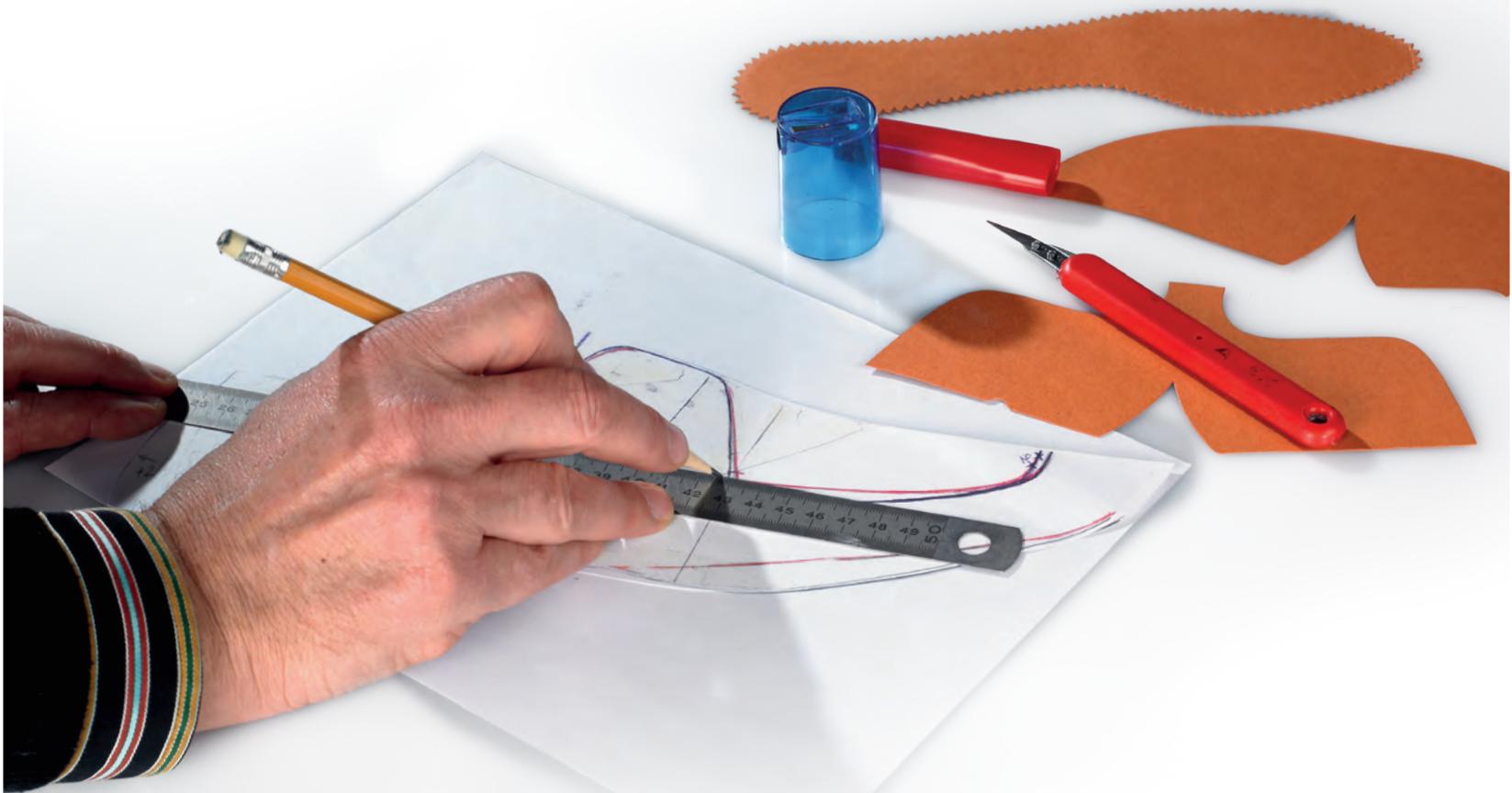


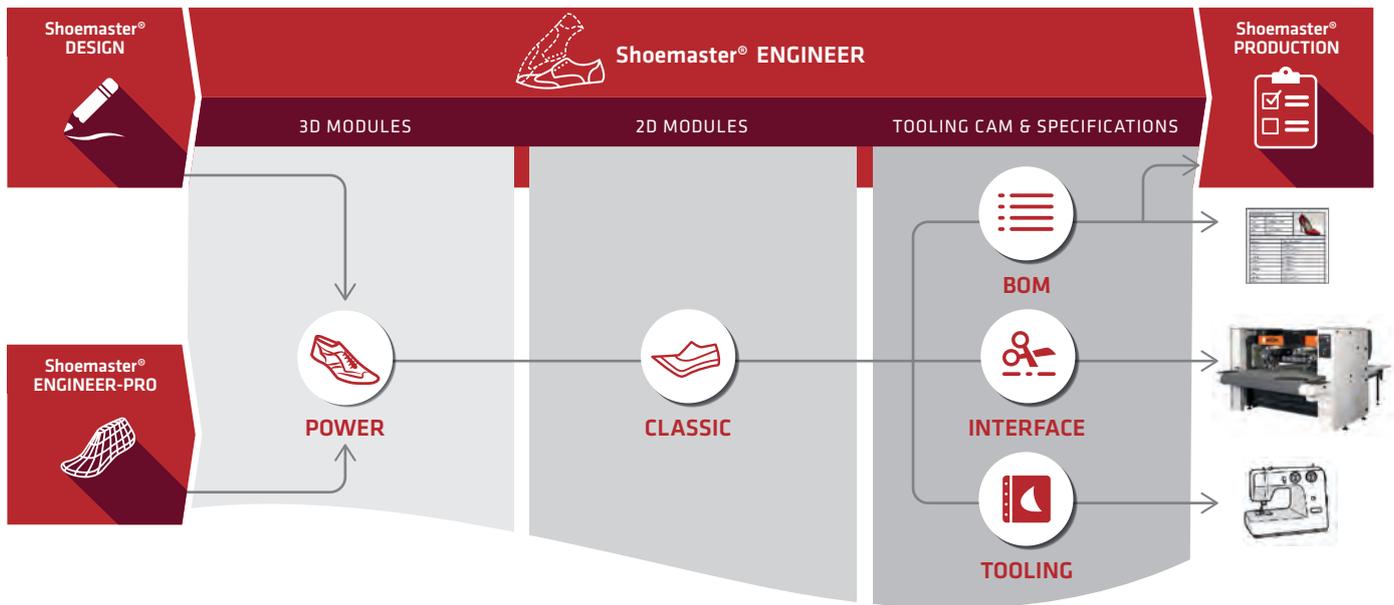
# Engineer

FOR TECHNICAL PATTERN ENGINEERS



A proven, "3D ready", easy to use, technically advanced CAD/CAM system for shoe pattern engineers. Allowing all types of shoes to be fully engineered. Providing significant savings in time and cost and producing superior quality footwear. Containing a depth of functionality from 45 years of focused innovation listening to the request of customers.





**POWER**

**3D CAD module**

3D/2D technical shoe styling system with last grading and advanced last flattening methods for various last and shoe construction types.



**CLASSIC**

**2D CAD module**

Easy to use, integrated, full pattern engineering and grading system.



**TOOLING**

**JIGS AND PALLETS module**

Software to quickly design 2D tooling such as jigs and palettes.



