

About Vision Experts

Vision Experts GmbH is a specialist in comprehensive inspection in the production of premium-quality print products over the entire production process. The systems in their VE 4000+ family are used exclusively for 100% inspection of print and finishing processes in the graphic industry with over 400 installations performing 100% print image inspection in 30 countries.



Pratham
TECHNOLOGIES PVT. LTD.
World Class From India

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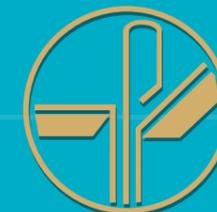


Due to the policy of continual improvement, we reserve the right to alter the above specifications without prior notice.

SUPERSORT

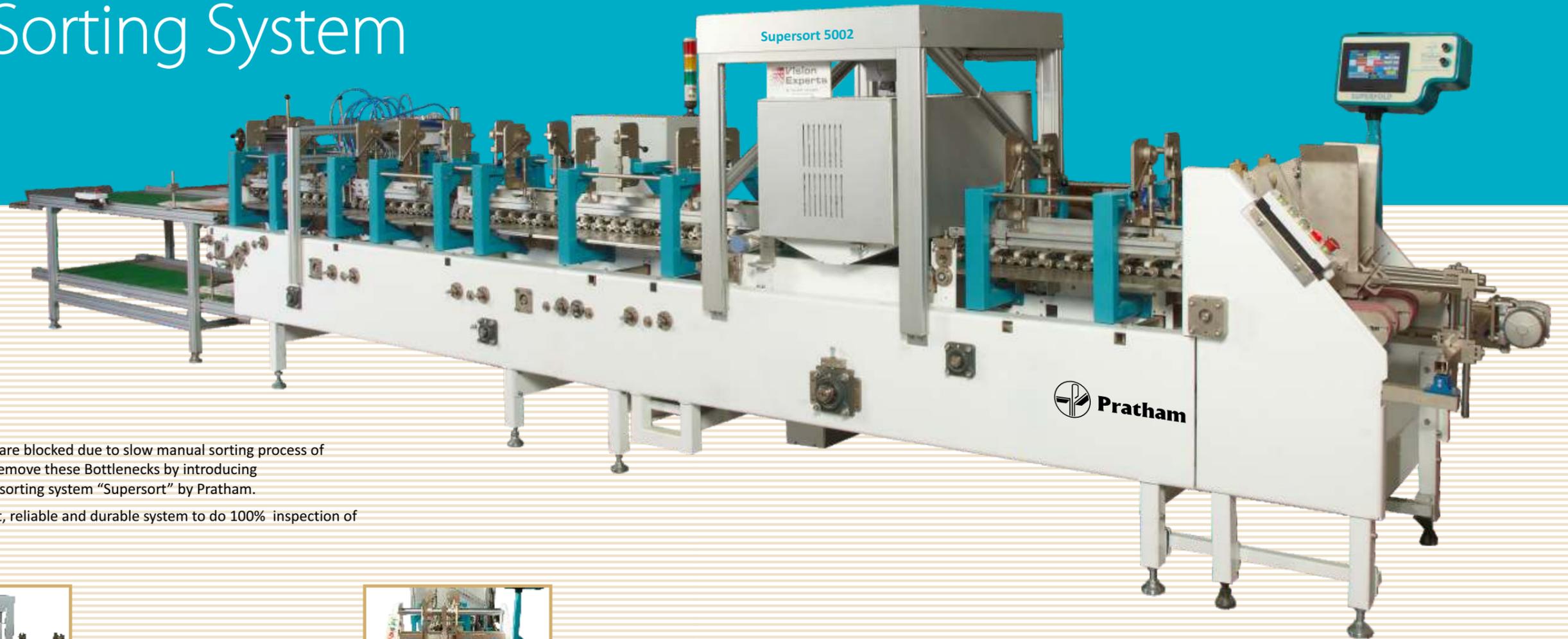
Carton Sorting System

In Technical Collaboration with



Pratham
TECHNOLOGIES PVT. LTD.
World Class From India

Carton Sorting System



SUPERSORT

Large inventories are blocked due to slow manual sorting process of folding cartons. Remove these Bottlenecks by introducing automatic carton sorting system "Supersort" by Pratham.

"Supersort" is fast, reliable and durable system to do 100% inspection of folding cartons.



Inspection Section



User Display



Ejection System



Feeder



Stacker



Surface injuries



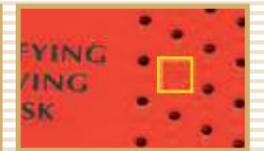
Text flaw



Mottles



Hickey



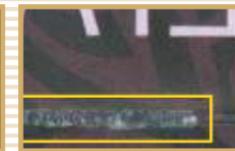
Foil stamping defect



Colour defect



Scratches



Folding damages

Key Features :

- Quick set up time
- Double sheet detector
- User friendly software and displays
- Higher output at same conveyor speed due to specially designed air ejector system. Increases efficiency of the system
- Specially designed illumination system on fluorescent light technology. It's more reliable, easier and less expensive to maintain
- Sturdy and reliable carton feeder
- Vibration free, smooth conveying system for better reliability of inspection results
- Logging of defects for analysis
- Sensitivity correction even during inspection
- Tolerates production related variation
- Comprehensive production & quality reports

Supersort : Specifications

Supersort 5002

One camera for face inspection and one for reverse inspection

Product size max:	500 mm (width) x 500 mm (length)
Product size min:	80 mm (width) x 100 mm (length)
Camera Resolution:	0.11mm
Speed:	200 m/min
Dimensions:	Approx 8500 (L) x 1350 (W) x 2000(H) (Dimensions in mm)
Weight:	2500 kg
Total Power:	11 kw (15Hp)

Supersort 5003 system

with 3rd camera on face side for inspection of defects in special operations like embossing, lamination, UV coating, etc.