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Brochure finishing

Stitcher-Folder-Trimmer

tb sprint 304 QSM8

with three knife trimming

tb sprint 303/203 QSM8

tb sprint 503

Die punching machine10

for head and foot trimming, multiple
ups, hole punching, form punches

tb sprint 345 N

Numbering machine10

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tb sprint, the basic machine

Collating in scale transport technique

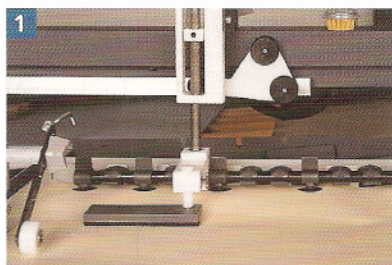
With the tb sprint collator with scale transport technique the paper is pushed cycle by cycle and aligned at the left, headside edge. Hereby also different formats can be collated in one course of manufacture.

The most important functions

- ☐ Optimal suction, up to 16 suckers each station, individually adjustable (photo 1)
- ☐ Excellent separation of sheets by controlled blast and separating air, up to 10 blower towers each station which can be switched on individually
- ☐ Paper separators
- ☐ Exact paper transport by magnet angles on the scale transport table
- ☐ Torsion free sucker and blower drive for precise controlling conditions at each station

Standard equipment

- ☐ Missed sheet detector infrared each station with cover control
- ☐ Double sheet detector electro-mechanical at the delivery, motor adjustable (photo 2)
- ☐ Paper jam detector for transport table
- ☐ Lighting of transport table
- ☐ Hand feeding station right
- ☐ Delivery jogger for normal and criss-cross delivery, jogging power infinitely adjustable
- ☐ Total- and pre-selection batch counter
- ☐ Infinitely variable digital speed display
- ☐ Electric and pneumatic intersection for connecting machines
- ☐ B2-machines with 2 sucker bars each station
- ☐ Pressure vacuum pumps in sound-proof hood within the machine
- ☐ CE safety sign



Shortest set-up times for suckers and blowers and safe paper transport guarantee fast order turnaround.

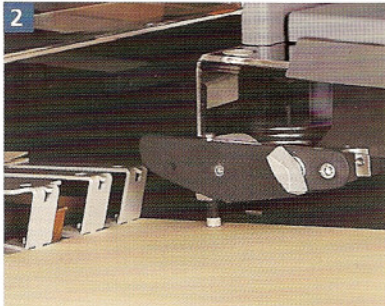


- ☐ Single valves for suction and blast air guarantees always exact and similar conditions for blowing and deposit at each station.

- ☐ Safety hoods for optimal protection and draught free paper transport

The three pile-variants

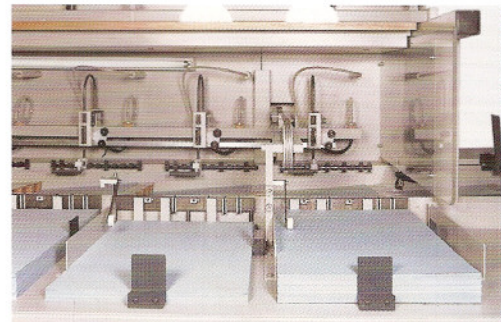
Optimal adaptation to production process



Double sheet detector electromechanical.
Controlling mechanisms as this one care for reliable working

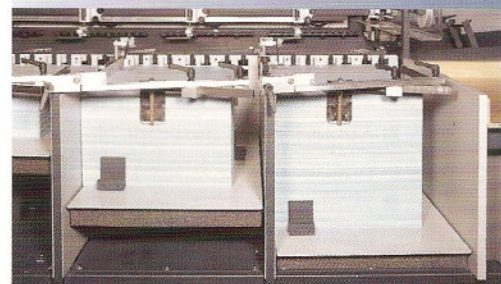
Flat pile up to 5 cm
Variable pile up to 30 cm
High pile up to 65 cm

The material can be loaded during run with the FP- and the VP-version.
The VP- and the HP-version also have the advantage that the pile level is automatically adjusted and kept to an optimal sheet removing height.



