

FlashCut **Flex**

HIGH-PERFORMANCE FLEXIBILITY



SINCE 1907



The FLEX models represent the excellence of ATOM technology and are currently the most popular models in many application sectors. The use of latest-generation electronics and the high-quality components used for their construction ensure maximum reliability and cutting precision.

The availability of a wide variety of configurations, including fixed table and conveyor, with unloading or loading, ensures this model is flexible and ideal for meeting the needs of a wide range of applications.

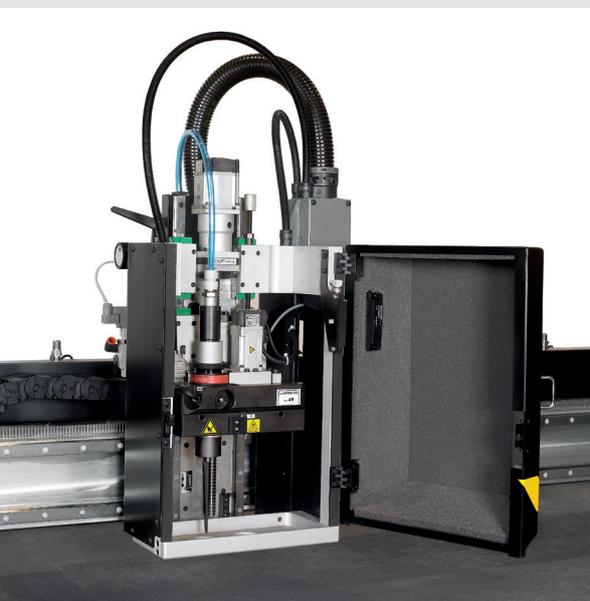
WIDE RANGE OF MODELS AND CONFIGURATIONS



FlashCut **Flex** 3036 B3

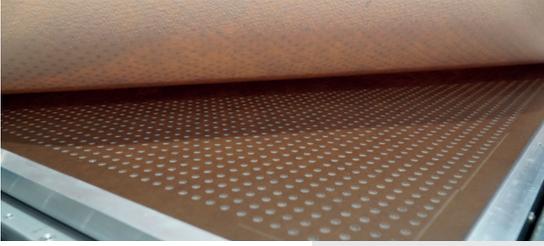


FlashCut **Flex** 3015 S



Dedicated to processing foam materials and corrugated or honeycomb cardboard, the HD models are capable of cutting thicknesses of over 100 mm and of performing combined cutting, creasing, and 45° cutting operations. The liquid lubrication device, applicable to the entire range, facilitates cutting, does not contaminate the processed material, and ensures an excellent finish, even when cutting problematic materials.

The 30kHz ultrasonic spindle is capable of offering high cutting performance, especially on materials such as rubber and pre-impregnated materials, ensuring an excellent finish quality. The system is capable of cutting up to 15 mm thick material at a speed of up to 50 meters per minute.



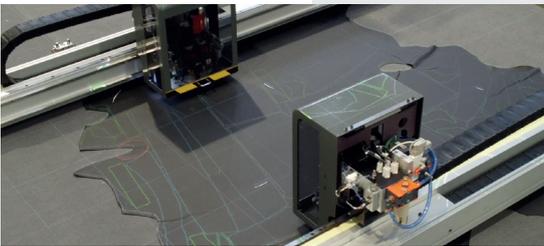
SECTORISED SUCTION SYSTEM

Powerful, sectorised, and adjustable suction allows adapting to any type of material or process, concentrating it where necessary for maximum hold during cutting and, at the same time, ensuring maximum energy savings.



ACQUISITION CAMERA

The new digital camera allows the automatic and precise positioning of templates and cutting layouts in relation to the images printed on the material being processed. Equipped with an LED illuminator, it has a large reading area that allows it to recognise reference points even when they are not perfectly positioned.



DOUBLE CUTTING BEAM

Some models in the Flex series are available with a double cutting beam, ideal for meeting the needs of those seeking greater productivity.



OPTIMIZED PLACEMENT

A complete range of customised automatic placement systems and a simple, intuitive interface dramatically reduce process times and maximise material yield.



