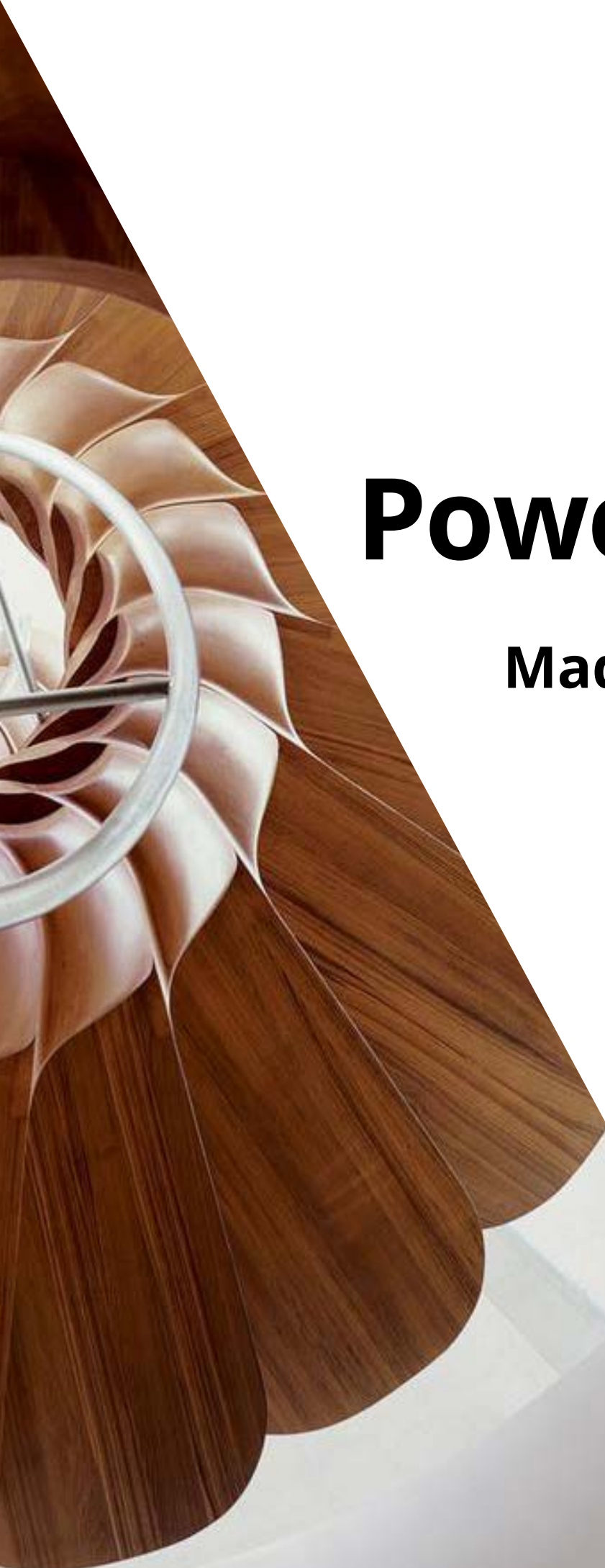




PowerSTAIRS

Made by experience



PowerSTAIRS

Production of standard and custom-made staircases

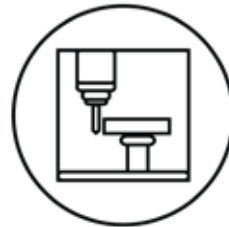
The software solution for the parametric design of standard and custom-made staircases.



**2D Parametric
& 3D**



Stairs



**Simulation and
Collision Detection**

Software levels

PowerSTAIRS Basic

The essential

PowerSTAIRS Standard

The most complete version

Optional modules

Modular structures

Up to 9 flights staircases

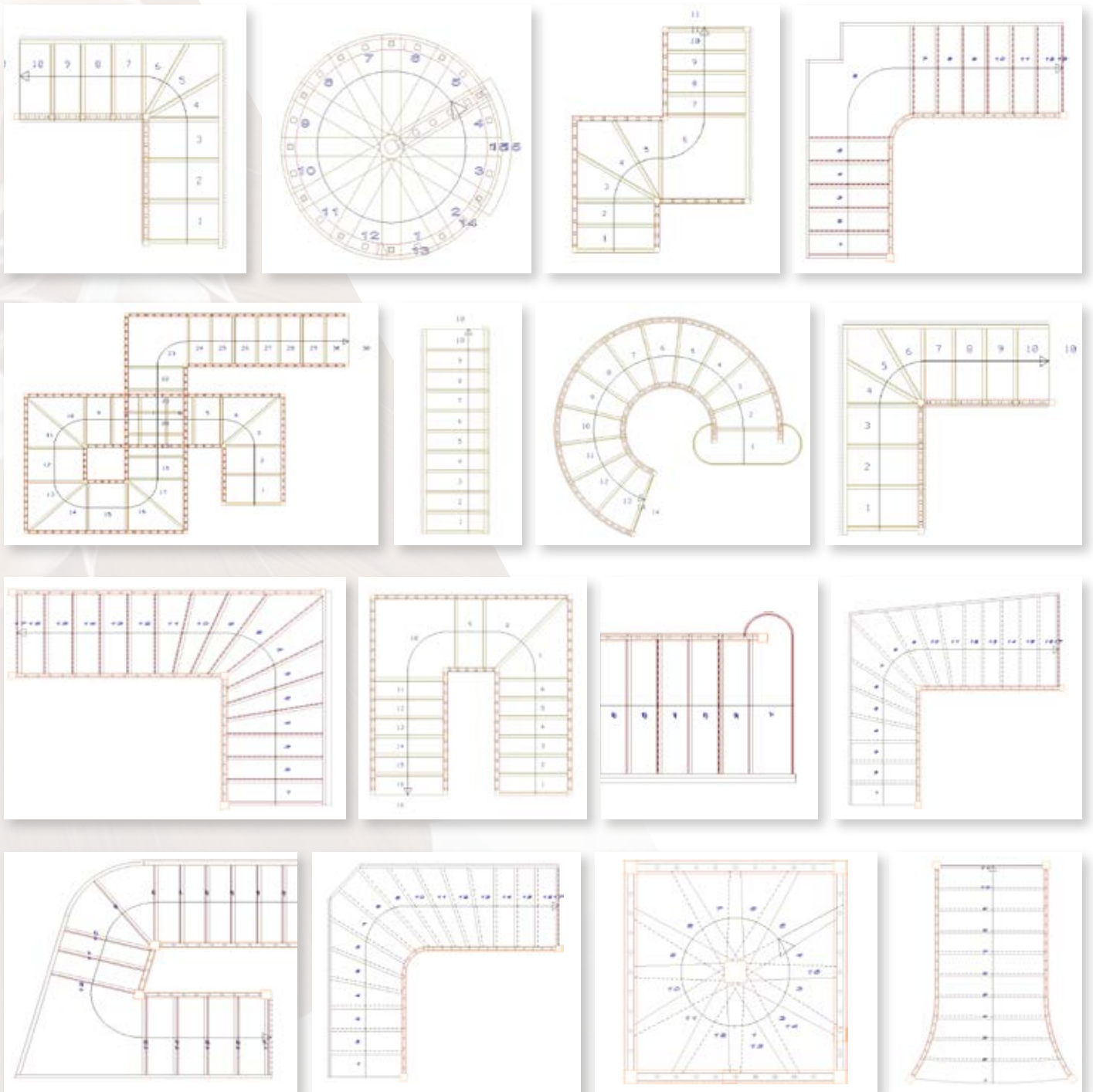
Stairs IMPORTER module

Import of geometries and automatic link for disposition and machining on CNC machines

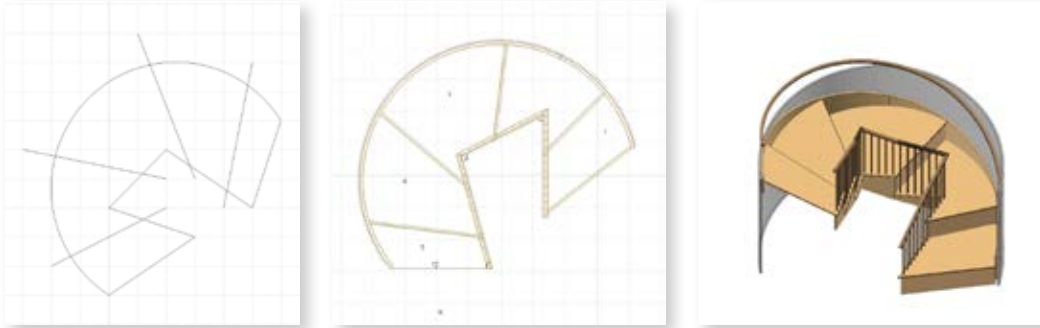
Features

PowerSTAIRS is the ideal software solution for the parametric design and production of any standard and custom-made staircase.