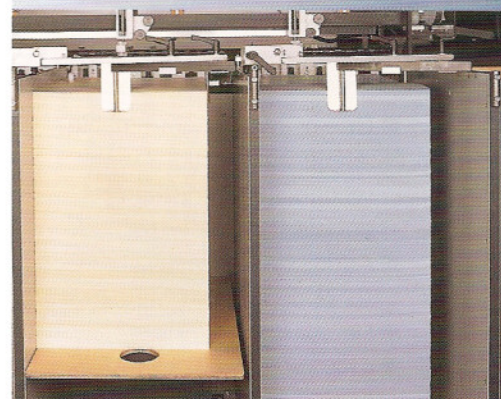
Flat pile (FP), pile height up to 5 cm

Short set-up times by magnet stops.
High average speed by continuous infeed during machine run. Non-stop-operation with easy operating friendly method of working.



Variable pile (VP), pile height up to 30 cm

The variable pile has magnetic and adjustable piling stops. Each station is adjustable to an optimal level and can be loaded during machine run.



High pile (HP), pile height up to 65 cm

Speedy, efficient operation with high pile loading equals high volume production, with optional pre piling system.
Central feeding and piling mechanism with interim stop for ergonomic favourable feeding.



Technical data

tb sprint collators

B4 format (25 x 35 cm)

tb sprint		B 407	B 409	B 414	B 421	B 428	B 435	B 442
Number of stations		7	9	14	21	28	35	42
Format in cm		25 x 35 up to 6,5 x 10						
Speed in c/h		4000	3800	3500	3300	3100	2900	2700
Machine length incl. jogger in m		3,31	3,87	5,27	7,23	9,19	11,15	13,11
Machine width in m		1,10	1,10	1,10	1,10	1,10	1,10	1,10
Machine weight in kg without additional equipment	FP	900	1040	1390	1860	2420	2970	3530
	VP	1110	1310	1810	2490	3260	4020	4790
	HP	1180	1400	1950	2700	3540	4370	5210
Electrical load incl. side blast air and SPS in kW with 400 V 3-/N/PE, 50 Hz	FP	3,0	3,3	4,9	6,5	9,7	9,8	11,6
	VP/HP	3,5	4,0	6,2	8,2	11,9	12,6	15,3
Further available all stations		between 7 and 42						

B3 format (35 x 50 cm)

tb sprint		B 305	B 307	B 310	B 315	B 320	B 325	B 330
Number of stations		5	7	10	15	20	25	30
Format in cm		35 x 50 up to 6,5 x 10						
Speed in c/h		3500	3400	3300	3100	2800	2700	2600
Machine length incl. jogger in m		3,55	4,31	5,45	7,35	9,25	11,15	13,05
Machine width in m		1,40	1,40	1,40	1,40	1,40	1,40	1,40
Machine weight in kg without additional equipment	FP	975	1160	1510	1975	2580	3175	3780
	VP	1165	1475	1950	2650	3480	4305	5130
	HP	1455	1755	2190	2925	3820	4625	5450
Electrical load incl. side blast air and SPS in kW with 400 V 3-/N/PE, 50 Hz	FP	2,9	3,3	5,3	7,4	9,7	10,6	13,5
	VP/HP	3,7	4,4	6,9	9,8	12,9	14,6	18,3
Further available all stations		between 5 and 36						

A2 format (46 x 65 cm) / B2 format (50 x 70 cm)

tb sprint		A 208	A 212	A 216	A 220	B 208	B 212	B 216	B 220
Number of stations		8	12	16	20	8	12	16	20
		46 x 65 up to 10 x 10				50 x 70 up to 10 x 10			
Speed in c/h		2500	2400	2300	2200	2400	2300	2100	2000
Machine length incl. jogger in m		5,9	7,86	9,82	11,78	6,34	8,46	10,58	12,70
Machine width in m		1,70	1,70	1,70	1,70	1,80	1,80	1,80	1,80
Machine weight in kg without additional equipment	FP	1490	1920	2500	3080	1510	1950	2530	3100
	VP	1960	2640	3460	4280	2090	2820	3670	4570
	HP	2230	3000	3930	4860	2420	3200	4160	5030
Electrical load incl. side blast air and SPS in kW with 400 V 3-/N/PE, 50 Hz	FP	5,2	7,2	10,1	12,8	5,3	8,8	10,0	13,2
	VP/HP	6,4	9,1	12,6	16,0	6,5	10,7	12,6	16,4
Further available all stations		between 4 and 22				between 4 and 22			

Further formats on request, e. g. 52 x 72 cm and 56 x 75 cm
Standard colours: grey (RAL 7039), red (RAL 3016), blue (RAL 5009)
Alterations reserved!