

BIELOMATIK P22/02-111 + CSW25/67 FULLY AUTOMATIC CUT-SIZE A3-A4
PHOTOCOPY PAPER MACHINE



KEY TECHNICAL DATA

Brand & Model		Bielomatik (currently BW Papersystems Hamburg)	
Manufactured Year		2006	
Format		Cut-Size A3 A4	
Working Width	Min	425 mm	
	Standard	845 - 850 mm	
	Max	900 mm	
Max Reel Capacity		60" (1524 mm) 2.000 kg	
Paper Weight	Min	40 gsm	
	Max	160 gsm	
Cut-Off Length		297 mm (LG)	
Collecting & Counting	Min	100	Sheets H: 10 mm
	Max	1500	Sheets H: 15 mm
Max. Speed		550 m/min	
Out Put (A4-A3)		14 reams A4 7 reams A3	
	Real Avg.	10 reams per minute	
Voltage		400 V	
Frequency		50 Hz	

Scope of the machine

Unwinder	Wrapper feeding
Slitting & Turning Bar	Heidelberg Sheet Feed
Cross Cutter	Nordson Hot-Melt Glue
Overlapping & Carriage	Exit Gate Heater
Collecting	
Delivery to Wrapper	

Spare Part & Technical Docs & Highlights

Distinguished Full Original Spare Part & All Technical Drawings
4 Spare Disk Break
1 Spare Brake Caliper
2 additional decurler bar
1 Dienes slitting blade system - Full Pack
Bunch of Slitting Disk Knife
Squeeze Roller (Pulls paper to cross) Shaft and Roller - Full Pack
Original set of Bielomatik Tungsten Carbide Knife Set
5 Sets of cross cutter knife
Spare Original Encoder (for cross cutter)
Full-pack toothed timing belts
Full-pack conveyor belts
Spare Overlapping feets
Spare krank shaft for overlapping carriage
Collecting aligners - spare 2 full pack
Spare many separating fingers
Spare original Lenze reductor+brake+motor combination
Spare Nordson proglue4 tank
Original Nordson Hose
Original Nordson Glue Head
Spare old Nordson hose & heads
Spare alternative hose & head
Spare Pistons - Bearings - Cross Cutter Imperial Fittings
2021 TIP - Whole machine drive system with new motors
upgraded to new Siemens S7
Former drives and motors are maintained and kept aside
Simantic Industrial computer with necessary Bielomatik software
Exit gate conveyor and strapping machine
Side trim and dust vacuum pump
Spare, TIP project, Simantic and additions are around 200.000 €
Machine is still running 6/24 per week and 400 ton per month
24 hours record - 11.238 reams
Monthly capacity record - 650 tons
Dismantle and Commission Service - negotiable
Operator Training - negotiable
Ready to investing in

UNWINDER

Shaftless unwind station - 1 reel single stand

Hydraulic brake system integrated with pneumatic dancing roller - web tension control