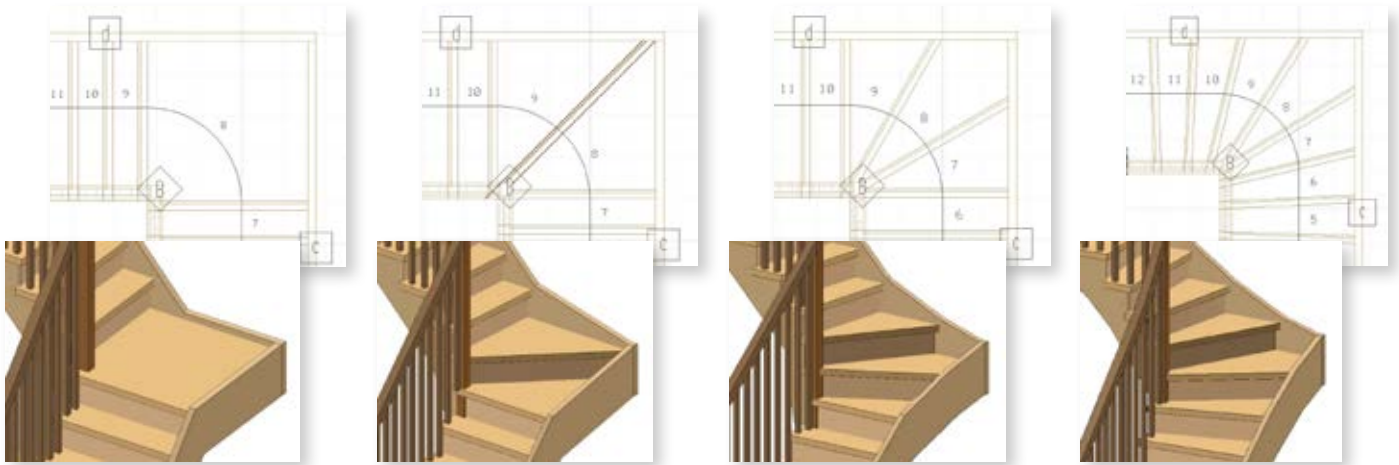
Types of plan



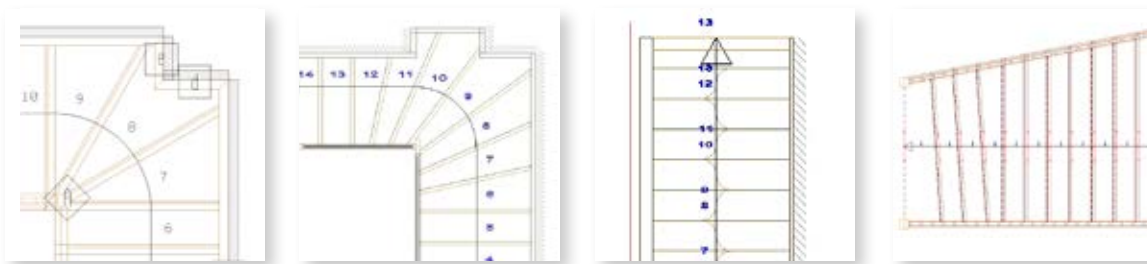
Free forms



Quarters



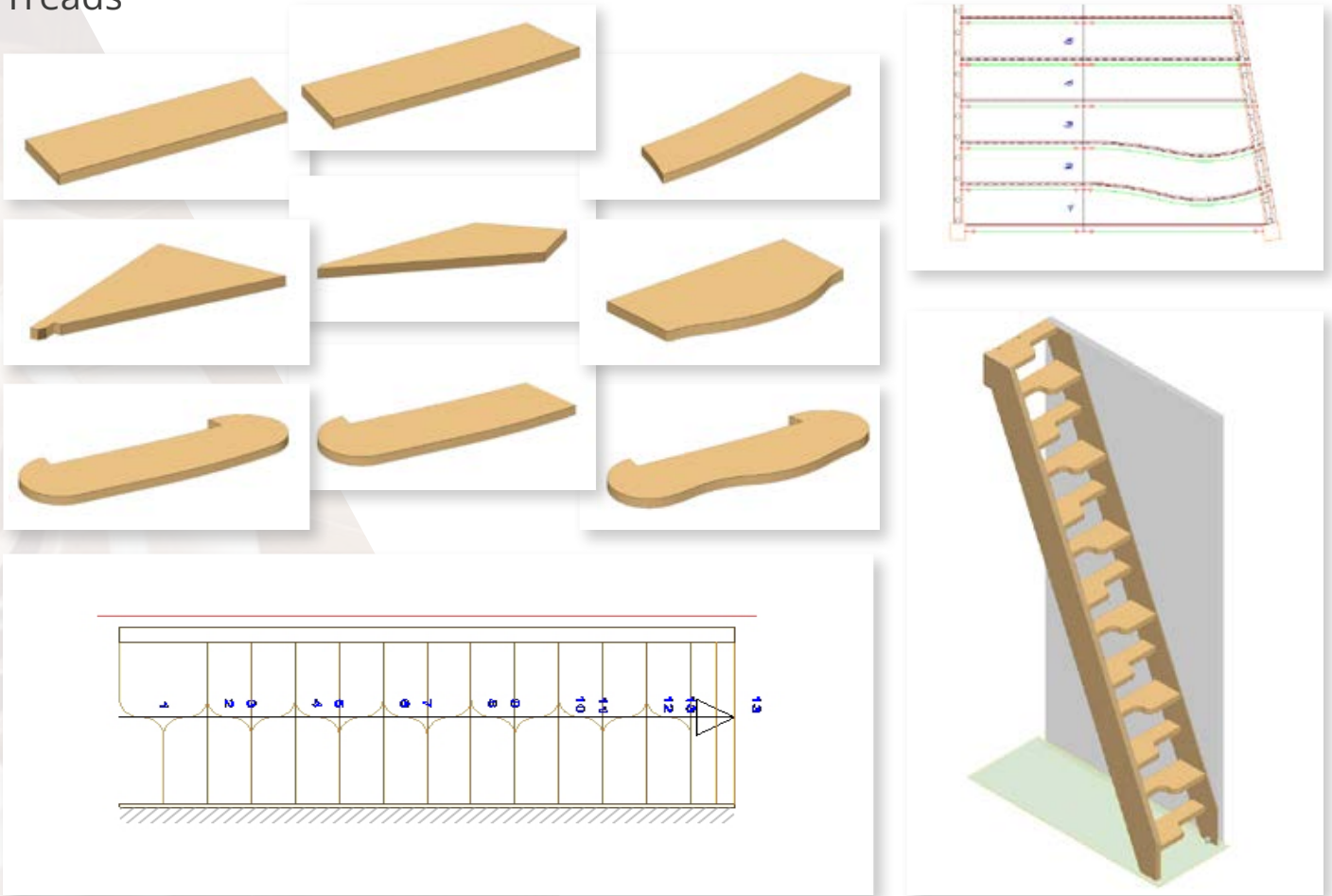
Details



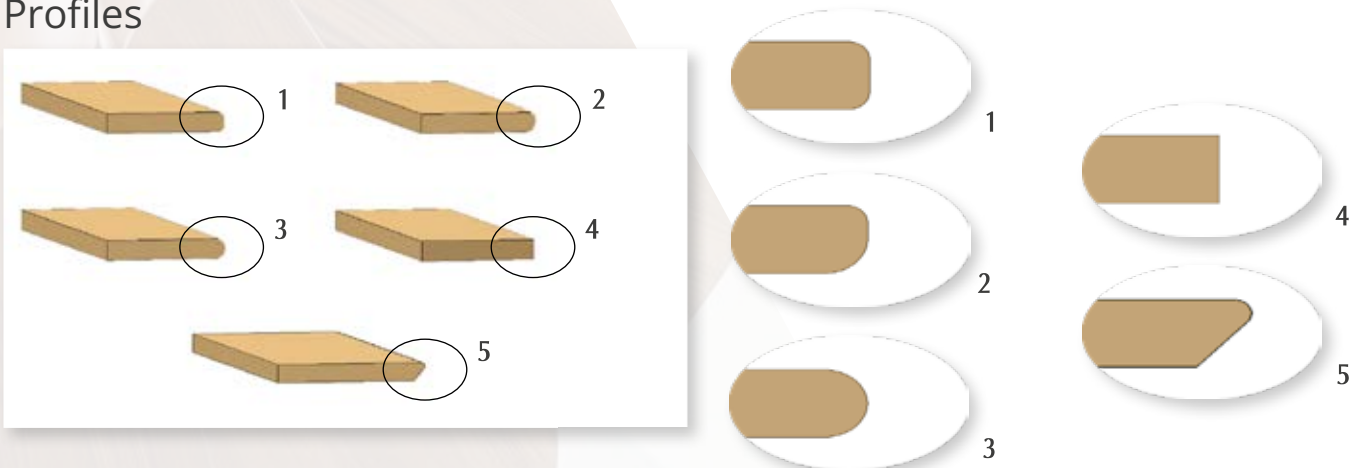
Environments and control of space occupied by windows and doors



