



Z:\doc\Col-Tec\Quotes\ 23\xxxx\xxQ23

Date

**For the attention of: Name**  
**Company, Town, Country**

### **REFURBISHED SUCTION FEED COLLATOR**

#### **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 require 2 or 3 frames.
- SHEET SIZES:** Maximum: 45cm x 35cm Minimum: 13cm x 20cm (smaller by special request).
- RANGE OF STOCK:** 20 - 800 g/m<sup>2</sup> on all types of folded sections and flat sheet material.
- DRIVE:** Heavy duty cams at each end of the machine frame drive by a motor gearbox driven shaft.
- 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 section from the lower section.
- VACUUM AND BLOW:** This is provided using integral pumps and is controlled using purpose built valves.
- MAXIMUM SPEED:** Set between 2,000 and 2,200 cycles per hour depending upon final specification (The actual production output is dependent on the size, paper quality, thickness and conditions of stocks). The collator is easily loaded on the run on ALL stations thereby giving high "on the floor" production.

PILE FEEDERS: Feed stations are at a comfortable height for operators and simple but powerful magnetic stops keep the material in position. The depth of each feed station will be supplied at approx. 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.

CONVEYOR: A reciprocating stepped conveyor will automatically jog/register the sheets during collation.

ELECTRO-MECHANICAL DETECTOR SYSTEM: Miss detection on each station with double detector on exit.

COUNTERS: Totalising and re-settable counters fitted as standard.

ELECTRICAL: 380/440 Volts, 3 Phase, 50 Hz with Neutral and Earth. Alternative electrical specifications can be supplied on request.

EX WORKS PRICE:

10/20-Station SRA3/A4 Portrait Collator	...	...	£
Jogger with adjustable height, tilt and vibration	...	...	£
Criss Cross Jogger Mechanism	...	...	£

DELIVERY: Approximately 6 - 8 weeks from receipt of confirmed order and deposit.

WARRANTY: 12 months warranty for all mechanical and electrical parts subject to fair wear and tear. Any faulty parts must be returned for investigation.

CASH TERMS: 30% deposit with order, balance due on notification machine is ready for delivery. A pre-delivery inspection of the equipment can be arranged prior to payment of the balance.

GUARANTEE: Based on an 8 hour, 5 day working week we provide warranty cover for all parts up to 12 months 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 equipment are valid subject to the machinery remaining unsold. We will make our best endeavours to complete manufacture of the product by the estimated completion date but this date is not guaranteed.

We do not accept any responsibility for damage or loss directly or indirectly due to any type of problem caused by loss of production.