

Stairs

Wooden stairs from ATAB Trappan



Quality Stairs that
will Last a Lifetime

Stairs of style and class
built on a long tradition of craftsmanship

A source of ideas
and *inspiration* when choosing your
stairs

Stairs of style and class built on a long tradition of craftsmanship

Welcome

... to ATAB Trappan and the brochure which provides you with suggestions and ideas to help you choose your stair. *Whether you are changing your interior or building from scratch.*

Consider your stair as an extension of the architecture of the house – and be daring! Your choice of design, colour and wood will be rewarded with many admiring comments about good taste and imagination.

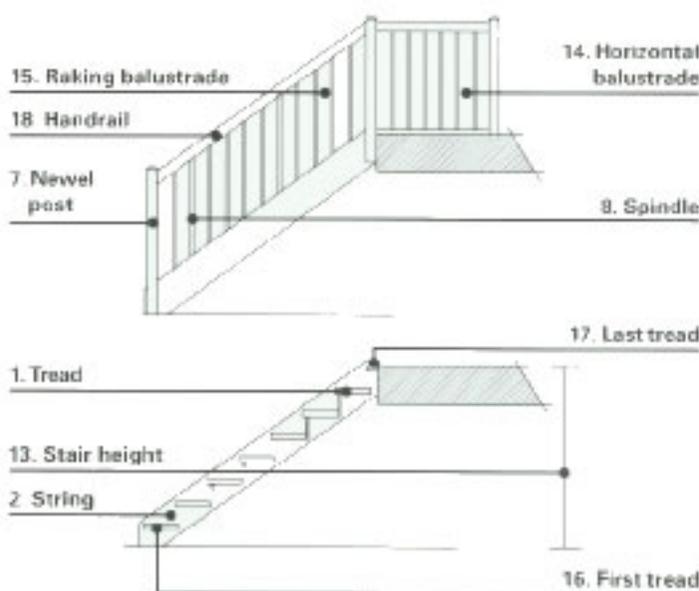
We ensure that the stair meets your high requirements and expectations, and we can always find the best solutions for all needs. *ATAB stairs do not come ready-made from stock. We start making your stair as soon as you entrust us with the task. Regardless of which stair you choose, there are no limits on dimensions and angles. All our stair range and designs are simple to assemble.*

We hope this brochure will *inspire, guide and open up many different options* for your choice of stair. Consider the brochure as a source of ideas and make use of all the possibilities provided by ATAB Trappan.



Glossary

1. **Tread** – the part which you walk on
2. **String** – the side pieces of the stair
3. **Riser** – the vertical piece of wood between treads in a closed stair
4. **Bullnose** – the first tread is made wider than the string
5. **Stepped tread** – tread which sits on top of the string
6. **Landing** – a platform between flights of stairs
7. **Newel post** – at the beginning/end or the corner of the balustrade
8. **Spindle** – vertical wooden post which connects the handrail and the string and handrail and floor within horizontal balustrade
9. **Curved newel post** – handrail and string with slightly curved newel post
10. **Stairwell** – opening in floor for stair
11. **Flight of stairs** – straight section of stairs, e.g. a straight stair has one flight, a quarter-turned stair has two flights and a half-turned stair has three flights
12. **Right or left turned stair** – stair which turns to the right or left, as seen from below
13. **Stair height** – the total height of the stair from the lower finished floor to the upper finished floor
14. **Horizontal balustrade** – the horizontal guard rail around the top of the stair well
15. **Raking balustrade** – baluster which follows string
16. **First tread** – the lowest tread
17. **Last tread** – the upper tread, level with the floor
18. **Handrail** – support for hand



Quarter-turned stairs

Simple functional stairs.

Main picture shows a quarter-turned stair in varnished solid oak.

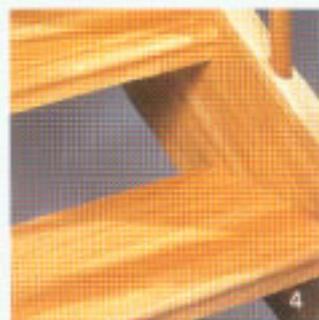




Newel post type L. Handrail no. 2 in oak varnished.



Newel post type D white. Handrail no. 2 in oak varnished.



Solid oak. Tread with profiled front edge.