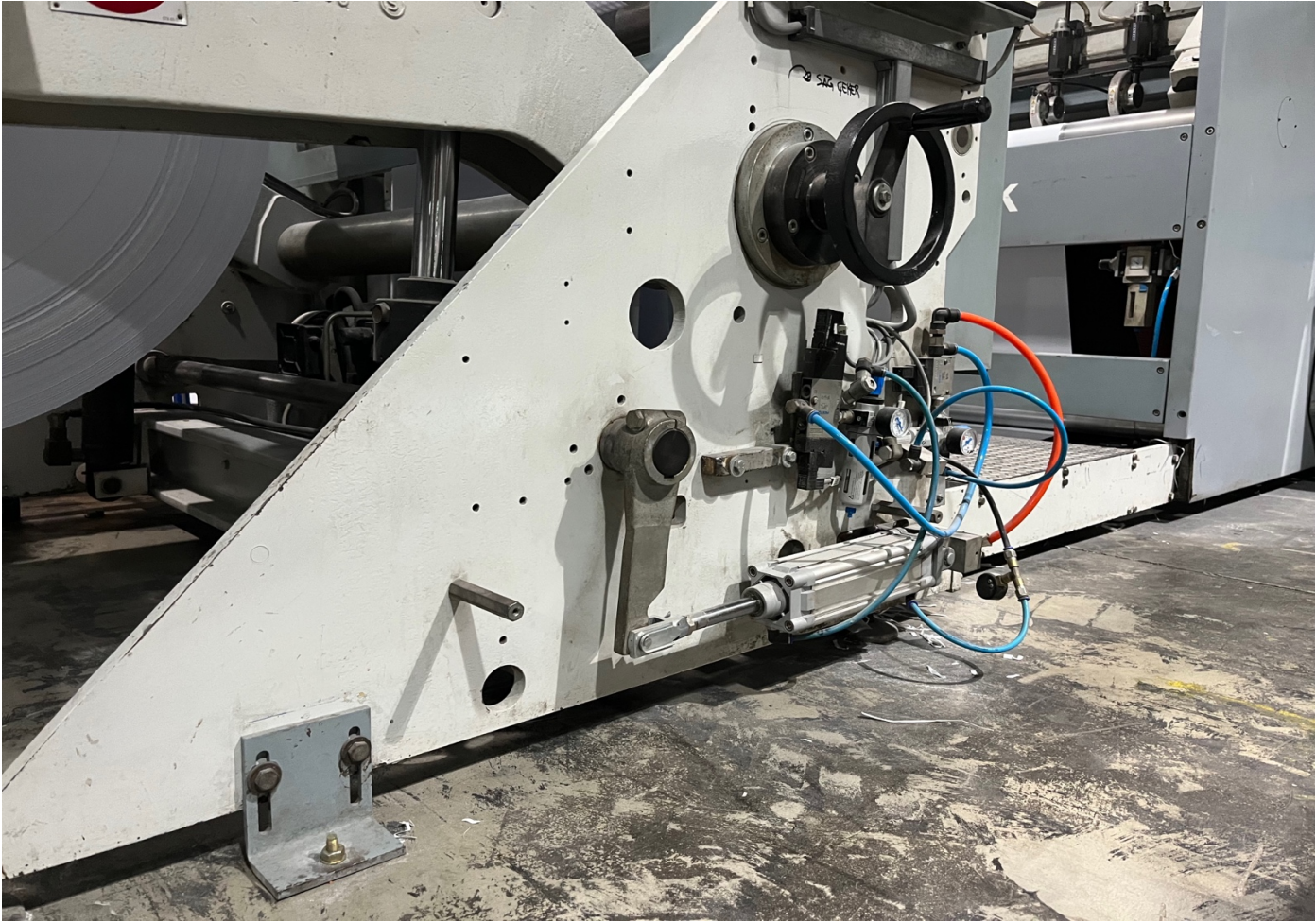
Unwinder with 1524-mm (60") diameter & 2.000 kgs lifting capacity

