

Acoro A5 Perfect Binder

Technical Data



Mechanical speed	1000 – 5000 cycles per hour			
Clamp pitch	21"			
Number of clamps	16 or 20			
Clamp opening	maximum	80 mm (3 1/8")		
		standard perfect binder	small size perfect binder	
Sizes	book spine length	maximum	430 mm (16 7/8")	430 mm (16 7/8")
		minimal	140 mm (5 1/16")	140 mm (5 1/16")
	book width	maximum	305 (320) mm	305 (320) mm (12 (12 5/8"))
		minimal	100 mm (4")	80 mm (3 1/8")
	book thickness	maximum	60 mm (2 3/8")	50 mm (2")
	book thickness with scoring	minimal	3 mm (1/8")	3 mm (1/8")
	book thickness without scoring	minimal	2 mm (1/16")	2 mm (1/16")
	cover width (open)	maximum	642 mm (25 1/4")	642 mm (25 1/4")
		minimal	203 mm (8")	162 mm (6 5/16")
	Book hang-out	maximum	17 mm (11/16")	17 mm (11/16")
		minimal	8 mm (5/16")	8 mm (5/16")
			() = book block without cover	
Premelter freestanding	for spine glue station	capacity	80 liters (21 US gal.)	
		power req.	11 kW	
	for side gluing unit	capacity	18 liters (4.8 US gal.)	
		power req.	6 kW	
Air consumption	premelter for side gluing unit		4 Nm ³ /hr @ 6 bar	(2.4 ft ³ /min @ 87 psi)
	mull feeder	blow air	60 Nm ³ /hr @ 6 bar	(36 ft ³ /min @ 87 psi)
		vacuum	32 Nm ³ /hr @ 60%	(19 ft ³ /min @ 60%)
	drum cover	blow air	20 Nm ³ /hr @ 6 bar	(21 ft ³ /min @ 87 psi)
	feeder	vacuum	20 Nm ³ /hr @ 60%	(12 ft ³ /min @ 60%)
	stream cover	blow air	36 Nm ³ /hr @ 6 bar	(21 ft ³ /min @ 87 psi)
	feeder	vacuum	20 Nm ³ /hr @ 60%	(12 ft ³ /min @ 60%)

Exhaust	milling station	air volume:	1500 Nm ³ /hr	(884 ft ³ /min)
		static pressure:	mind. 1500 Pa	(0.22 psi)
	spine preparation, per station	air volume:	1000 Nm ³ /hr	(590 ft ³ /min)
		static pressure:	mind. 1500 Pa	(0.22 psi)
	Glue station hotmelt	air volume:	1200 Nm ³ /hr	(708 ft ³ /min)
		static pressure:	mind. 150 Pa	(0.02 psi)

Acoro A5 Book Block Sizes		standard perfect binder		small size perfect binder	
		minimal	maximum	minimal	maximum
A	minimal	140 mm (5 1/2")	140 mm (5 1/2")		
	maximum	430 mm (16 7/8")	430 mm (16 7/8")		
B	minimal	100 mm (4")	80 mm (3 1/8")		
	maximum	320 mm (12 5/8")	320 mm (12 5/8")		
C	minimal	2 mm* (1/16")	2 mm* (1/16")		
	maximum	60 mm (2 3/8")	50 mm (2")		

* 2 mm (1/16") without scoring/3 mm (1/8") with scoring
Additional sizes on request.
Design, specifications and dimensions subject to change.

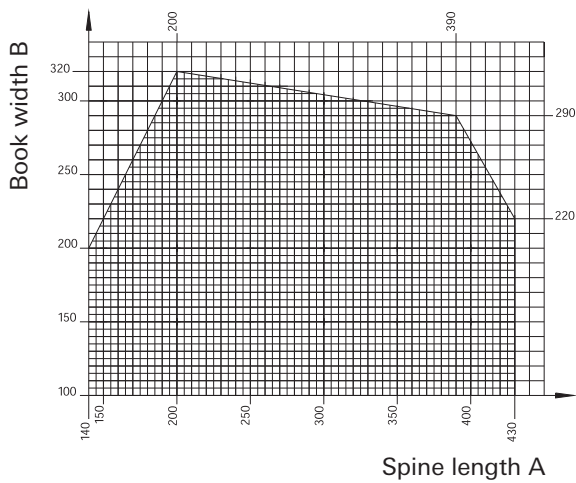
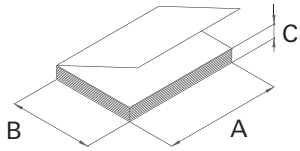
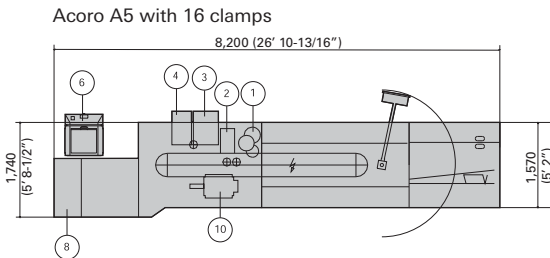


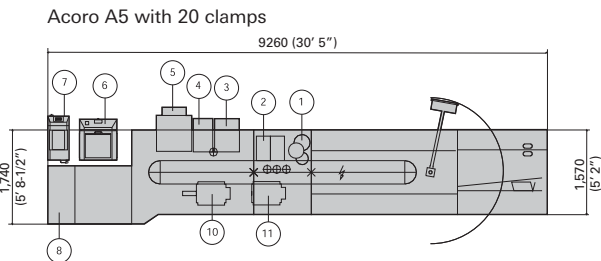
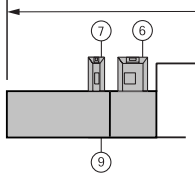
Diagram:
maximum signature width B
In relation to spine length A



Size range depends on machine settings
and type of signatures



9,935 mm (32' 7") for A5 with 16 clamps
10,010 mm (32' 10") for A5 with 20 clamps



Acoro A5

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|-----------------------------|---------------------------------------|
| 1. Milling station | 7. Premelter (side gluing) |
| 2. Spine preparation | 8. Drum cover feeder (version) |
| 3. Spine gluing station | 9. Stream cover feeder (version) |
| 4. Side gluing station | 10. Cover nipping station |
| 5. Mull station (optional) | 11. Second nipping station (optional) |
| 6. Premelter (spine gluing) | |

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