**INTERFACE**

**2D CAM module**

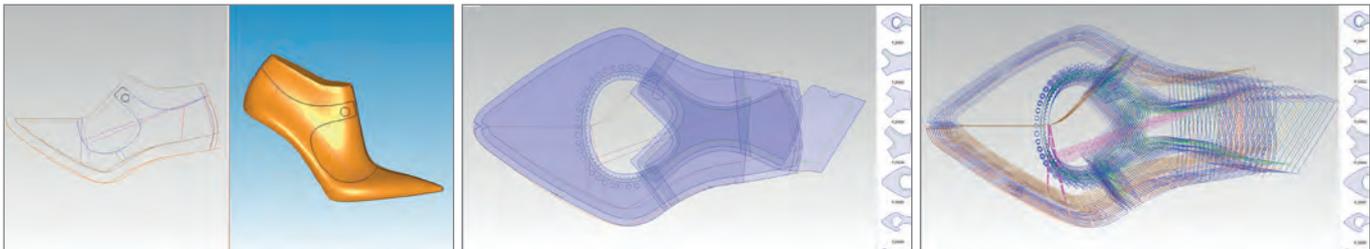
Optimal control software for 2D cutter/plotters.



**BOM**

**BILL OF MATERIAL module**

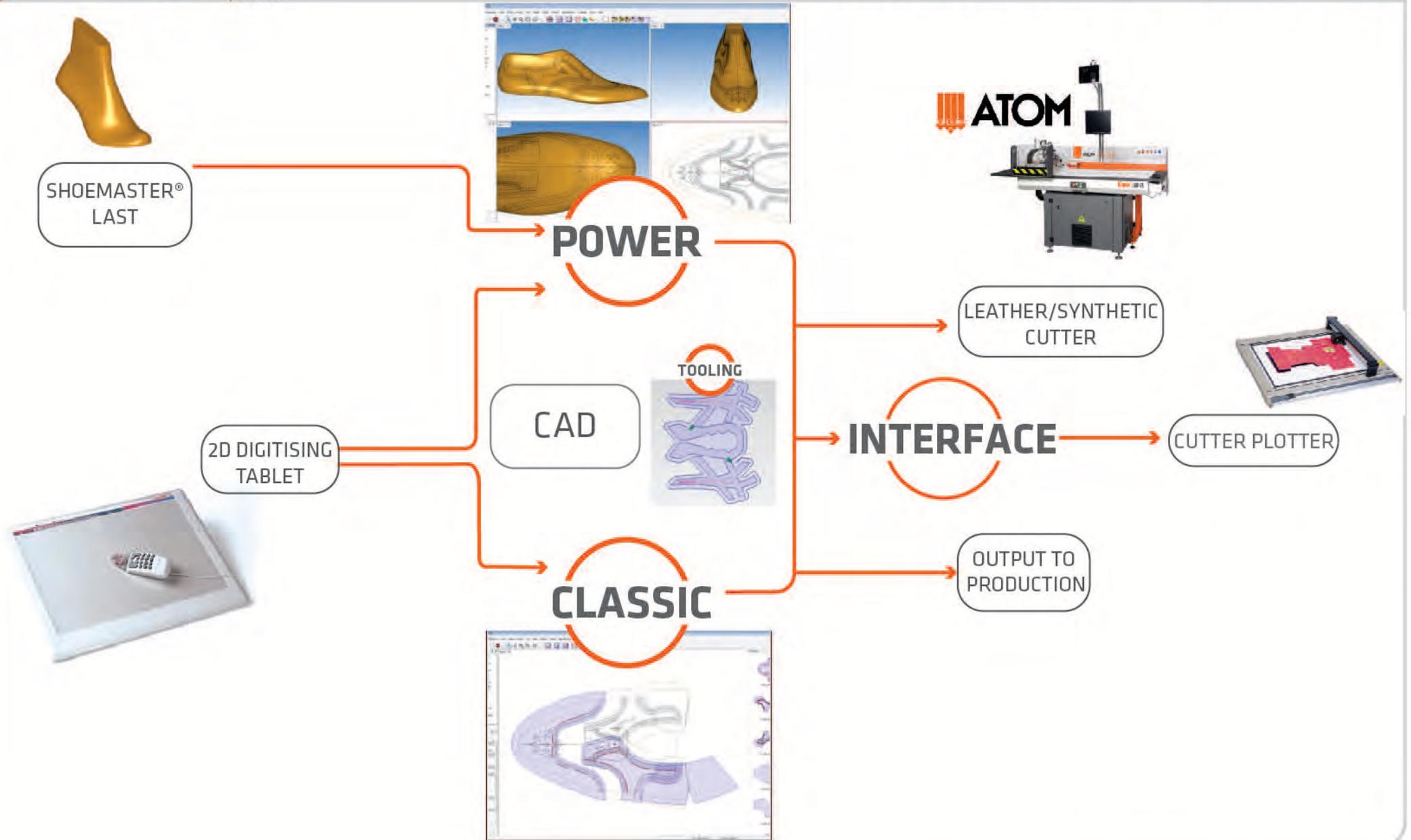
Simply create a shoe sample specification or prototype Bill of Material.