Minimum 425-mm Maximum 960-mm width paper reels can be loaded

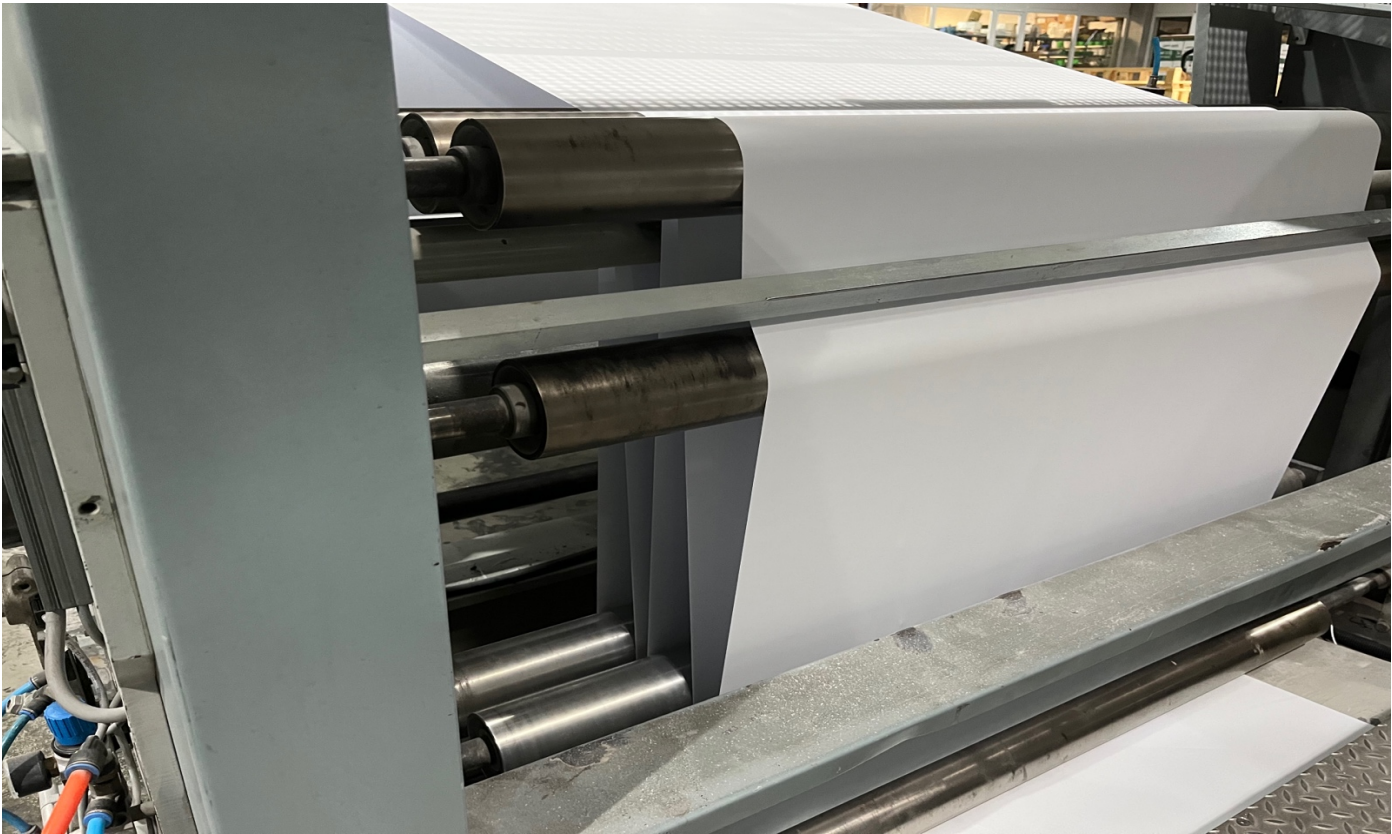
Disc break and caliper break with fan-cooling system



Web-edge control mechanism with manual spindle control



Made of stainless steel coated 4-edge decurling bar - Electronically activated during production



All hydraulic systems are well maintained according to manufacturing instruction

Original bielomatik 4-steel disk breaks, original caliper, pneumatic pistons are spare parts

Overhauled in 2021 - excellent performans on control over unwind reel both running and emerg stop

