

Au - 2013 Wood Chip Classifier



For rapid, reproducible and accurate classification of wood chips in respect to size and thickness by using standard size screening trays mounted on a shaking mechanism with specified frequency.

A weighted quantity of the sample put in the upper screening tray with chips and fractionated through different diameters and slot screens. The structure is shaken in horizontal plain with specified frequency. The fractionated chips collected from each screen are weighted and the contents from each screen can be calculated in percentage.

SPECIFICATIONS

Sample size	: 8 - 10 litres.
Recommended dry content	: 40 - 70%.
Screening time	: 10 minutes (Wet chips samples to be dried for 1-2 hrs before screening)
Screening trays	: Made of aluminium, (Shaken in horizontal plane by means of an eccentric gear)
Shaking frequency	: 2.7 Hz.
Stroke	: Stroke 120 mm.

Recommended Standard Screen: (From Top)

No. 1 With 45 mm Dia Hole and triangular pitch 60 mm.

No. 2 With 8 mm wide slots

No. 3 With 7 mm dia holes and triangular pitch 8.5 mm

No. 4 With 3 mm dia holes and triangular pitch 8 mm

No. 5 Dust Pan

Rugged Steel stand with guard rail.

i. Other size hole diameters and slot width.

ii. Other power supplies.

Ref. Stanard: TAPPI UM 21, SCAN CM 40