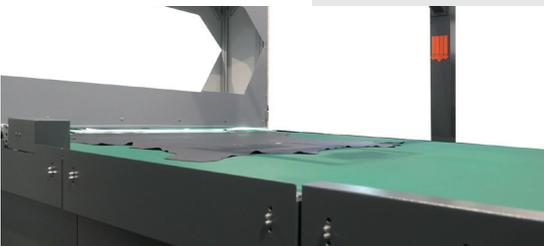
FIXED TABLE OR CONVEYOR BELT

The Flex series offers models with a fixed cutting table or with a conveyor belt. In the latter, the material is fed through a combined action between the conveyor belt and a series of grippers integral with the cutting beam: this ensures maximum feed precision for both rigid and elastic materials, both single- and multi-layer.



HIGH-BRIGHTNESS PROJECTORS

High-brightness projectors ensure optimal vision in any environment and on any type of material or color. Equipped with LED lamps, they ensure high brightness, stable projection power, low maintenance, and a long lifespan. They are excellent for processing materials with irregular contours.

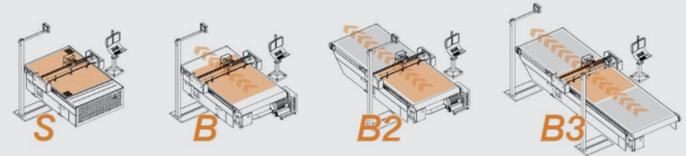


ACQUISITION AND FEEDING SYSTEMS

The Flex models can be integrated with a wide range of optional devices, including: in-line and offline acquisition systems, various feeding systems, spreaders, and integrated or independent loading and unloading tables.

Flex Models

STURDINESS
RELIABILITY
PRECISION



S VERSION

MODELS	WORKING (mm)	MAX. POWER CONSUMPTION (kW)	DIMENSIONS (mm)		WEIGHT (Kg)
			without projector	with projector	
		1 pump/2 pumps			
FlashCut Flex 1515	1550x1550	13,46 / -	2500x2120x1220	2500x3000x3110	1250
FlashCut Flex 3015	3050x1550	13,46 /23,86	4000x2120x1220	4000x3000x3110	1750
FlashCut Flex 3020	3050x2050	13,46 /23,86	4000x2620x1220	4000x3630x2980	2050
FlashCut Flex 3026	3050x2600	13,46 /23,86	4540x3144x1220	4540x4174x4181	2450
FlashCut Flex 4015	4050x1550	13,46 /23,86	5250x2120x1220	5250x3000x3110	2100
FlashCut Flex 4020	4050x2050	13,46 /23,86	5250x2620x1220	5250x3500x3680	2350
FlashCut Flex 6115	6100x1550	- /23,86	7300x2120x1220	7300x3000x3110	3000

B VERSION

MODELS	WORKING AREA (mm)	MAX. CONSUM. PT. (kW)	B VERSION DIMENSIONS (mm)		WEIGHT (Kg)*	B2 VERSION DIMENSIONS (mm)		WEIGHT (Kg)*	B3 VERSION DIMENSIONS (mm)		WEIGHT (Kg)*
			without projector	with projector		without projector	with projector		without projector	with projector	
		1 pump/2 pumps									
FlashCut Flex 1515	1550x1550	13,46 / -	3150x2160x1220	3150x3040x3024	1300	4200x2120x1220	4200x3000x3024	1520	4970x2120x1220	4970x3000x3024	1650
FlashCut Flex 3015	3050x1550	13,46 /23,86	4880x2160x1220	4880x3040x3110	1850	7200x2120x1220	7200x3000x3110	2250	9470x2120x1220	9470x3000x3110	2450
FlashCut Flex 3020	3050x2050	13,46 /23,86	4880x2660x1220	4880x3670x2980	2100	7200x2620x1220	7200x3630x2980	2450	9470x2620x1220	9470x3630x2980	2750
FlashCut Flex3026	3050x2600	- /23,86	6260x3144x1220	6260x4175x4181	3000	7350x3144x1220	7350x4175x4181	3200	9465x3144x1220	9465x4175x4181	3400
FlashCut Flex4015	4050x1550	13,46/23,86	5660x2200x1220	5660x3070x2760	2300	9422x2200x1220	9422x3070x2760	2500	13100x2200x1220	13100x3070x2760	2700

* without projectors

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HEADQUARTERS

ATOM ITALY

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