SLITTING & 90-DEGREE TURNING BARS

5 Slitting blades made by Dienes originally - trimming

Blades and pulling bar is pneumatically activated

Spare Dienes blade system and bunch of disk slitting blades

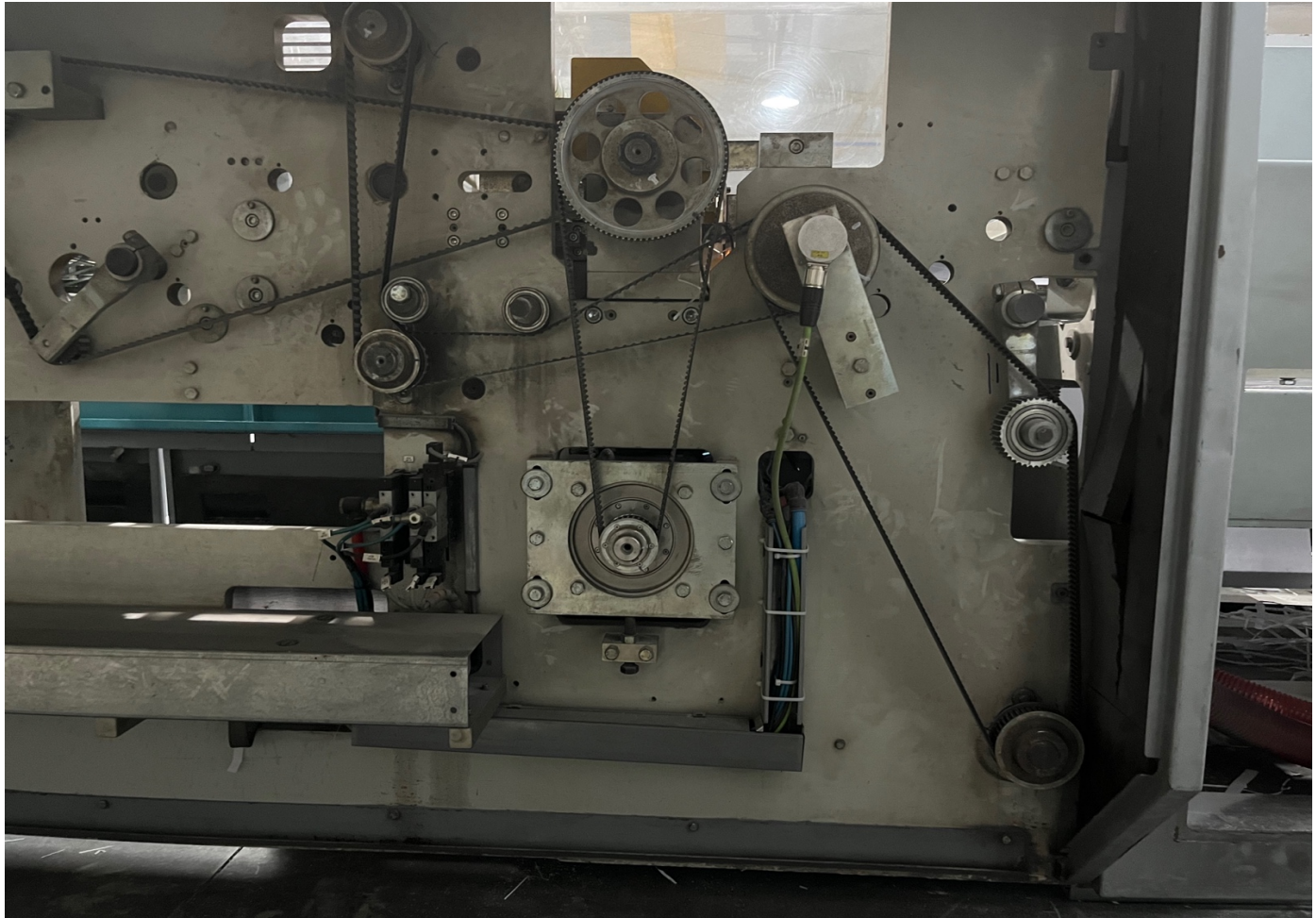


This machine is designed to perform 4-pocket machine production capacity on only 2-pocket-easy-use
That is why, 4-piece of slitted 21-cm width paper are turned onto each other and cross-cut together
90-degree turning bars make air-cushion to paper webs to reduce friction and control over paper webs
Turning bars air pressure controlled by own switches so as to avoid air-waste while working on A3 size



CROSS CUTTER

The machine has 2 individual synchron motor (Siemens) to perform pull-and-cut
Synchron motors and drives are upgraded by a TIP Project by BW Papersystems Hamburg 2021
Main drive and cross cutter drive are included in the project



Cutting tolerance ± 0.015 mm which is the best in the market

Rubber coated squeeze roller pulls paper. Spare squeeze roller is included so that no down time in prod

Conventional cutting system - bottom knife is fixed and upper knife is rotating.