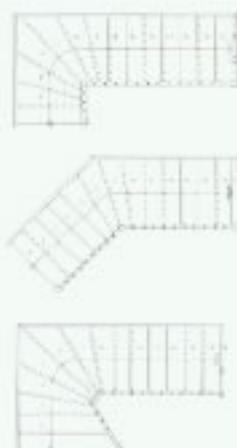
Solid ash varnished, spindle no. 9.



Treads/risers in solid beech varnished, strings in pine. Bullnosed tread with curved front edge.



Treads in solid merbau, white strings and spindle no. 4.



Oak stair with white strings. Bullnosed tread, newel post type A, white spindle no. 7, oak handrail.

QUARTER-TURNED STAIRS HAVE TWO HEIGHTS of stairs which are usually joined at a 90° angle to form an L shape. The shape makes the stairs fit well in a hall with one long and one short wall. **The turn can be cross cut or shaped into a smooth and attractive curve at the start or end of the stair.** A great type of stair and a good alternative to a straight stair in situations where space is limited.

Example of quarter-turned stair design.

Quarter-turned stairs

Stair design allows a great deal of flexibility. Main picture shows an open quarter-turned stair in antique-stained pine. Raking and horizontal balustrade.





10

Open quarter-turned stair in varnished pine and treads in beech. Newel post type G and spindle no. 11.



11

Open quarter-turned stair in varnished pine. Spindle no. 4 and newel type D.

Handrail no. 3 with mitre joint. Newel type B. Varnished ash.



12

Newel post type C, handrail no. 2, antique-stained pine.



14

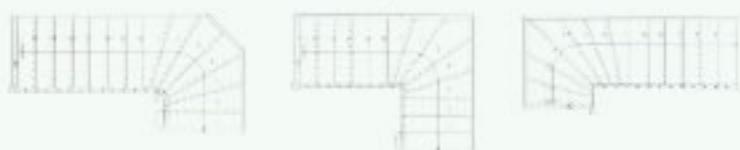


13

Horizontal balustrade in stained pine. Newel post type C, handrail no. 2.

A QUARTER-TURNED STAIR is quick and easy to assemble. It is a good option if there are walls on two sides and there is no restriction on where the 90° turn can be placed. **The shape of the stair allows flexibility** in design and dimensions.

Example of quarter-turned stair design.



Half-turned stairs

Half-turned stairs give a compact appearance.
Main picture shows an open half-turned stair in varnished pine.





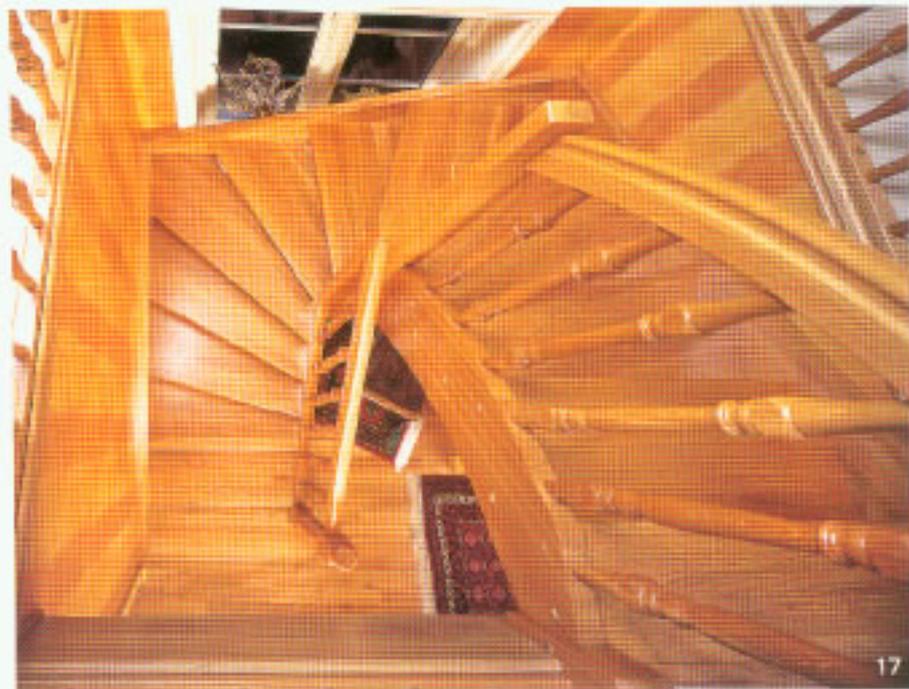
Treads in varnished pine. White-stained strings and balustrade. Spindle no. 12 and newel type B with fluted decorations.