Treads



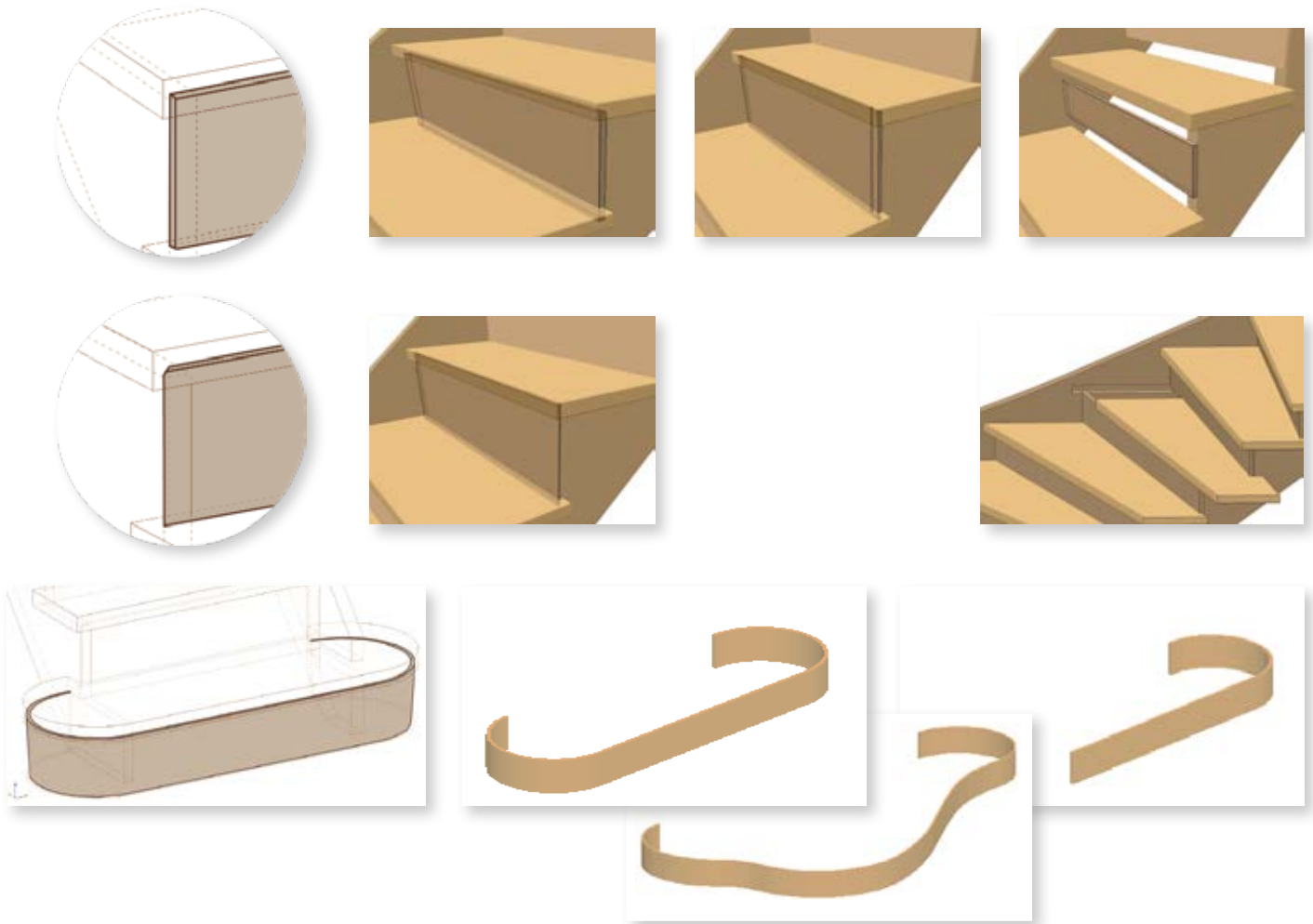
Profiles



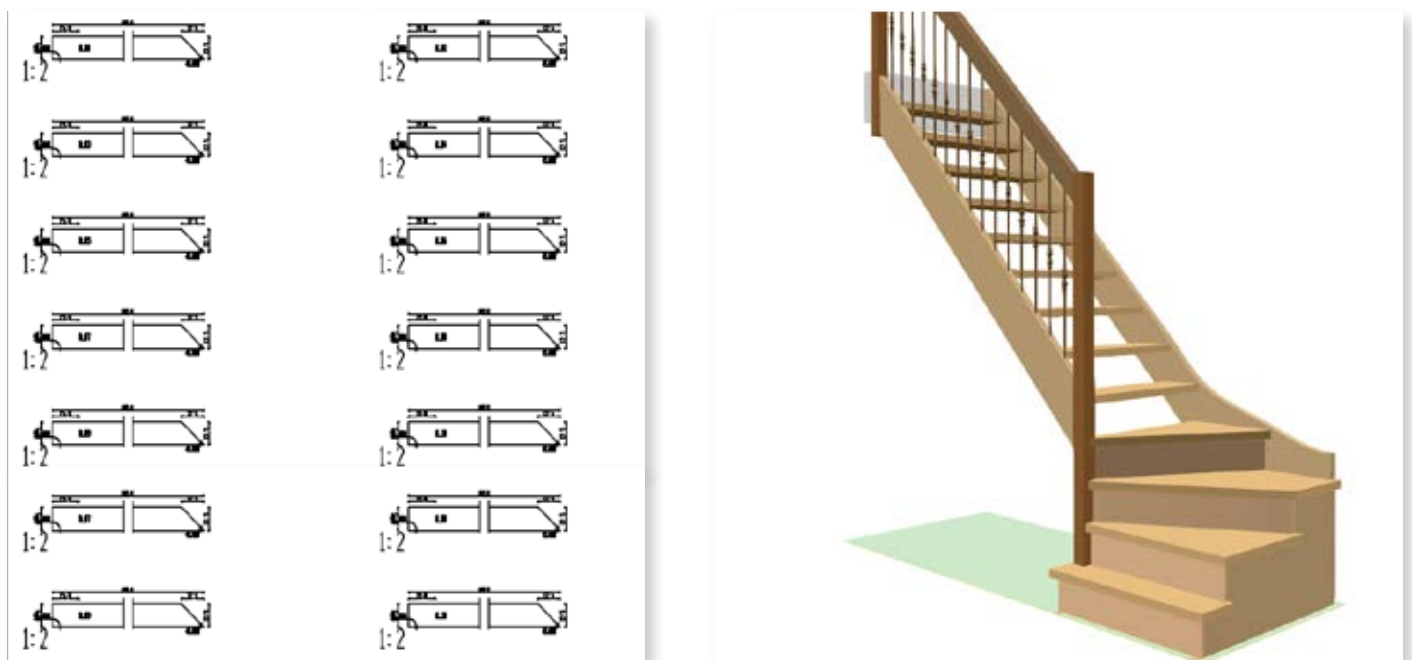
Junctions treads and risers



