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JAPANESE INDUSTRIAL STANDARD

**Veneer slicers —
Test and inspection methods**

JIS B 6599—1991

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Venner slicers - Test and inspection methods

B 6599-1991

1. Scope

This Japanese Industrial Standard specifies the test methods relating to functions and running performances as well as the inspection methods on static accuracy and machining accuracy of the slicers of which lengths of tool mounting face are 1200 mm or over to 6000 mm or under and of which strokes are 750 mm or over to 2200 mm or under.

Remarks 1. The slicer means the machine which manufactures the veneers of the prescribed thickness by reciprocating motion of a cutting tool or flitch to cut (See JIS B 0114).

2. The applicable standards to this Standard are as given in the following:

JIS B 0114-Glossary of terms for wood working machinery

JIS B 6507-General code of safety for wood working machinery

JIS B 6521-Methods of measurement for noise emitted by wood working machinery

3. The units and numerical values given in { } in the Standard are based on the traditional metric units and are appended for informative reference.

2. Functional test methods

The function tests of the slicer shall be in accordance with Table 1.

Table 1. Functional tests

No.	Test item	Test method
1	Electrical equipment	Before and after the running test, examine the insulation conditions once each.
2	Start, stop and running operation of planer table or flitch table	At an appropriate speed, carry out start and stop of the planer table or flitch table repeatedly 10 times to examine the smoothness and reliability of actions.
3	Changing operation of speed of planer table or flitch table	Examine the smoothness of actions and reliability of indications of the operating device.
4	Lifting and lowering operation of flitch table	Lift and lower the flitch table to examine the smoothness and uniformity of actions over total length of movement.
5	Mounting and dismounting of tool and nose bar	Examine the smoothness and reliability of mounting and dismounting of the cutting tool and nose bar and the clamping of the clamping screw.
6	Mounting and dismounting of workpiece	Examine the smoothness and reliability of the mounting and dismounting of the workpiece and the clamping of the clamping screw.
7	Sheeting operation	Examine the smoothness and reliability of the function.
8	Cutting tool sliding device	Examine the smoothness and reliability of the function.
9	Carrying out device of veneers	Examine the smoothness and reliability of the function.
10	Safety device	Examine the reliability of the safety function for workers and machine protective function (See B 6507).
11	Lubrication device	Examine the reliability of functions such as oiltightness and proper distribution of oil quantity.
12	Oil hydraulic device	Examine the reliability of functions such as oil-tightness and pressure regulation.
13	Pneumatic device	Examine the reliability of functions such as air-tightness and pressure regulation.
14	Accessories	Examine the reliability of functions.

Remarks: For the slicer which is not provided with the said function, the test item corresponding to this in Table 1 shall be omitted.