# WOOD CHIP CLASSIFIER CC-40 model

For a quick and reproducible and analysis of wood chips

**TECHLAB**SYSTEMS

# WOOD CHIP CLASSIFIER CC-40 model

## APPLICABLE STANDARDS

**TAPPI UM 21 - SCAN CM 40 - SCAN CM 47**

## DEVICE DESCRIPTION

The CC-40 Chip Classifier is made from a sturdy heavy metal base, with motor and control panel and integrated timer. A sieve set is mounted onto a moveable base plate, which is driven by a strong motor. The single trays are set on top of each other and clamped together with a quick clamping device. The movement is 120 mm and the revolving speed is 160 cycles per minute.

## PROCESS DESCRIPTION

The dried wood chips are put into the top tray with help of a basket tray. Then, press the start button to begin the sorting process. An eccentric attached to the motor moves the shaking plate continuously back and forth and the wood chips are sorted according to the size, whereby the largest parts remain in the top sieve and the dust collects in the bottom tray. The chip classifier stops automatically after the set time has elapsed and the trays can be taken off separately for weighing and calculating the individual fractions. We recommend using a precision balance and a moisture meter together with the chip classifier

## TRAYS CONFIGURATION ACCORDING TO STANDARDS:

| | |
|---|---|
| SCAN CM 40:01 | - Tray with round holes 45 mm Ø<br>- Tray with 8 mm bar/slot sieve<br>- Tray with round holes 13 mm Ø<br>- Tray with round holes 7 mm Ø<br>- Tray with round holes 3 mm Ø<br>- Tray/container for collecting fines |
| TAPPI UM 21 | - Tray with round holes 45 mm Ø<br>- Tray with 8 mm bar/slot sieve<br>- Tray with round holes 7 mm Ø<br>- Tray with round holes 3 mm Ø<br>- Tray/container for collecting fines |
| SCAN CM 47:92 | - Tray with 10 mm bar/slot sieve<br>- Tray with 8 mm bar/slot sieve<br>- Tray with 6 mm bar/slot sieve<br>- Tray with 4 mm bar/slot sieve<br>- Tray with 2 mm bar/slot sieve<br>- Tray/container for collecting fines |

\* Other classification trays are available according to needs (see table below)

- **Chip quality optimization tool**
- **Improved pulp quality**
- **Screening optimization tool**

**Control Panel Box (wall mount)**

**POWER SUPPLY:** 380V AV  (3 phase), 50Hz  or  220V AV  (3 phase), 60Hz

**EQUIPMENT DIMENSIONS:** 1600 x 850 x 1400 mm (W x D x H)

**NET WEIGHT:** 293 Kg

**TRANSPORT PACKAGING DIMENSIONS:** 1800 x 950 x 1600 mm (W x D x H)

**GROSS WEIGHT:** 400 Kg (Wood packaging with phytosanitary treatment)