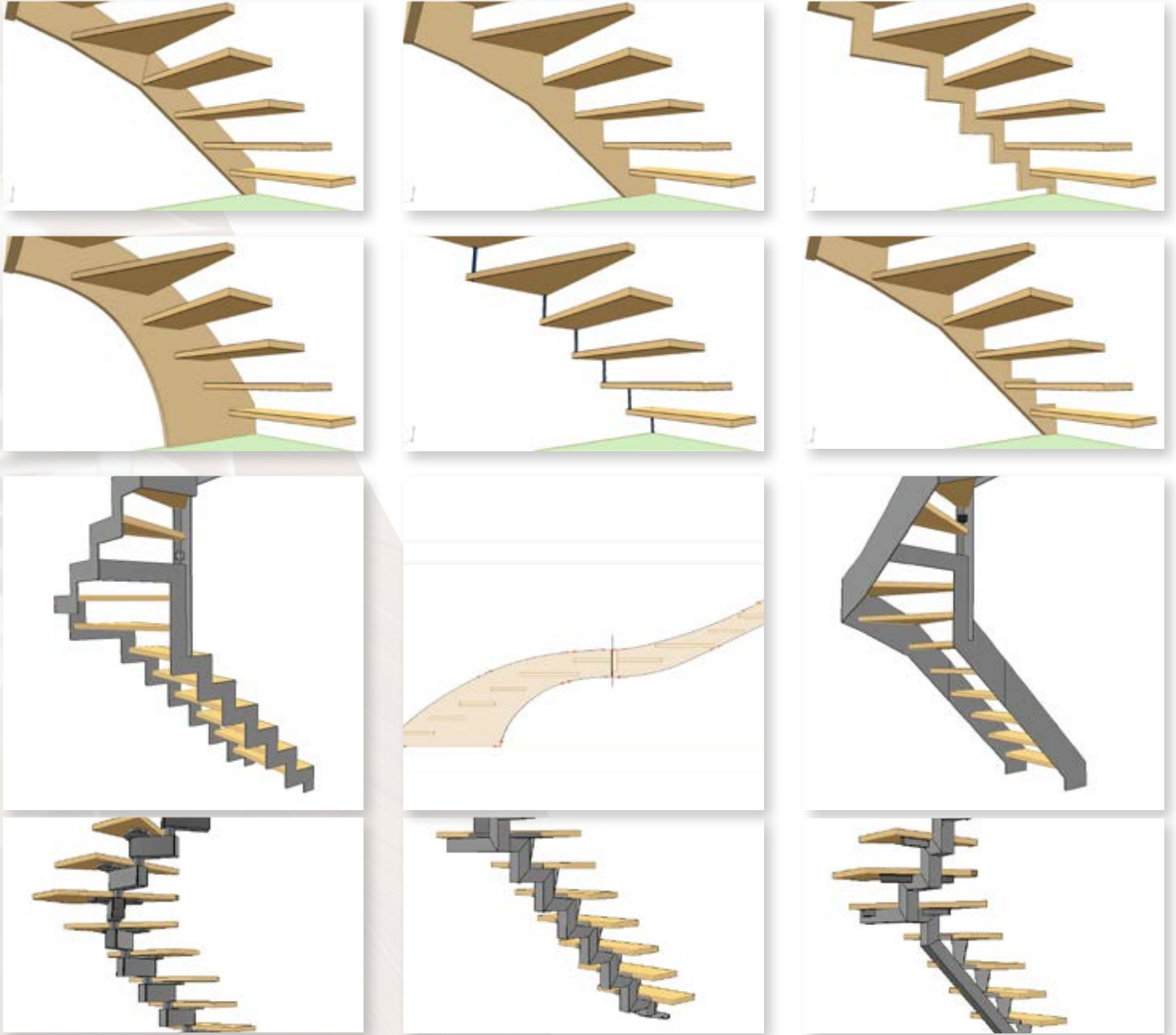
Risers



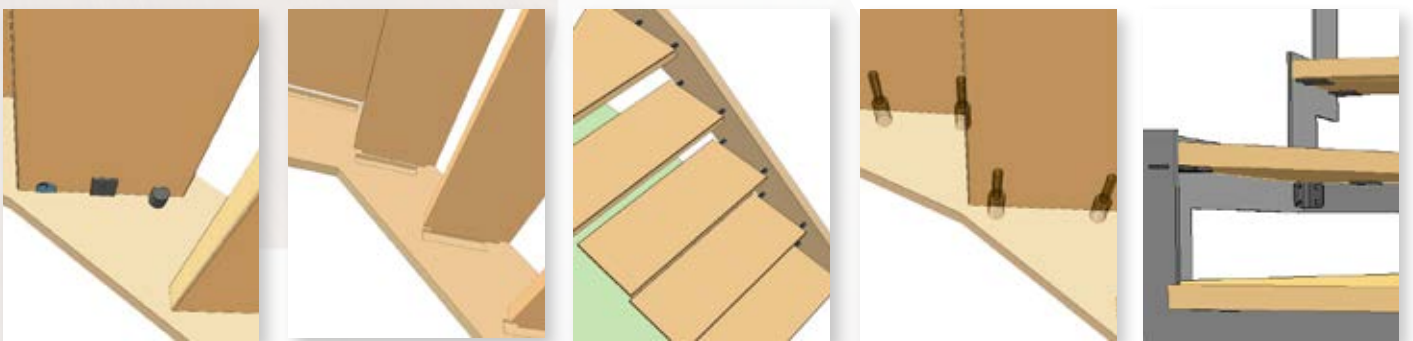
Prints



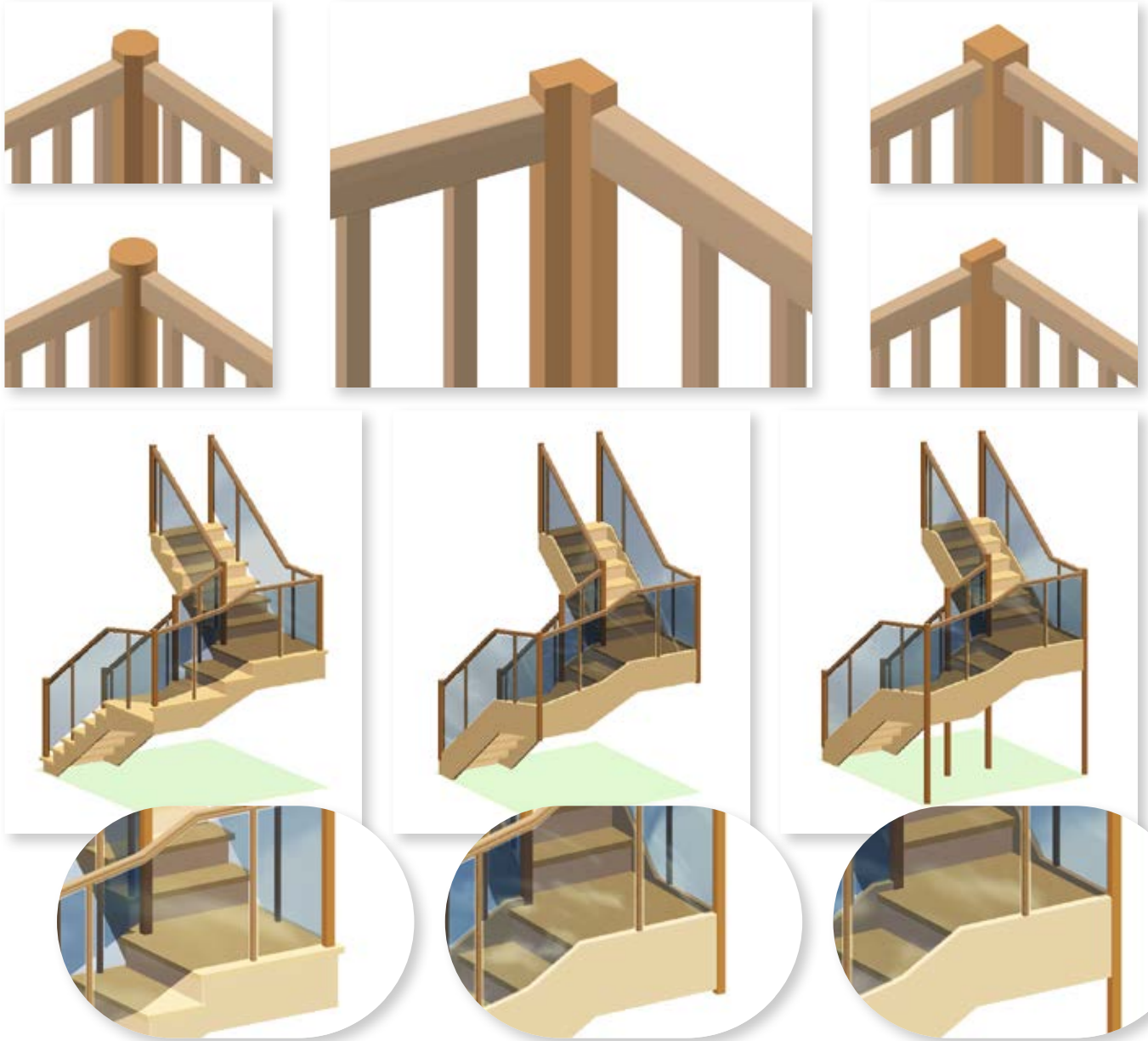
Structures