HEADQUARTERS

**ATOM ITALY**

ATOM s.p.a. Via Morosini, 6 - 27029 Vigevano - PV - Italy - T +39 0381 3021 - info@atom-shoemaster.com - www.atom-shoemaster.com



## FEATURES

- *Grade with any rules no matter how complex.*
- *Create complex patterns in a fraction of the time.*
- *Easily transfer styles to new standards.*
- *Quickly and easily modify existing styles.*

## RESULTS

- *Engineered Patterns.*
- *2D graded shells and patterns.*
- *2D tooling layouts (optional modules)*
- *2D files in standard formats for cutting machines.*
- *Press punch designs.*

## RELATED PRODUCTS

- *ATOM Cutting Systems*
- *Shoemaster TechSpec*
- *Shoemaster APA II*
- *Digitising Tablet*
- *Cutters/Plotters*

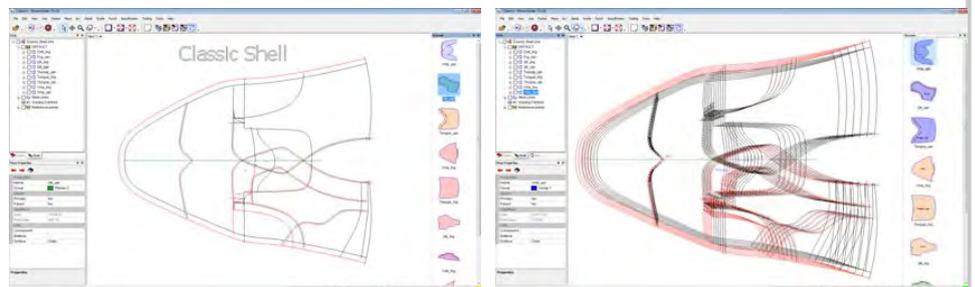
## Product overview

Shoemaster Classic provides the most traditional form of CAD/CAM technology for pattern engineers. It offers a perfect solution for the development of all pattern constructions. Based around a standard, it provides full and comprehensive grading functionality.

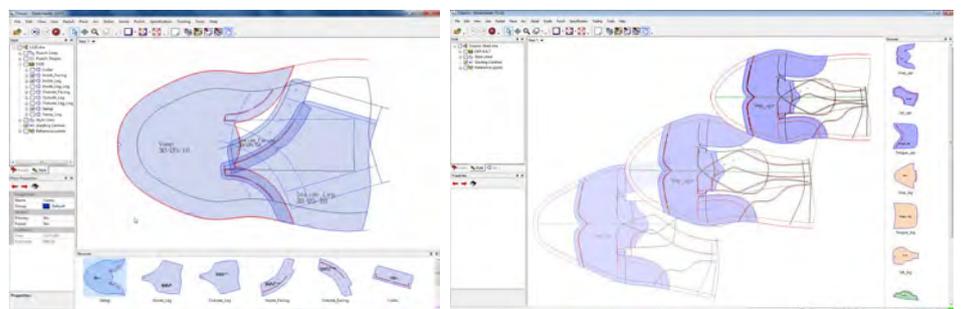
The program emulates all manual processes including the adding of constructional allowances, markers, details and text, as well as more complex features for pattern springing, moccasin construction and style transfer.