Tread and string in yellow pine.



To mark the stair corners, stronger posts which are joined to the treads and strings are used.



Half-turned stair in solid oak varnished and spindle no. 11.



Solid ash treads mortised into a white corner post.



Open bullnosed tread, curved on both sides.



Open bullnosed tread curved on one side. The opposite side is placed against the wall.

THREE FLIGHTS OF STAIRS ARE JOINED TOGETHER, USUALLY AT 90° angles. Together, they form a U shape which turns through a full 180°. The half-turned stair is the most common choice where there are walls on three sides. The space required is minimal and the stair design gives a compact appearance.

Example of half-turned stair design.



Half-turned stairs

Half-turned stair requires minimal space. Main picture shows an open, varnished, solid beech stair. Upper flight is specially angled and widened. Raking balustrade with polished metal spindles drilled into a circular handrail.





Inner strings are interlinked, providing a stable, free-standing design.



Curved newel post with smooth rounded corners to achieve curving on the stair-corners.



Raking balustrade with a "floating handrail" which goes free from the spindles. Same design can be made against the string, the spindles are then drilled into a "floating piece of wood" which is distanced from the string. This is called "floating balustrade".

A triangular balustrade. Specially suitable when there is a small space between the string and the ceiling.



Example of a connection between raking balustrade and a wall post.



Horizontal balustrade round stairwell. Handrail no. 5 in varnished beech and spindles no. 14 (polished metal). Newel post type D.



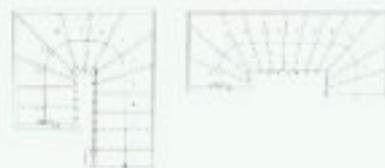
With stepped treads the spindles are drilled into the tread.



Treads smoothly curved around the corner achieved with curved newel post.

THIS STAIR CAN EASILY BE PLACED in the middle of a room and does not need to be symmetrical. It could, for example, have a long top flight and a short bottom flight.

Example of half-turned stair design.



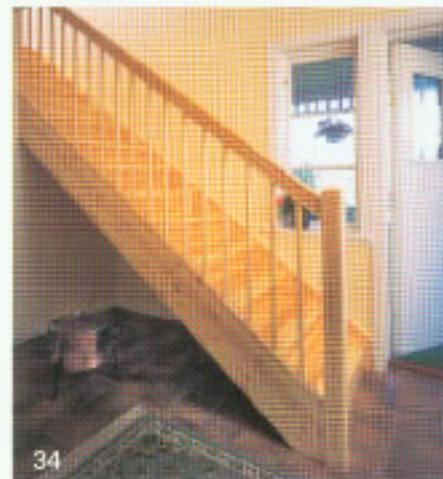
Straight stairs with or without landing

Landings increase comfort. Main picture shows stair with landing in solid beech stained. Treads and landing lined with carpet.





33 Half-turned stair with three-cornered integrated landing. Whole stair in antique-stained solid oak. Spindles no. 3, newel post type G.



34 Straight varnished pine stair with risers. Spindle no. 4, newel post type D.



35 Treads in pine, partly lined with carpet.



36 Stair with zero step, e.g. floor and first tread are at same level.

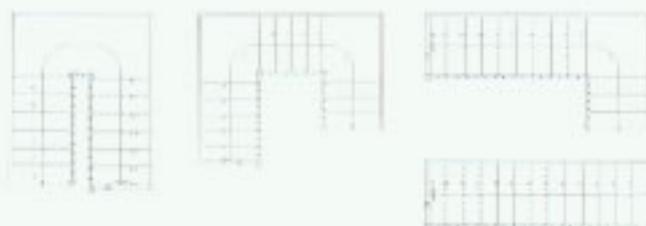


37 Connection of stair flight to landing. Strings integrated with landing sides.

A STRAIGHT STAIR, WITH OR WITHOUT A LANDING, is a good, effective solution if you have a normal or low storey height, a long stairwell and plenty of space. A straight stair is simpler to assemble without a landing. Stairs with landings are particularly **suitable for public places where the stair is used frequently.**

Landings increase comfort and can be placed anywhere. A kind of stair that is easy on the user.