Knife angle can be adjusted but only cutting-length 29.7 cm

Minimum 40 gsm maximum 160 gsm paper cutting (200 gsm is performed well at lower speed)



Original knife sets are included as spare parts (Both Tungsten Carbide and Steel Knives included)

Acoustics cover to reduce noise and dust-removal fan

OVERLAPPING & COLLECTING

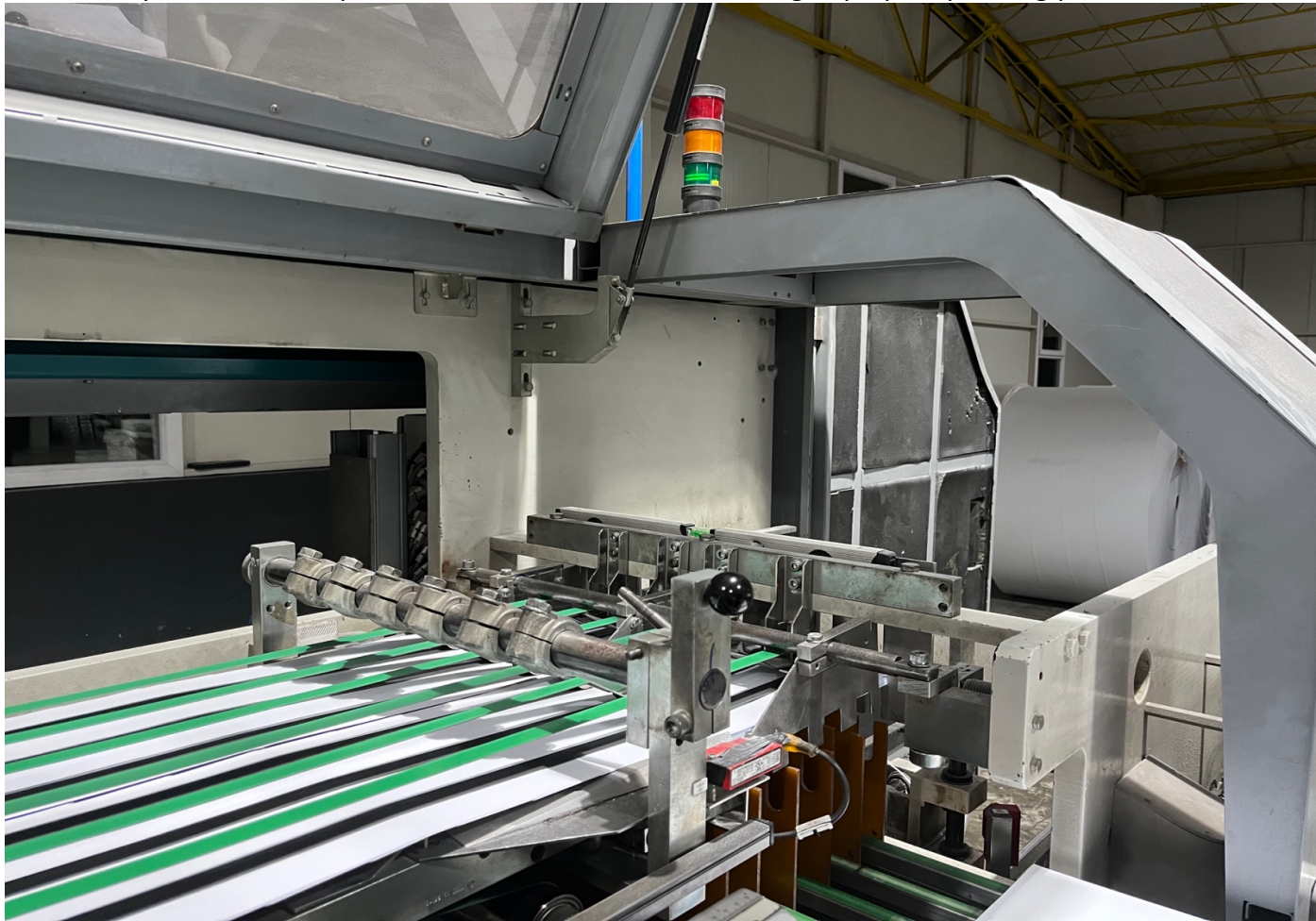
Cut sheet of paper are controlled by belts and transferred to overlapping and slower-tape-track