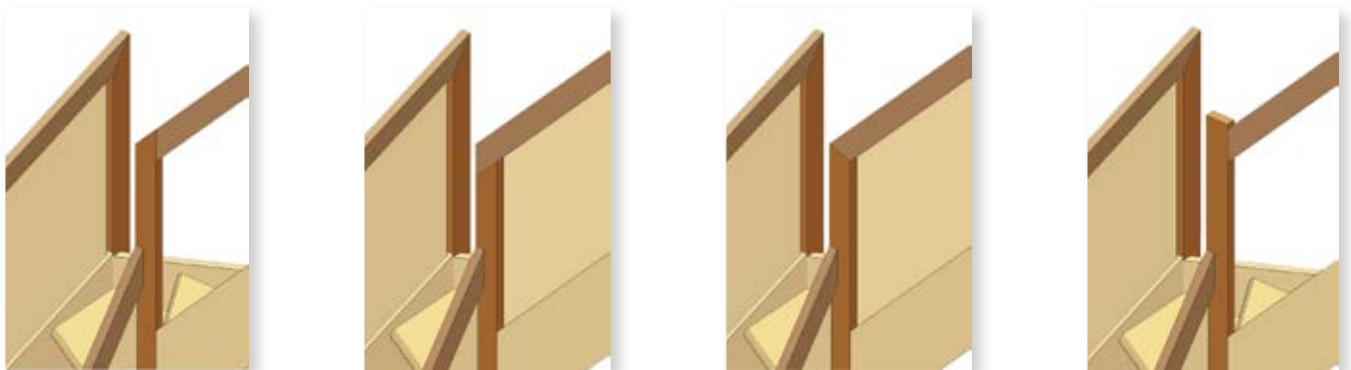
Junctions structures and treads



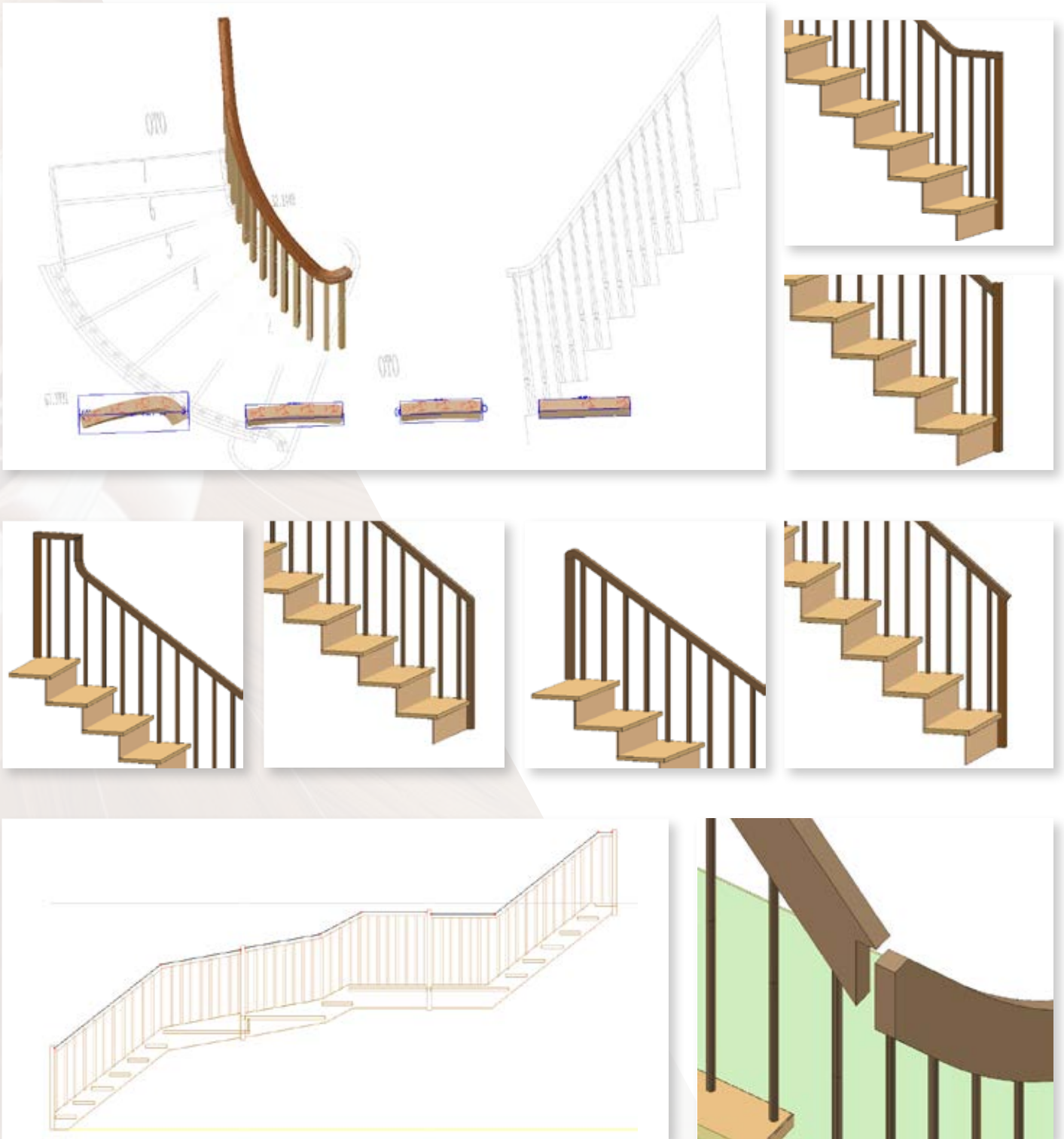
Posts



Junctions posts and handrails