Example of straight stair design with or without landing.



Design and personality...

ATAB TRAPPAN PROVIDES YOU WITH THE OPPORTUNITY TO COMBINE YOUR design and personality with our knowledge and long tradition of craftsmanship in building stairs. Each stair manufactured by ATAB is defined by your wishes – design, colour, choice of wood, choice of details, choice of finish...

The pictures show for example square and spiral stairs. Two types of stair which are used when options and space are limited. Space may be at a premium and angles and corners may be irregular. There are no limits on the design and these types of stair often solve complicated problems. Stairs with unusual solutions and exciting shapes. Design and personality come to the fore.



Quarter-turned, angled and widened base. Treads and handrail in beech. White strings, risers, spindles and newel post. Spindle no. 9 and post type D.



Square-turned stair in varnished beech. Bullnosed tread with curved front edge. Spindle no. 4, post type C.



Half-turned stair with landing. Extra thick treads. Whole stair in antique-stained solid oak.



Quarter-turned stair with blue-painted strings and balustrade. Treads are lined with carpet.



Straight flight of stairs with stepped treads in solid oak and white-painted strings. White spindles no. 14.



Seven-sided square-turned stair in pine. Varnished spindles no. 1 from string to ceiling.

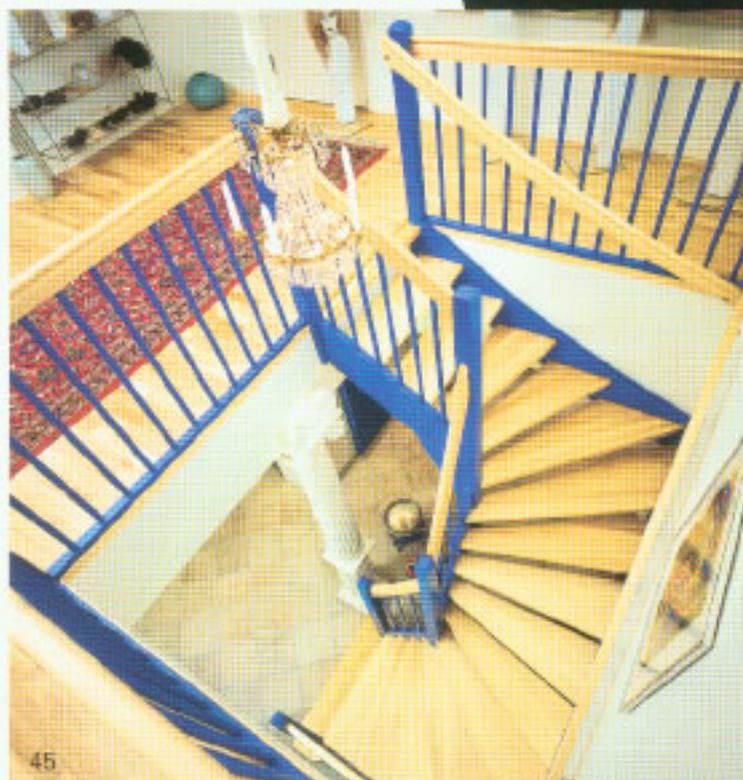
S-tuned stair with oiled beech treads and white-stained pine strings. Spindles no. 14 and post type D in oiled beech.



The stair often provides the first impression of your home. Design, colour and position should harmonise with the other fittings and the architecture.

Your stair is a personal item of furniture with a personal character. Important and central. An item of furniture which you have to live with for many years.

An ATAB stair provides you with extraordinary possibilities...

