PRODUCT INFO

ERO-BR
BRAILLE SYSTEM

The **BRAILLE SYSTEM** will be provided of the following main items:

12" TOUCH SCREEN

All the Braille detection systems are monitored and driven by a 12" Touch screen. Inside an electrical cabin is installed a data analyser, an encoder frequency divisor and a stroboscopic illuminator.

CONTROL STATION

Black & White camera 640X480 pixels resolution, 60 frames/second.
32 high efficiency leds stroboscopic camera illuminator.
Right side stainless steel support for camera and illuminator OR left side stainless steel support for camera and illuminator.
illuminator driver.
Encoder divider.
Extractor/kicker/marker driver.
Low noise and extra shielded 4 meters camera cable.
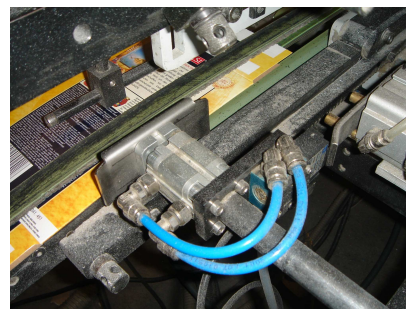4 meters illuminator cable.

WORKING PRICIPLE: A well Braille box must be run under the glue detection camera, and through an auto-learning system, the device takes a picture of this good *sample*. This *sample* is a box with a correct Braille written accepted by the operator. The picture of this Braille box will be memorized and constantly compared by the system to all other boxes which run through the machine. The Braille box acquired through the auto-learning system will be the *sample* to which all other boxes must be compared. If other boxes which run through the machine are not the same as the accepted *sample*, the system will recognise these different boxes as faulty. This means the written in Braille must be exactly the same on each produced box. After the recognition of faulty boxes the Braille detection system is able to mark, kick or extract them using specific devices.

OPTIONAL

ALL THE DRIVER TO DRIVE THE FOLLOWING OPTIONAL ARE INCLUDED IN THE 12" TOUCH SCREEN AS STANDARD

Extractor

Kicker

Marker and its gun GTE-10

The above pictures show specific devices for extracting, kicking or marking faulty boxes recognized by the Braille detection system. The extractor, kicker and marker can be installed as optional devices together with the Braille detection system or at another time when convenient. The drivers for these 3 devices are already installed in the touch screen as is the automatic shut-down of the machine or its feeder when a consecutive number of faulty boxes previously programmed into the touch screen is detected by the machine.

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