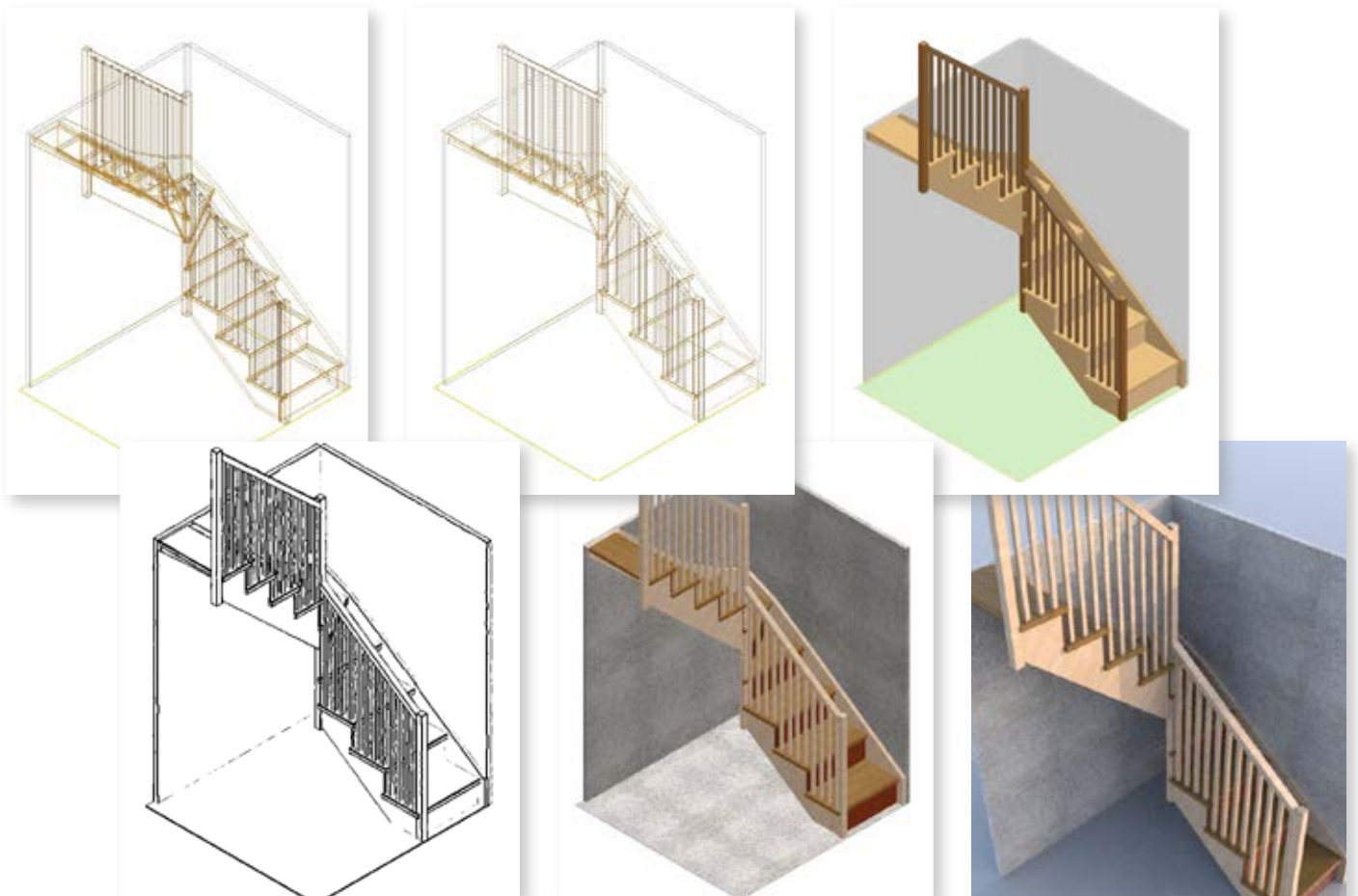
Handrails



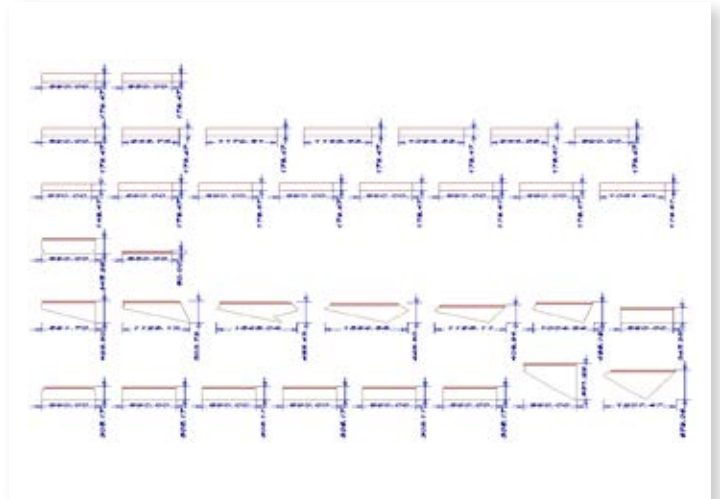
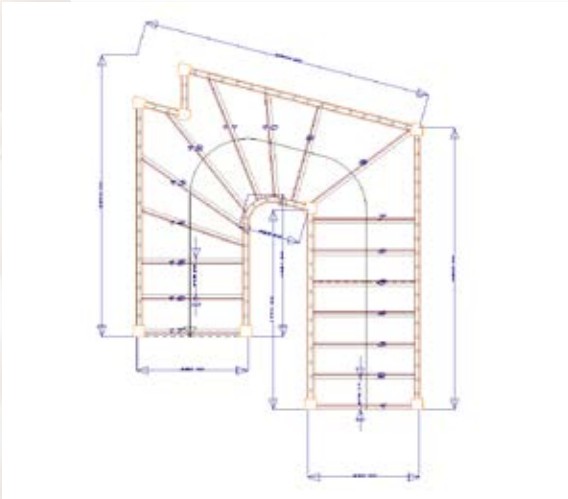
Railings



