

B27M

WORKING OF WOOD NOT PROVIDED FOR IN SUBCLASSES [B27B](#) - [B27L](#); MANUFACTURE OF SPECIFIC WOODEN ARTICLES

B27M 1/00

Working of wood not provided for in subclasses [B27B](#) - [B27L](#), e.g. by stretching

Definition statement

This place covers:

Stretching wood, breaking or snapping wood, stress relief, cutting and slicing (machines for cutting up wood by knife action without following the grain).

Relationships with other classification places

This group is for the classification of woodworking techniques/treatments/machines not already provided for in subclasses [B27B](#) - [B27L](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Solid material comminution or disintegration, for apparatuses for reducing wood to non-shaped particles	B02C 18/00
Riving blades	B27G 19/08

B27M 1/003

{Mechanical surface treatment}

Definition statement

This place covers:

Mechanical surface treatment including cutting or shaping particularly of plural discrete diverse cutting operations, the operations including slicing, slitting, chipping, planing sanding etc. Particularly for producing an aged or antique look to the worked surface.

B27M 1/006

{for preparation of impregnation by deep incising}

Definition statement

This place covers:

Machines for preparatory processing by incisions in wood prior to impregnation, includes log punching (machines intended to pierce radially through a log).

B27M 1/02**by compressing****Definition statement**

This place covers:

Shaping by applying pressure.

B27M 1/04**by punching out****Definition statement**

This place covers:

Machines including a cutter for cutting out pieces or simply cutting holes by mere punching action.

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

For punching out defects.	B27G 1/00
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B27M 1/06**by burning or charring, e.g. cutting with hot wire (as surface treatment [B44B](#) {cutting synthetic materials with heated tools [B26F 3/06](#) - [B26F 3/12](#)})****Definition statement**

This place covers:

Processes including applying heat to the tool or wooden part.

References**Limiting references**

This place does not cover:

Cutting synthetic materials with heating tools	B26F 3/06 , B26F 3/12
As surface treatment	B44B

B27M 1/08**by multi-step processes****Definition statement**

This place covers:

Machines for carrying out a number of different machining steps, usually taking place in sequence along a workpiece or machine tool transfer direction.

Machines including a first structure for performing an operation of this class on a workpiece and including a second structure for performing a second, distinct, operation on the same or a second workpiece.

B27M 3/00

Manufacture or reconditioning of specific semi-finished or finished articles (features of copying devices [B23Q](#); manufacture of plywood or veneer, shaping plywood or veneer into articles [B27D](#); of central layers for plywood [B27D 1/06](#); nailing or stapling machines in general [B27F 7/00](#); of elements for cooperage or wheel making [B27H](#) {presses therefor [B27D 3/00](#)})

References

Limiting references

This place does not cover:

Features of copying devices	B23Q
Manufacture of plywood or veneer, shaping plywood or veneer into articles	B27D
Of central layers for plywood	B27D 1/06
Presses therefor	B27D 3/00
Nailing or stapling machines in general	B27F 7/00
Of elements for cooperage or wheel making	B27H

B27M 3/0013

{of composite or compound articles (working veneer or plywood [B27D](#))}

Definition statement

This place covers:

The manufacture of assembled wooden elements (side by side, end to end or both, corner jointing etc.) Products per se are in the product groups where they exist.

References

Limiting references

This place does not cover:

Working veneer or plywood	B27D
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B27M 3/18

of furniture {or of doors ([B27D 5/003](#) takes precedence)}

Definition statement

This place covers:

The manufacture of assembled wooden elements to form furniture, doors, window frames, blinds, sills or drawers. Furniture or frame presses (frame presses also in [B27M 3/0013](#)). Products per se are in the product groups.

Relationships with other classification places

For the classification of doors, [B27D 5/003](#) takes precedence.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Frame presses	B27M 3/0013
Clamps for window frames	B25B 5/142