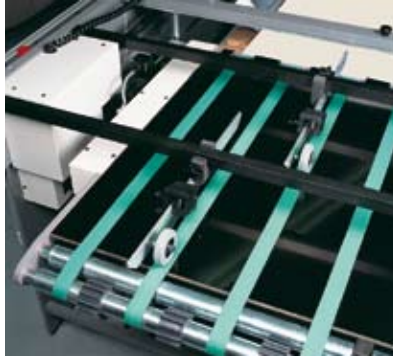


The lateral stack straightener helps achieve stacks with perfectly straight edges. When a sheet is fed to the stack, the photoelectric barrier opens the stack straighteners. They remain still (in the closed position) until the next sheet approaches. The sensor and the straighteners are adjustable to adapt to the size of the material.





While the sheets are fed to the stacker, an adjustable intermediate blowing device helps to transport the print material without incurring any damage. The infinitely adjustable blowing air jets are attached above the front straightener. This straightening strip is equipped with a safety shutoff so that overtravel is not possible when raising the pallet or the stack.



A belt system takes the sheets from the drying or take out belt and adapts the stacking speed. The belt speed is infinitely adjustable and can therefore be adapted to the properties of a wide variety of printed materials. Rubber transfer rollers simplify the transfer of the sheets from the dryer or take out belt to the automatic sheet stacker's belt system. When transporting sensitive material, the stacker can be equipped with an optional vacuum transport belt.

Available special equipment:

- Additional straightener
- Soft descent option
- Lateral unloading
- Vacuum transport belt
- No-stop device
- High-stack device over 1000 mm to 1600 mm (39.4 inch to 63 inch)
- Stacking on the front edge by means of the adjustable belt system stacks the sheets always with the stopper on the gripper edge. When operating with pallets, this is an important benefit because it allows the pallet to be moved directly into the proper position for follow-up printing.

Technical Data

Machine model	20	30	40	50	60	70	80	90
Sheet size max. (mm)	800 x 1100	1050 x 1450	1250 x 1650	1450 x 1850	1700 x 2200	1700 x 2700	1700 x 3150	2100 x 3150
(inch)	31.5 x 43.3	41.3 x 57.1	49.2 x 65	57.1 x 72.8	66.9 x 86.6	66.9 x 106	66.9 x 124	82.7 x 124
Sheet size min. (mm)	300 x 200	550 x 200	550 x 200	550 x 200	550 x 200	550 x 200	550 x 200	550 x 200
(inch)	11.8 x 7.9	21.7 x 7.9	21.7 x 7.9	21.7 x 7.9	21.7 x 7.9	21.7 x 7.9	21.7 x 7.9	21.7 x 7.9
Pile weight max. (kg)	1500	1500	2500	2500	2500	2500	2500	2500
(lb)	3310	3310	5510	5510	5510	5510	5510	5510
Stacking performance (units/hour)	1200	1200	1200	1200	1200	1200	1200	1200
Outside dimensions LxW (mm)	1720 x 2040	2390 x 1970	2170 x 2590	2370 x 2790	2620 x 3140	2620 x 3640	2620 x 4090	3020 x 4090
(inch)	67.7 x 80.3	94.1 x 77.6	85.4 x 102	93.3 x 110	103 x 124	103 x 143	103 x 161	119 x 141
Stacker weight (kg)	1200	1300	1400	1500	1600	1700	1800	2000
(lb)	2650	2870	3090	3310	3530	3750	3970	4410
Power supply (kW)	8	8	8	8	8	8	8	8
Connection voltage (V / 50 Hz / 60 Hz)	415/480	415/480	415/480	415/480	415/480	415/480	415/480	415/480
Rated current (A per phase)	20	20	20	20	20	20	20	20

All technical information is not binding and is subject to change.

Operator side left or right, take out rear.

The THIEME/GWK stacker can be used for a variety of applications. Machine features are based on the requirements of each individual customer and are governed by the type of substrates. Please note that the use of substrates that differ from those defined at the time of purchase may influence the performance of the machine. Please also note that options and special features of the machine may influence the performance and might change dimensions, cycle times and application possibilities compared to the standard version.

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