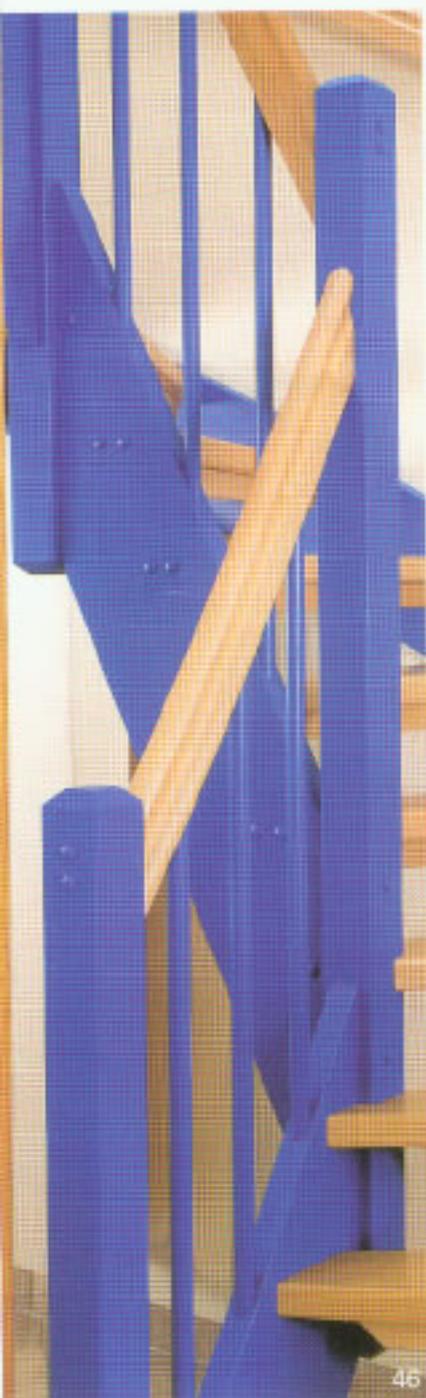


Half-turned stair with treads and handrail in varnished birch. Other parts in blue finish coat.

Combine and create...

REGARDLESS OF WHICH TYPE OF STAIR YOU CHOOSE, YOU HAVE ACCESS TO ALL ATAB TRAPPAN'S posts, spindles, handrails, woods and finishes. Paints and metals highlight and increase the beauty of the wood. A stair can be robust and traditional. It can also be graceful, modern and challenging...

ATAB Trappan is known for its expertise in combining painted surfaces with pure woods and metals. The pictures on these two pages show only a fraction of the almost endless combinations from which you can choose. We hope they will inspire you towards your own imaginative solutions, whether you are building a new house or changing your old stair.



47

String in antique-stained solid oak integrated into a white-washed wall.



48

Green-stained beech with smoked glass infill-panels.



49

Round handrail no. 5 in maple, black finishing coat.



52

White-painted MDF balustrade infill with black handrail.



54

Varnished birch combined with blue finishing coat.

Birch, finishing coat in blue.

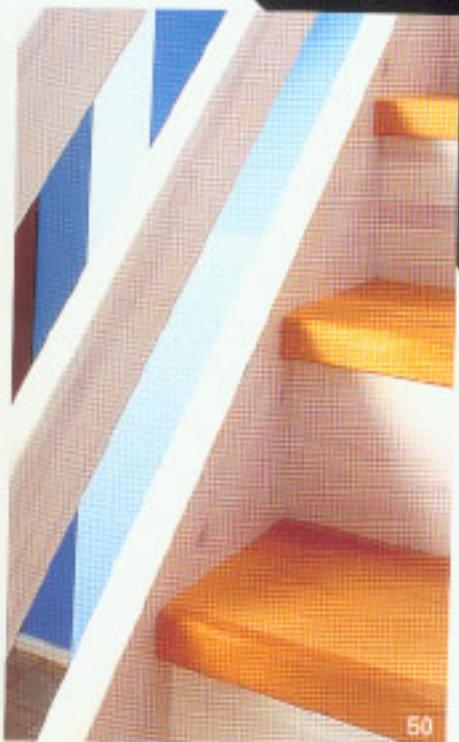
Stepped tread in solid maple, other parts in black finishing coat.

53





ATAB Trappan's special version of tenoned end of the treads. Tread ends are cut around which give very solid, quality connections between tread and string.



Oiled beech and white-stained pine.

