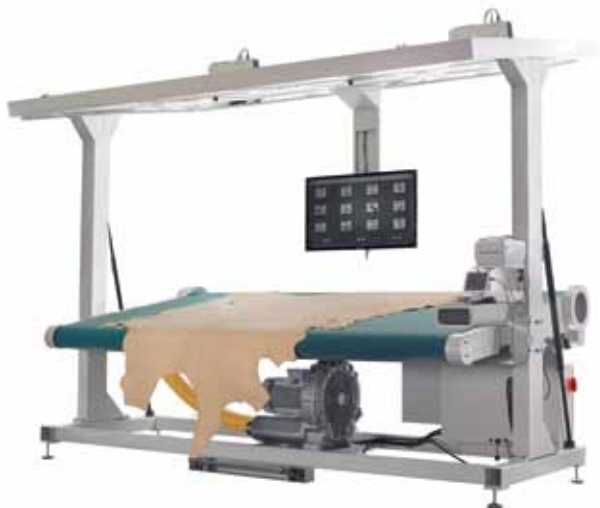# VisionPlus

ACQUISITION AND QUALITY AREA DETECTION SYSTEMS

atom® ATOM

VISIONPLUS IS A COMPLETE RANGE OF ACQUISITION AND QUALITY AREA DETECTION SYSTEMS. THEY ALLOW TO AUTOMATICALLY ACQUIRE THE CONTOUR OF LEATHER, NO MATTER WHICH KIND OF COLOUR, AS WELL AS THE QUALITY AREAS OF PRE-MARKED HIDES WITH ANY LIGHT CONDITION. THE RANGE INCLUDES OFF-LINE SOLUTIONS CLOSE TO IN-LINE INTEGRATED SYSTEMS.
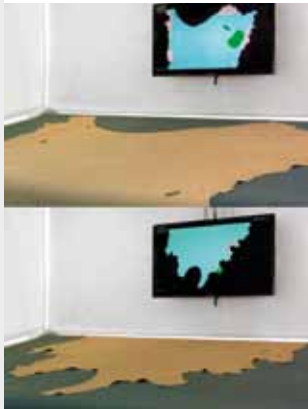
IntelliView

IntelliScan

The IntelliView range offers conveyorized off-line models, which can automatically acquire leather contour of any kind and colour. The lighting system and the exclusive FlashTracer optical pen allow a clear visualization of the surface and ease the quality area marking.

The IntelliScan models can automatically acquire leather contour and quality areas of pre-marked hides with any light condition.
Available both in off-line version and integrated with various FlashCut knife cutting tables, they are widely used for automotive and furniture industries.

SEQUENTIAL ACQUISITION

Sequential steps acquisition system allows the acquisition of hides bigger than the acquisition area, but above all, processing hides step-by-step, it eases hides inspection, by approaching the area to be inspected to the operator. Moreover, it optimises the processing time, allowing to nest the shapes over the parts already examinated.

FLASH TRACER OPTICAL PEN

It allows to easily mark defects and quality area of the hides, and to display them both on the screen and directly on the hide, each one with a proper colour. Moreover, Flash Tracer operates as a mouse, able to launch nesting and cutting operations and to modify parameters directly on the working area.

BAR CODE

After scanning and nesting calculation, the off-line acquisition systems print an identification label with bar code to be applied to the leather.
Thanks to the label reader the operator can quickly and easily find the cutting layout which corresponds to the leather to be processed.

OPTIMIZED NESTING

Customized systems for automatic nesting and friendly interface dramatically reduce the overall time for placing the shapes to be processed, and optimize the material yield.

LOGO TYPED MATERIALS

The in-line IntelliScan system scans the logo typed materials. Together with the nesting algorithm, it allows to automatically place shapes to be cut, considering the graphic of printed materials.

INTEGRATED SYSTEMS

Availability of systems integrated with FlashCut knife cutting tables, that allow to combine acquisition, nesting, cutting and collecting steps. They allow to cut operating and labor costs and to gather the whole production cycle in a single machinery.

SHAPES ACQUISITION

Availability of digital scanning systems to automatically acquire models. The system takes photos of the shapes, vectorizes them, automatically corrects optical distorsions, and exports data in Atom format ready to cut.

VisionPlus models

ACQUISITION AND QUALITY AREA DETECTION SYSTEMS

TECHNICAL DATA

MODELS	WORKING AREA (mm)	MAX. ABSORPTION. (kW)	SIZES (mm)	WEIGHT (Kg)
VisionPlus IntelliView 3015 B	3000 x ∞	11,7	3722x1940x2971h	1120
VisionPlus IntelliScan 3026 B	2600 x ∞	2	4535x2920x2357h	930