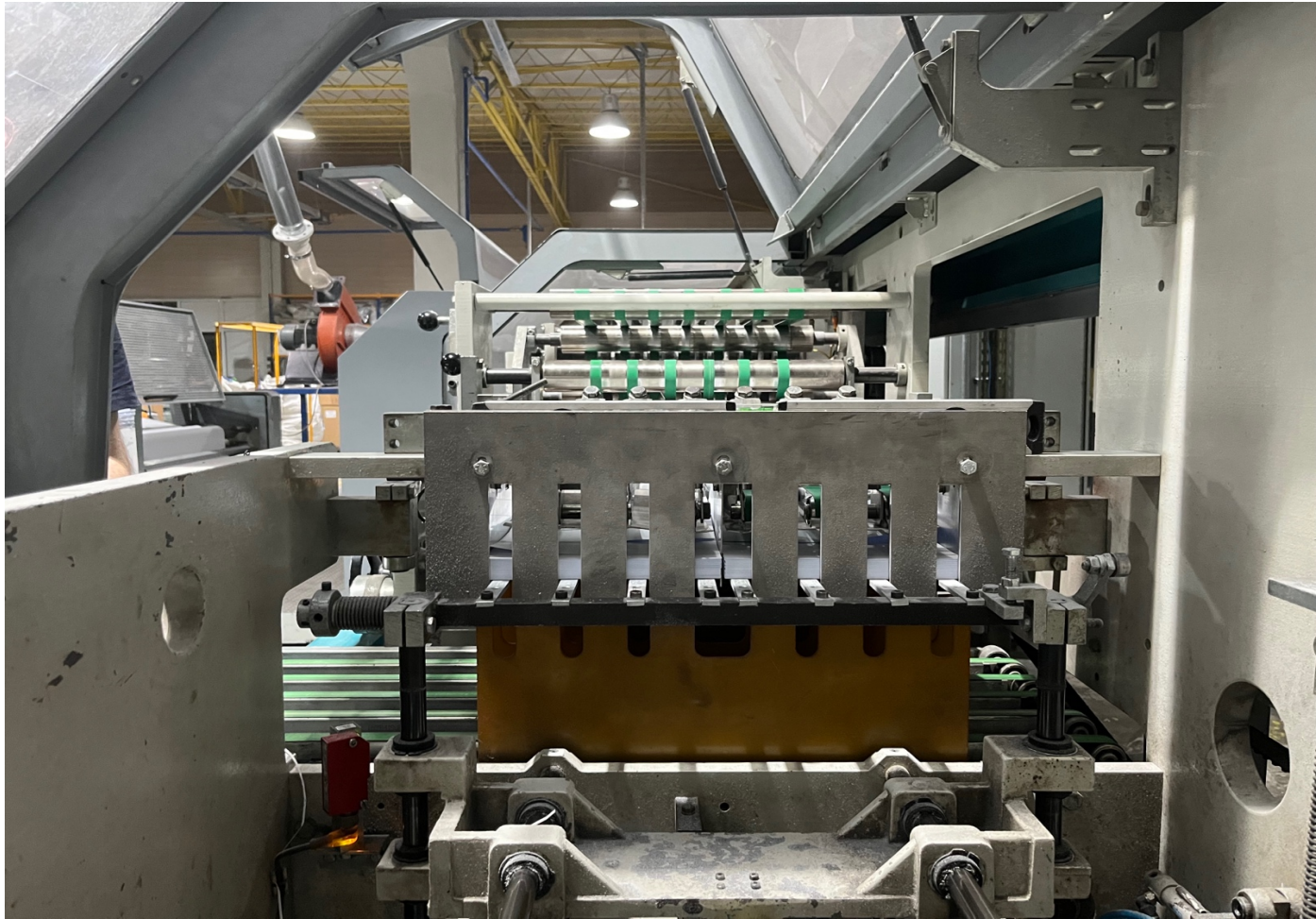
So that paper sheets are gathered on each and ans slowed down to count and collect



Counting is performed via cross cutter rotation and sensors
That is why it is almost impossible to make mistake on counting in proper operating procedure



Counting range is from 100 to 1.500 sheets (1 cm to 15 cm in height)
Finished reams are lowered by stacking table and transferred to conveyor belts



CSW25 AUTOMATIC REAM WRAPPER MACHINE

CSW25 machine is an integrated part of the cut-size line but can also work individually