Shoemaster Classic allows for the input and creation of standards, allowing for production quality patterns that can be created and engineered. The system is a highly flexible and provides an array of 2D pattern engineering tools along with comprehensive grading functions.



Shoemaster Classic also has the powerful ability in being capable in allowing the user to transfer styles and production patterns from one standard to another. Perfect for speeding up the development of production and engineering.



## FEATURES

- *Accurately control last flattening (Including Moccasin, Boots, Stitch Down, Strobel etc)*
- *Create the design directly onto 3D lasts.*
- *Immediately see the effects of 2D changes on the 3D style.*
- *Create complex patterns in a fraction of the time.*
- *Grade with any rules no matter how complex.*
- *Simultaneously engineer lasts and uppers using style transfer functions.*

## RESULTS

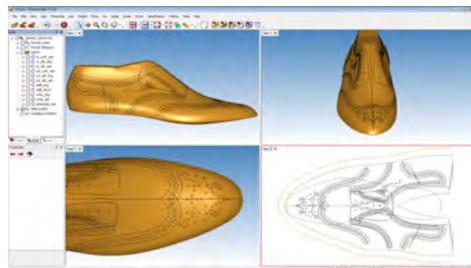
- *Sets of graded 2D production patterns.*
- *Accurate last flattening.*
- *Accurate last bottom flattening.*
- *3D graded lasts.*
- *Adjustments to existing last shapes.*

## RELATED PRODUCTS

- *Shoemaster TechSpec*
- *Shoemaster APA II*
- *ATOM Cutting systems*
- *Digitising Tablet*
- *Cutters/Plotters*

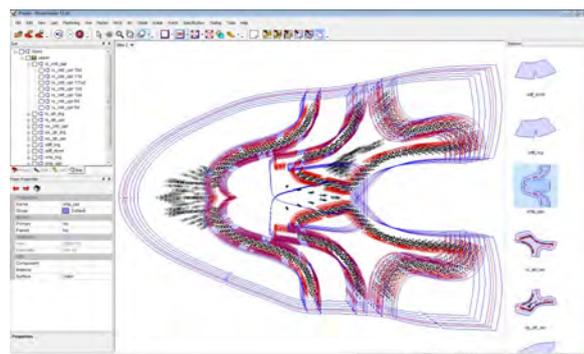
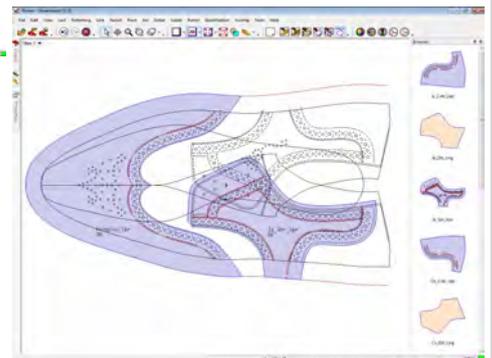
## Product overview

Shoemaster Power has been developed to meet modern shoemaking needs, allowing simultaneous 2D/3D design and pattern engineering. The 3D functionality allows you to emulate manual processes in a CAD environment, reducing the costs associated with re-development as well as maximising the productivity of design, pattern engineering and grading.



Complete with an advanced flattening system Shoemaster Power provides a comprehensive and efficient transition from 3D to 2D whilst giving the user full control over their required flattening.

Engineers can modify designs produced in Shoemaster Creative or design new styles directly on the 3D last or 2D shell. These styles can be quickly and easily modified to aid the user where engineered pattern functions can also be easily applied.



Shoemaster Power also comes complete with an advanced and sophisticated grading system, where the user can grade with any rules applied no matter how complex. As a result speeding up and advancing engineering production on the factory floor.

The results from Shoemaster Power are extremely strong where accurate last flattening for all constructions can be applied, design upon 3D graded lasts, easily adjust existing styles and patterns, transfer styles between last shapes, apply advanced piece springing to pieces, produce sets of graded 2D production patterns that can then be exported to any technologically advanced cutting solution.