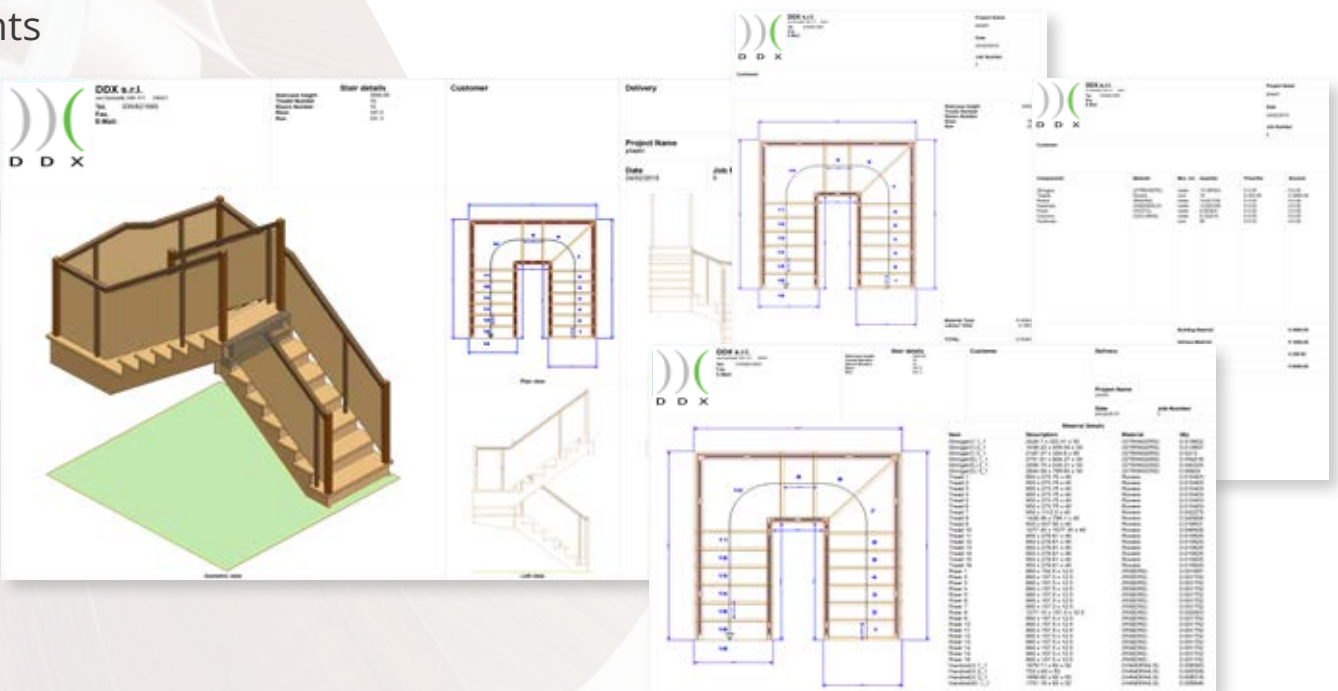
3D view



Dimensions



Prints

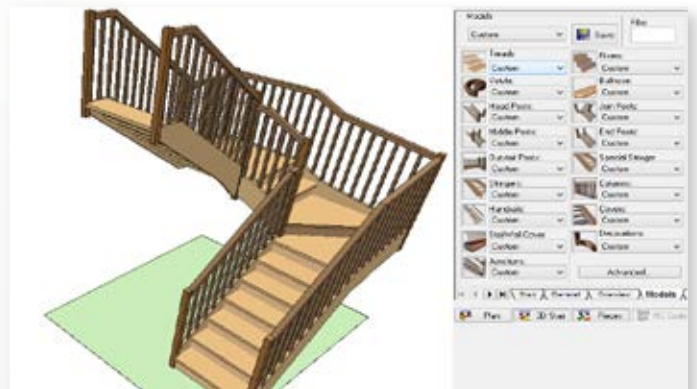


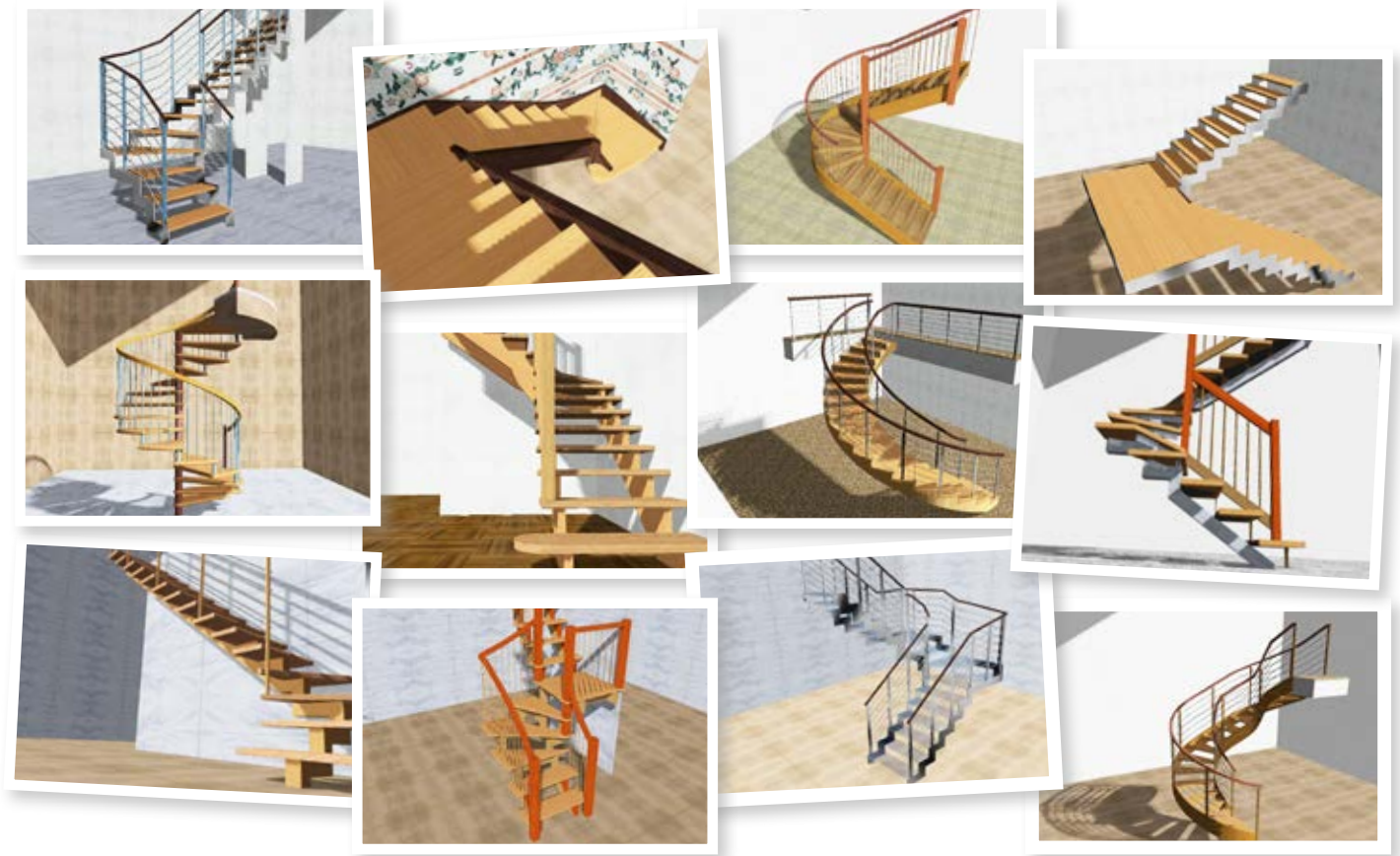
Models

The user can create a library of models for each element of the stair (tread, riser, stringer, handrail, etc.), and a library of stairs models.

During the design phase, the Customer can choose the stair model, insert the dimensions and a few more parameters in order to reach quickly the complete definition of the stair.

These models represent the catalogue of the stairs.





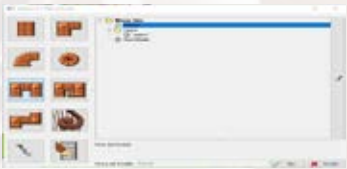



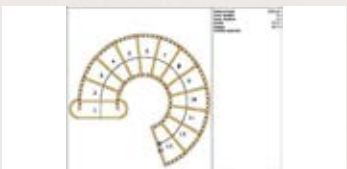
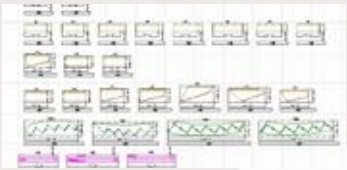


Stairs Importer module









Import of geometries and automatic link for disposition and machining on CNC machines.



Function list

Features		Basic	Standard
	3D graphics and photo-realistic rendering	✓	✓
	Automatic e-mail setting for request of assistance	✓	✓
	Possibility to define a library of standard staircases models	✓	✓
	Possibility to define a parametric library of staircase elements as: treads, risers, structures, head posts, handrails, covers, junctions etc.	✓	✓
	Plan view, 3D, development, exploded view of every single piece	✓	✓
	Dimensions of plan, development and single pieces	✓	✓
	Printouts: cutting list	✓	✓
	DXF Export	✓	✓

✓: included ○: optional



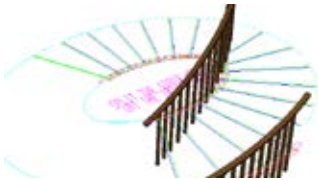





Features		Basic	Standard
TREADS AND RISERS			
	Straight	✓	✓
	Balanced treads	✓	✓
	Winders	✓	✓
	Landings	✓	✓
	Bullnose (specific for U.S.A and U.K. market)	✓	✓
	Return nose (specific for U.S.A and U.K. market)	✓	✓
	Risers	✓	✓
STRUCTURES			
	Stringer	✓	✓

✓: included ○: optional

Function list




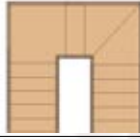
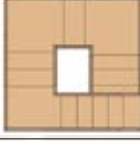





Features		Basic	Standard
	Rack	✓	✓
	Single central structure	✓	✓
	Twin central structure	✓	✓
	Spacers	✓	✓
	Modular	○	○
	Double rack	○	○
HANDRAIL			
	From post to post	✓	✓

✓: included ○: optional

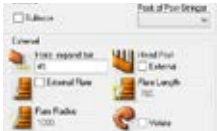


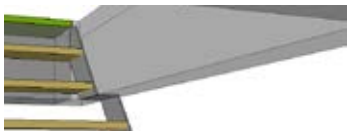


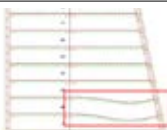

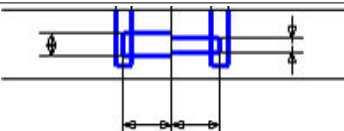


Features		Basic	Standard
	Over the posts	✓	✓
	Volute, twist, easing and ramp	✓	✓
	Draw handrail	○	○
	Straight and curved lower rake	✓	✓
	Straight and curved covers on structures	✓	✓
	Head posts	✓	✓
	Vertical, horizontal and oblique handrails	✓	✓
	Panels / Glasses	✓	✓

