YUPEK SOLUTIONS

SMART COUNTING STRONGER OPERATIONS

BLACK KNIGHT

AI COUNTING MACHINE

Fast, Accurate counting for corrugated board and other stacked sheet materials.



< 10 sec
Typical scan time

2,200 mm
Maximum stack height

2-3 days
Operation per full charge

Designed for reliable factory counting

Linux-based AI technology ensures accurate counting despite lighting changes, vibration, uneven corrugation, and imperfect stacking.

Core Capabilities

AI Recognition
Accurately counts E and F flute profiles.

One touch scan
Touchscreen operation with automatic results.

ERP/WMS Ready
Uploads count data to connected systems.

Full Traceability
Stores scan history and prints labels.

Dimensions
2600 × 650 × 390 mm

Accuracy
Up to 100%

Weight
52 kg

Power
24V / 30Ah / 720Wh

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COUNT SMARTER BUILD FURTHER

Built for the full material flow

Count materials at receiving, inventory, or shipping with assisted or unmanned operation.

COUNT
TRACK
CONTROL
FLOW FORWARD



Two Operating Versions

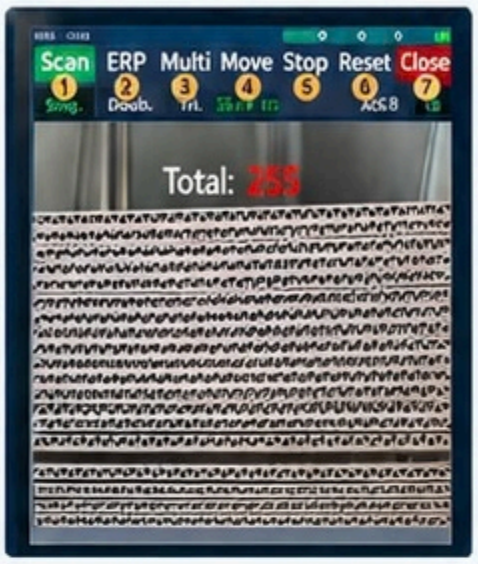
Standard

Mobile touchscreen model with printer and battery.

Unmanned

Compact automatic model for logistics lines.

Smart Software



- AI detection and counting
- Camera control and reset
- ERP scan and upload
- History and label printing

Where it adds control

FROM RECEIVING TO SHIPPING



1) Warehousing

Count Pallets & Record Accurate Quantities



2) Inventory

Verify Stock & Update Records Automatically

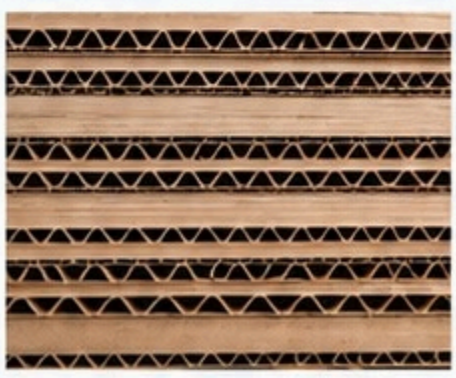


3) Shipping

Confirm Quantity Before Loading

Supported Materials

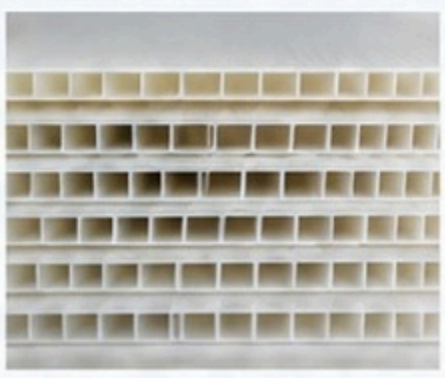
ACCURATE COUNTING FOR A WIDE RANGE OF SHEET MATERIALS



Corrugated board



Honeycomb board



Hollow board

Also configurable for

Density Board | Fiberboard | Steel Plate | Other Sheet Materials

System Integration

ERP / WMS connectivity supports automated count uploads and inbound/outbound order tracking. Cluster management can monitor multiple machines from one control point.