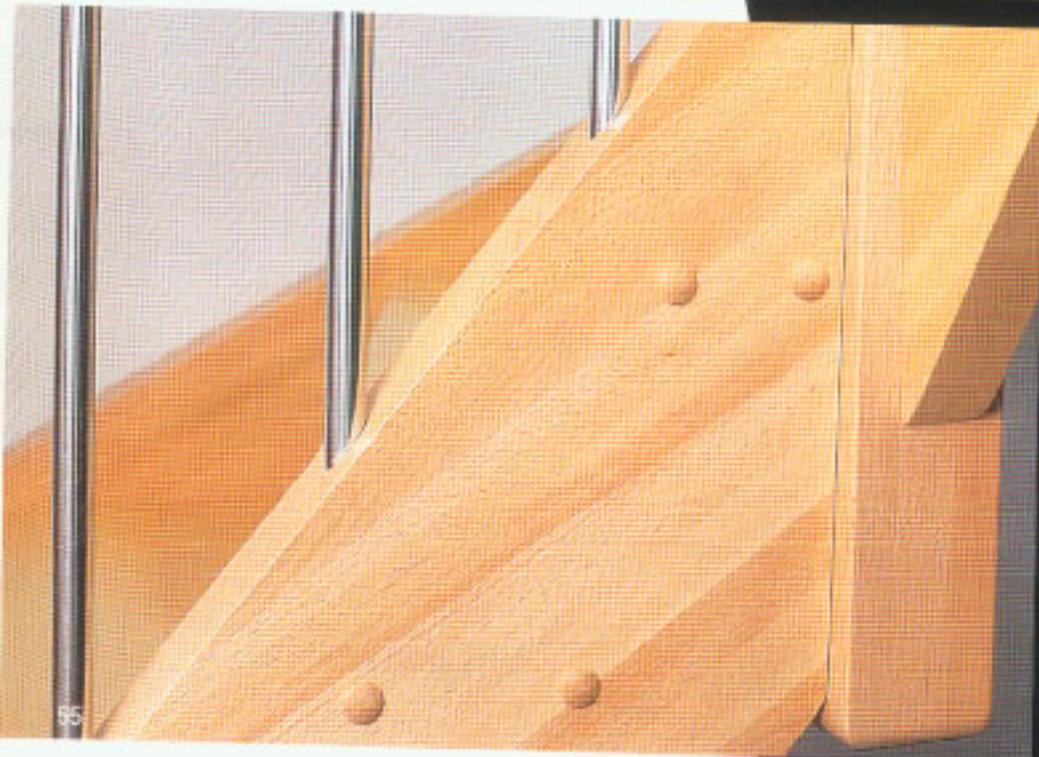
50

Tread and string in varnished beech with black spindle no. 4.



51

Beech combined with spindles of polished metal.

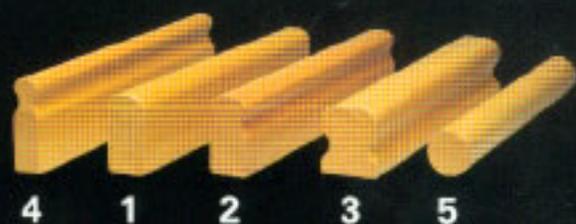


55

Set your imagination and creativity free. *Create your own stair.* Combine different woods, colours and finishes. *Do it yourself or with our help.*

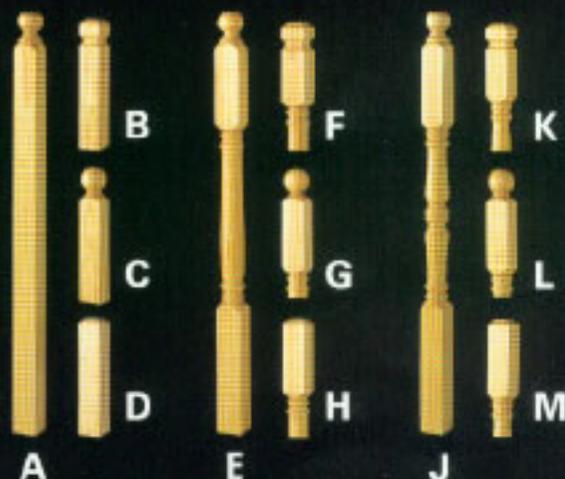
Our stair range provides you with amazing and almost endless possibilities which can take you to the limits of your creativity and imagination...