✓: included ○: optional

Function list

Features		Basic	Standard
TYPE OF STAIRS			
	Straight	✓	✓
	Alternated tread	✓	✓
	"L,, shape	✓	✓
	"U,, shape	✓	✓
	"3/4,, shape	○	✓
	"S,, shape	○	✓
	Circular	○	✓
	Round and square spiral staircase	○	✓
	Up to 9 flights staircases	○	○
	Covering	✓	✓

✓ : included ○ : optional

Features	Basic	Standard	
	Control of the start and end of staircase	✓	✓
	Junctions	✓	✓
	Out of square	✓	✓
	Under slab	✓	✓
	Fillets and chamfers	✓	✓
	Flaring	✓	✓
	Interactive modification of treads position and tread curves	✓	✓
	Interactive modification of curves and cuts on structures and handrails	✓	✓
	Interactive modification of the junctions	✓	✓
	Balcony on the ground floor	✓	✓
	Balcony on the side of the well hole	✓	✓

✓: included ○: optional

Function list

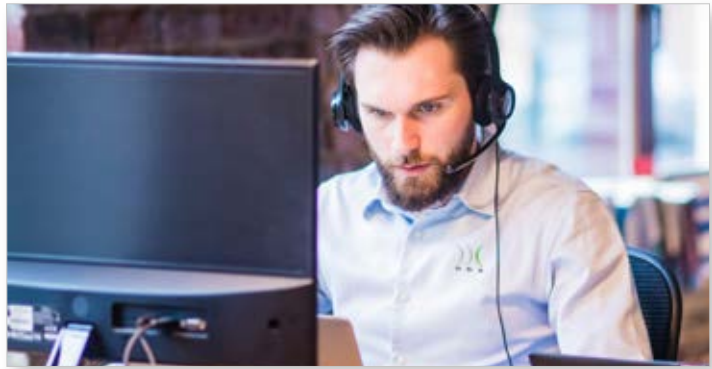
Features	Basic	Standard	
	Free drawing of the well hole	✓	✓
	Control of space occupied by windows and doors	✓	✓
	Two wooden treads raw optimization	✓	✓
	Wooden stringer raw optimization	✓	✓
	Material needed and costing	✓	✓
	Metal staircases module: structures, laser cut, double rack, stringers, handrails, supports	✓	✓
	Possibility to use PowerSTAIRS on local net with a common database of parametres	✓	✓
	Stairs IMPORTER Import of geometries and automatic link for disposition and machining on CNC machines.	○	○
	EasyWOOD Standard	○	○
	EasyWOOD Premium	○	○

✓ : included ○ : optional

Service and Assistance

DDX customers can count on a competent and reliable partner. Our assistance service can be reached by phone and by remote support.

Software updates can be downloaded from our website www.ddxgroup.com.



Partner

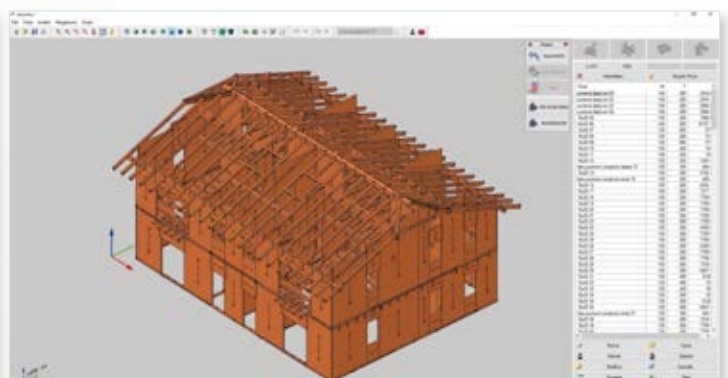
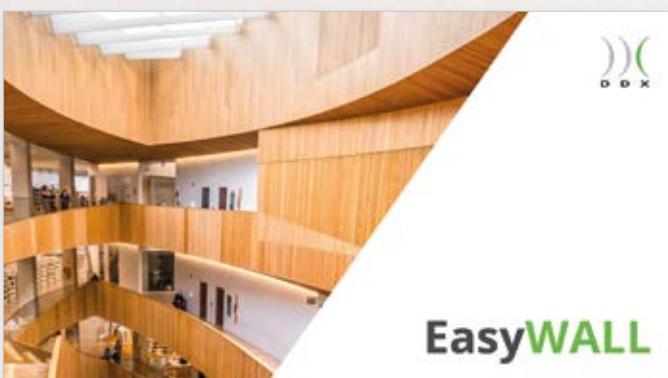
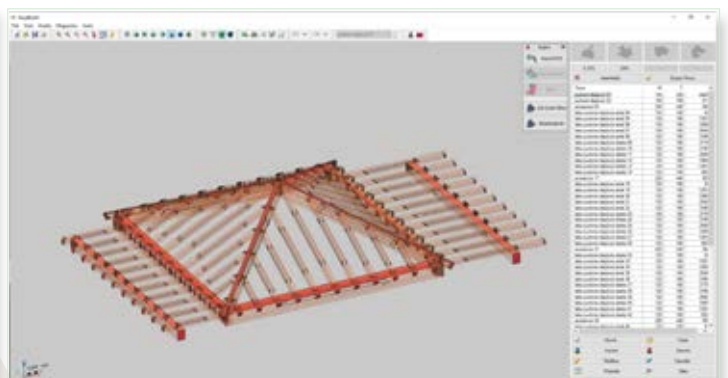
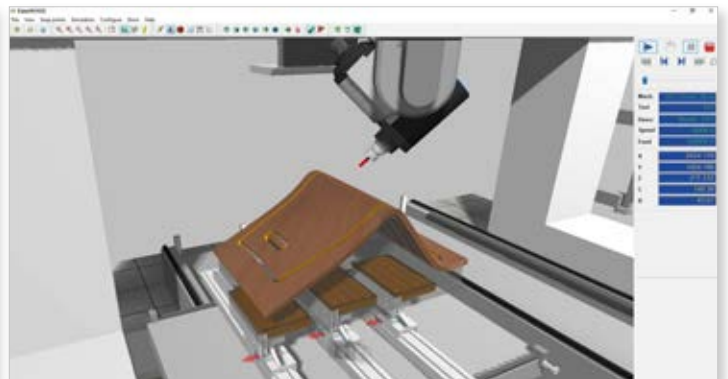
DDX is partner of the main CNC manufacturers:

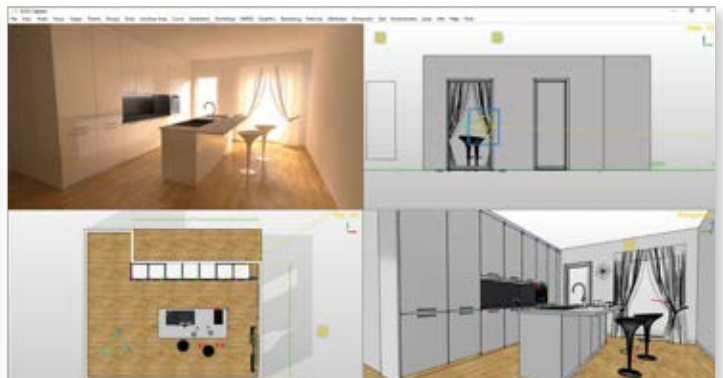
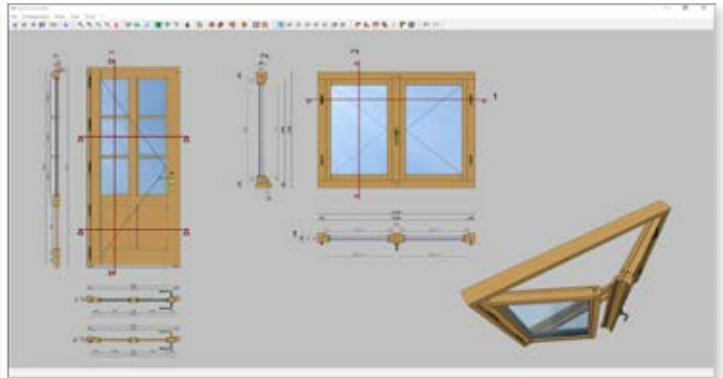


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Other DDX products

Wood field





←))) XFactory

Report Marina's garden

JOB	STARTING DAY	STARTING TIME	ENDING DAY	ENDING TIME	DURATION	STATE	LABEL
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