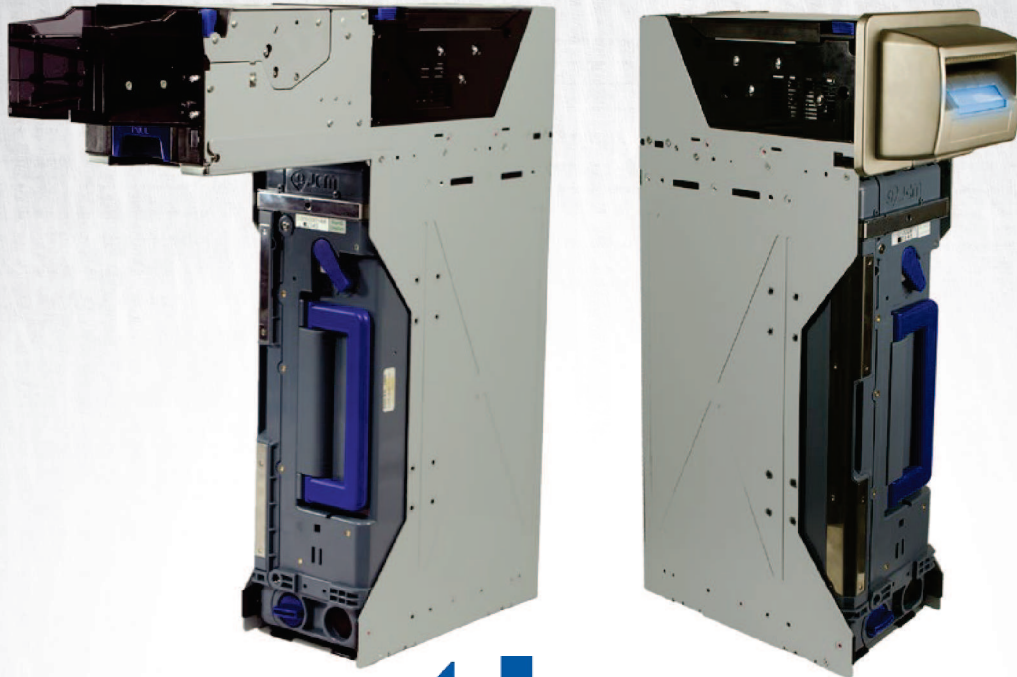


BETTER. SMARTER. FASTER.™



tbov[™]
TRANSACTIONAL BILL VALIDATOR

JCM Global's TBV™ is the better, smarter, faster solution for single note and bulk note transactions. At processing speeds of 1.7 seconds for fixed width notes, TBV is the fastest in its class, and its proven advanced technology provides the highest level of counterfeit detection. It is perfect for self-pay kiosk operations, retail safes, ticketing/transit operations, automated deposit systems and banking operations.

