

Col-Tec (Solutions) Ltd

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Date:

For the attention of:
Company, City, Country

COL-TEC SUCTION FEED COLLATOR

B2 MODEL

TECHNICAL SPECIFICATION:

The general construction is as follows:

FRAME:	Manufactured from mainly rectangular hollow section steel onto which other components and sub assemblies are bolted or welded. The frame is painted with undercoat and gloss topcoat with industrial paint. The construction of machines with more than 12 stations requires 2 or 3 frames.	
SHEET SIZES:	Maximum: 50cm x 70.7cm	Minimum: A4 format (smaller on request)
RANGE OF STOCK:	35 - 1000g/m on most types of flat sheet and folded section material.	
DRIVE:	Hard wearing stainless steel cables are used to drive the motion of the suction bar. Although only one cable is required, three are fitted to share the load and give built in back-up in the event any one cable should fail.	
SUCTION BAR:	This is constructed using extruded aluminum section and supports the suction heads. The heads pick up material from the feed stations and transfer it to the conveyor. Within the design the suction bar moves forward before lifting the sheets. This means that the suction heads separate the top sheet from the lower sheets. The movement is essential to minimise missing and double sheets.	
VACUUM AND BLOW:	This is provided using integral pumps and is controlled using purpose built valves. Col-Tec view the pumps as the heart of the machine and we believe in fitting higher rated pumps than found in other collators.	
MAXIMUM SPEED:	Will be set between 1,600 and 2,000 cycles per hour (the actual production output is dependent on the size, paper quality, thickness and conditions of stocks). The Col-Tec model is easily loaded on the run on ALL stations thereby giving high "on the floor" production.	

FEED STATIONS:	The feed stations are at a comfortable height for operators and simple but powerful magnetic stops to keep the material in position are used. The depth of each feed station is supplied at 50 mm and each station can be reloaded whilst the machine is running. Higher than normal lift from the feeding station allows slightly curled stock to be fed.			
	Deeper pile feeders can be supplied as an optional extra.			
PAPER JAM CONTROLS:	Paper jam controls on the conveyor check and safeguard the whole length of the collator against paper lifting and jamming.			
CONVEYOR:	Belts are raised above the conveyor deck helping to carry rather than push the paper along the conveyor. A set of additional belts with welded flights is adjustable to the width of the sheet size thereby preventing any sheets from losing registration.			
	Conveyor flights determine the set thickness that can be collated. As standard those are set at 25 mm, but can be increased to accommodate a thicker set if requested (may affect the minimum sheet size).			
	Automatic knock-up belts are fitted to jog sheets together every time a new sheet is added to the conveyor.			
ELECTRO-MECHANICAL DETECTOR SYSTEM:	Miss detection on each station with double detector on exit.			
COUNTERS:	Totalising and resettable counters fitted as standard.			
ELECTRICAL EQUIPMENT:	380/440 Volts, 3 Phase, 50 Hz with Neutral and Earth. Alternative voltages can be accommodated.			
PRICE:	10-station B2 Refurbished Machine	...	...	£

COL-TEC OPTIONAL EXTRAS (Price when ordered with Collator)

Standard Jogger with Adjustable Height and Tilt	...	...	...	£ included
Criss Cross Attachment	...	...	...	£ included
Hand Feed Position (Right Hand Side)	...	...	...	£ included

ESTIMATED DELIVERY: 8 – 12 weeks, plus shipping, from date of order and receipt of deposit.

INSTALLATION: It will typically take 2 to 3 days to install an average size machine based on 8 hour working days. Connection of the equipment to a suitable electrical supply is the responsibility of the customer. The customer must also supply any forklift trucks or cranes that might be needed for installations.

Where engineers are required for installation and operator training please note that charges for their visa will be applied at cost.

CASH TERMS: 1/3rd deposit with order; balance on notification that the machine is ready for shipment.

A pre-delivery inspection of the equipment, or a film of the equipment running, can be arranged prior to payment of the second stage.

CCTV INSPECTION: We are happy to provide this customer with direct access to our network of CCTV cameras once build commences i.e., allowing them to track progress of the equipment in production from day one through to completion.

GUARANTEE: Based on an 8 hour, 5 day working week Col-Tec provide warranty cover upto 12 months for all parts subject to fair wear and tear. It is important to follow the oiling and maintenance procedures listed in the operator's manual to maintain the validity of the warranty.

GENERAL NOTES: The above prices for Col-Tec equipment are subject to the machine remaining unsold. Col-Tec will make their best endeavours to complete manufacture of the product by the estimated completion date but this date is not guaranteed.

Col-Tec (Solutions) Limited does not accept any responsibility for damage or loss directly or indirectly due to any type of problem caused by loss of production.