

Chip Classifier

Code: P.100.xxx

Usage

For quick and reproducible sorting of wood chips into classes.

Applicable standards

- SCAN CM 40:01
- TAPPI UM 21
- SCAN CM 47:92



wall mounted
control box



Set of sieve trays



Quick fastening/ release system

Device description

The 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, made of premium lightweight aluminum, 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. When the start button is used, the sorting process begins. An eccentric attached to the motor moves the shaking plate continuously back and forth and the wood chips are sorted according to 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. *PTE Austria* recommends to order the appropriate balance (code: D.903.500) and moisture meter (code: A.904.450) together with the chip classifier.

Connections

- Electricity: 400 V, 50 Hz AC
(other voltages on request possible)

Parameters

| | Dimensions | Weight |
|-------|----------------------|--------|
| Net | 1600 x 850 x 1400 mm | 293 kg |
| Gross | 1800 x 950 x 1600 mm | 400 kg |

Available models

| Code | Device |
|----------------------|--|
| P.100.SCAN 4001 | Device with sieve set acc. SCAN CM 40:01 (see P.100.Z1) |
| P.100.TAPPI UM21 | Device with sieve set acc. TAPPI UM 21 (see P.100.Z2) |
| P.100.SCAN 4792 | Device with sieve set acc. SCAN CM 47:92 (see P.100.Z3) |
| Available sieve sets | |
| P.100.Z1 | acc. SCAN CM 40:01 |
| | <ul style="list-style-type: none"> 45 mm round holes 8 mm bar sieve 13 mm round holes 7 mm round holes 3 mm round holes fines tray/pan |
| P.100.Z2 | acc. TAPPI UM 21 |
| | <ul style="list-style-type: none"> 45 mm round holes 8 mm bar/slot 7 mm round holes 3 mm round holes fines tray/pan |
| P.100.Z3 | acc. SCAN CM 47:92 |
| | <ul style="list-style-type: none"> 10 mm bar/slot 8 mm bar/slot 6 mm bar/slot 4 mm bar/slot 2 mm bar/slot fines tray/pan |

For more information about customized solutions do not hesitate to contact your personal distributor or *PTE Austria* directly.