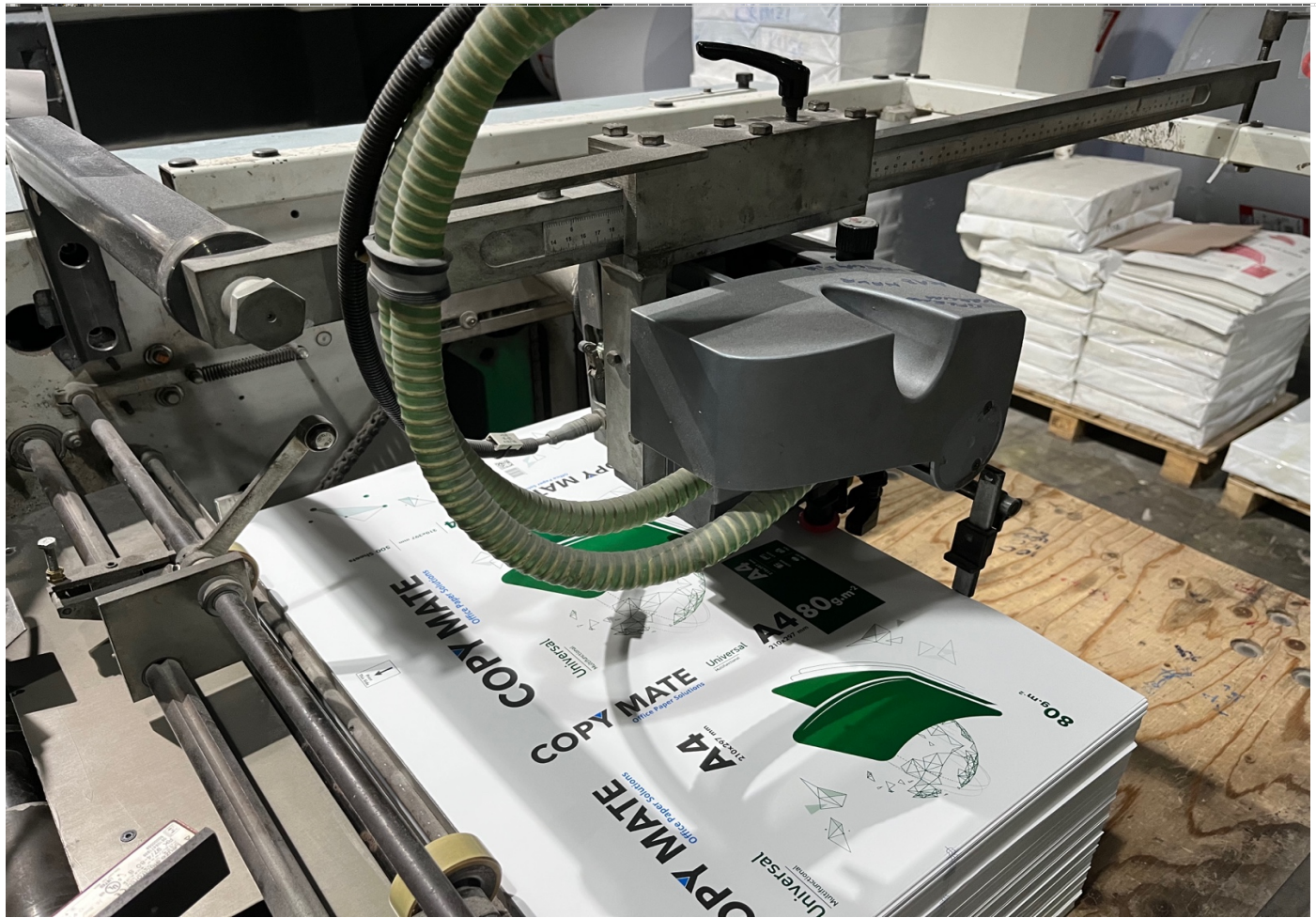
Hot-melt system is Nordson Proglue 4 (4-liter tank) with all original Nordson Hose and Heads





Wrapping machine is sheet-feed model with Heidelberg suction head





Exit gate heater