Handrails



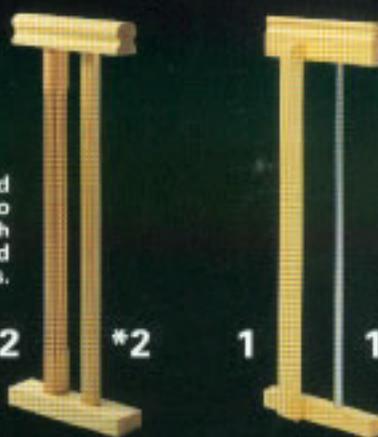
4 1 2 3 5

Posts



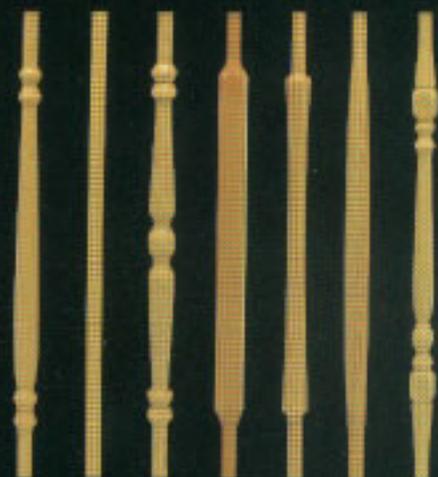
A B C D E F G H J K L M

Spindles

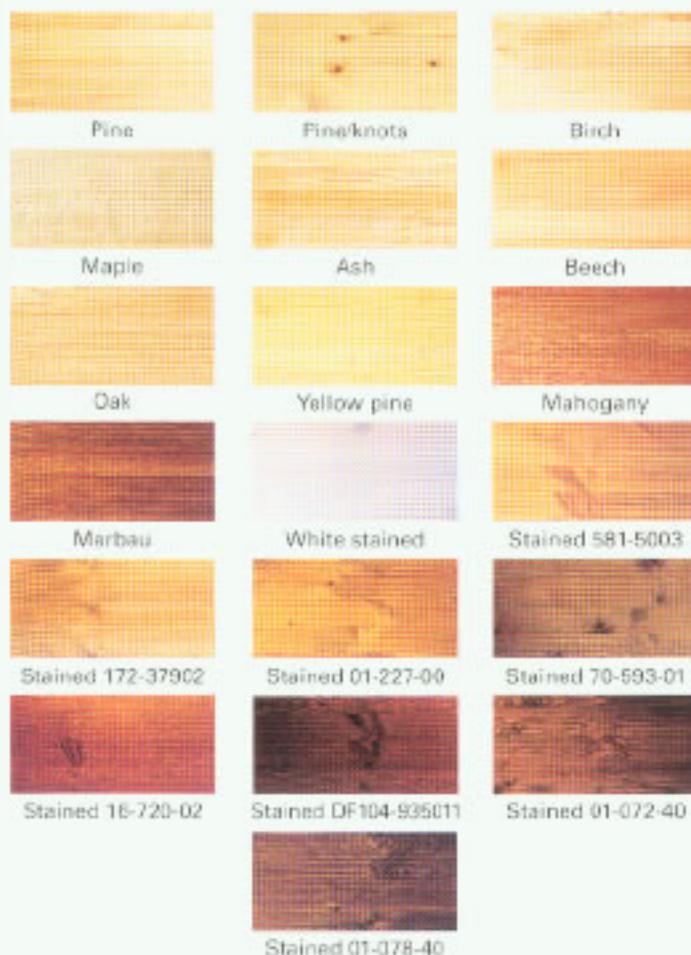


*12 *2 1 14

*No. 12 and no. 2 can also be done with fluted decorations.



3 4 7 8 9 10 11



The printed colour sample cards provide a guide to the colour and structure of the different kinds of wood. Contact one of our retailers for professional assistance in choosing a stair. They can provide you with professional guidance to assist you in your choice.

Kinds of wood

An ATAB stair uses only the highest quality wood which is sorted by colour. Only solid wood is used (with the exception of risers made of knot-free pine) in order to provide you with a durable and stable stair with quality which lasts a lifetime.

Available softwoods are pine and yellow pine. Available hardwoods are birch, ash, beech, oak, maple, mahogany and merbau.

All our woods originate from areas where replanting is guaranteed. Whole length of wood are glued together to form the timber used in our stairs.

Finishes

Choose between varnished, stained (glazed), painted, oiled or untreated. Regardless of which finish you choose, your ATAB stair will always have the best finish. If you require your wood stained (glazed) there are nine colours to choose from and you can also combine or mix these colours to obtain new shades. If you require a painted finish only knot-free surfaces are used.