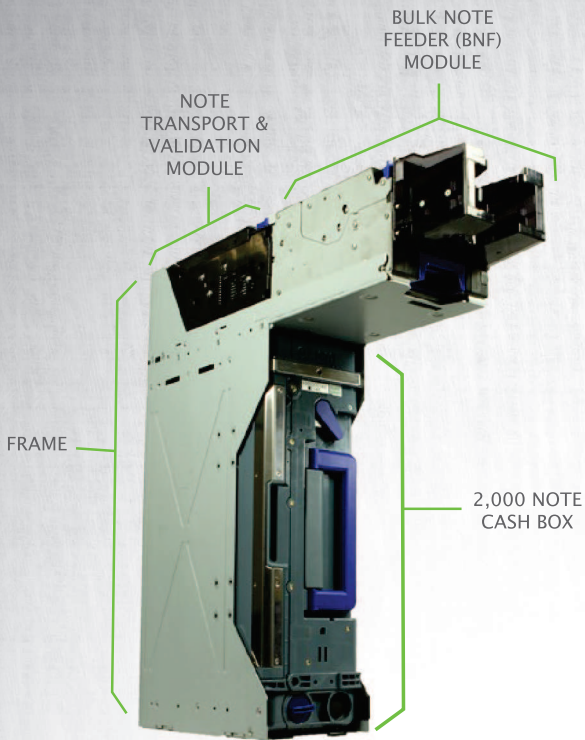
FEATURES

- Single note & bulk note applications
- Bulk note feeder accepts up to 50 notes
- Double-locking cash box
- Wide bezel opening
- Impact resistant & easily accessible 2,000 note cash box
- Bulk Note Feeder (BNF) processes notes from the bottom of the stack
- Simultaneously accepts multiple denominations & currencies
- Dirt & liquid resistant sealed bill path
- Intelligent Cash Box (ICB®)
- Self-centering mechanism

BENEFITS

- One device for multiple uses
- Quick processing of large stacks of notes
- Adds extra layer of security
- Easy entry of notes from 60mm to 85mm
- Increases cash handling security & reduces cash handling time
- Allows additional notes to be added on top of deposits in process
- No need to sort banknotes prior to insertion
- Keeps dirt & moisture out, maintaining a high acceptance rate & lowering maintenance
- Reduces accounting variances & tracks asset number
- Allows acceptance of most of the world currencies





BANKNOTES ACCEPTED

- Width: 60 – 85mm
- Length: 110 – 170mm

NOTE-TO-NOTE PROCESSING SPEED

- Approx. 1.7 sec, fixed width
- Approx. 2.0 sec, variable width

NO. OF BANKNOTE TYPES SUPPORTED

- 100 banknote types in 4 ways

ACCEPTANCE RATE

- 98% or higher

CASH BOX CAPACITY

- 2,000 for new notes

POWER SUPPLY

- 24VDC +/- 5%

POWER CONSUMPTION

- Idling: 0.2A
- In Operation: 2.0A
- Peak: 5.3A (max 3.3A for 3 sec)

INTERFACE

- Photo-coupler (ID003), RS232 (ID003), USB 2.0, ccTalk

SOFTWARE DOWNLOAD

- Through USB port
- Download tool available

OPERATION TEMPERATURE

- -15 to 60 °C (5 to 140 °F) without BNF
- 5 to 50 °C (41 to 122 °F) with BNF

INSTALLATION

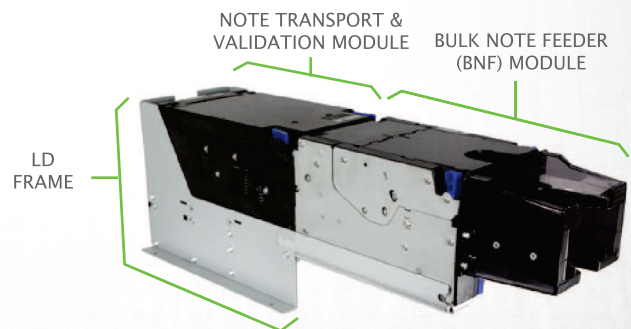
- Indoors and Outdoors

DIMENSIONS (HxWxD)

- With BNF
475.8x114x468.9mm (18.73x4.49x18.46")
- With Shutter Bezel
483.5x140x289.17mm (19.04x5.51x11.38")

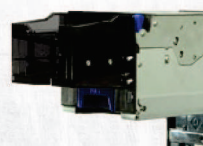
OPTIONS

- Standard plastic single note bezel
- Metal single note shutter bezel
- LD frame (stackerless frame w/o cash box)
- Intelligent Cash Box (ICB®)



TBV LD

No cash box option (stackerless)



BULK NOTE FEEDER (BNF)



SINGLE NOTE STANDARD BEZEL (FIXED WIDTH ONLY)



SINGLE NOTE SHUTTER BEZEL



YOUR IDEAS, OUR NEXT CHALLENGE

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