

## SHARPENING ROOM

**ASR****BEST IN CLASS FOR:**

WOOD BASED PANELS:  
PB/SPB  
OSB/LSB/FOSB

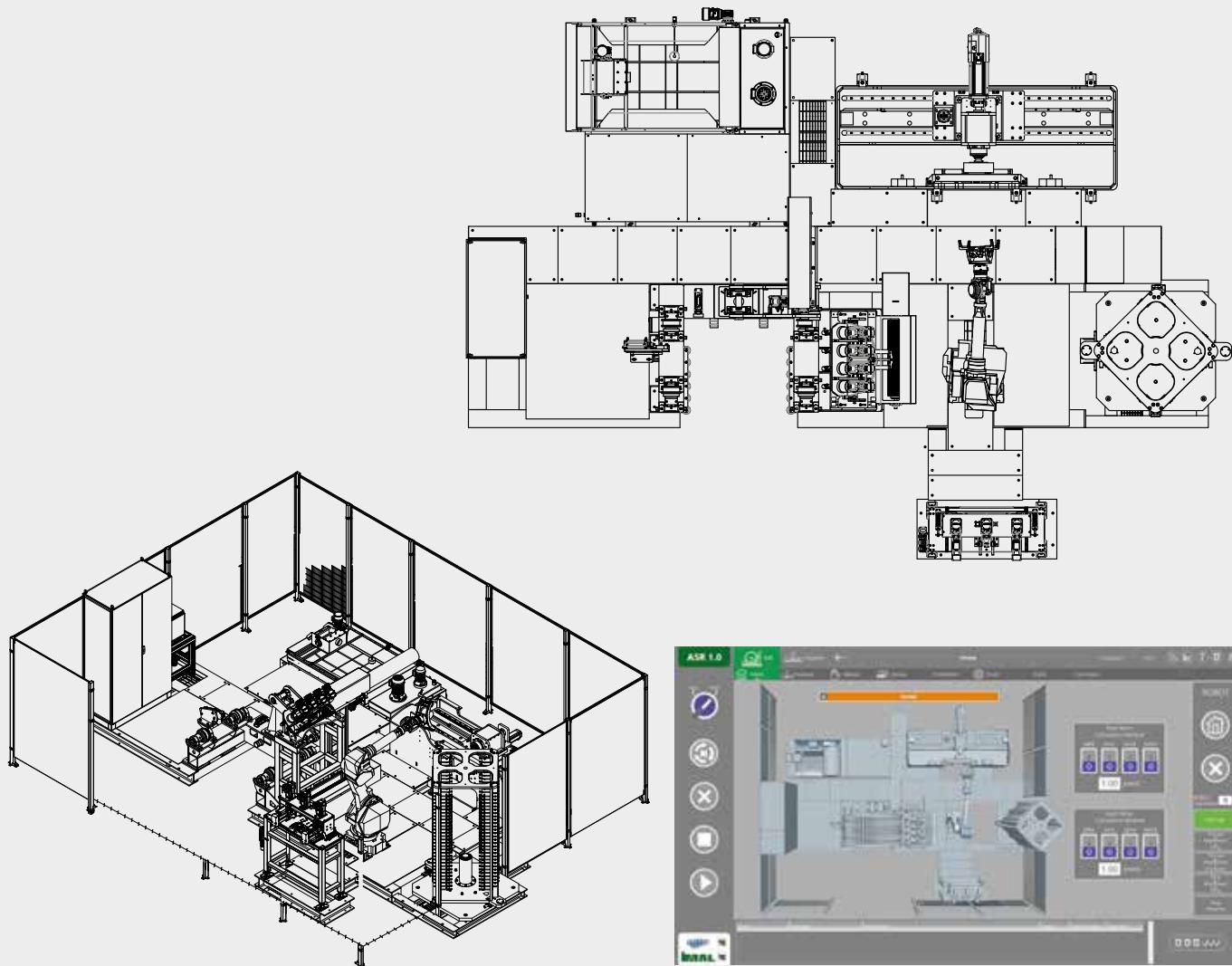
This innovative system, which has revolutionised the concept of knife sharpening, transforming knife sharpening into a fully automatic process that is closely monitored throughout all its various stages.

The system consists of a 6-axis robot, designed to carry out all the operations in a highly flexible manner and to handle an infinite number of sharpening programmes and work process variants. The process commences with a unit which sprays the knife ring automatically with moving jets of water, after which it is brushed and dried with compressed air.

The knife ring is then placed in a dedicated, fully enclosed area where all the operations are carried out in safety without the need of any operator.

Each knife is removed automatically and then checked by an optical scanning system to determine the relative profile and how much material needs to be sharpened away.

All the operations are handled automatically and details on knives and wear plates condition are used to optimize the flaker performances.



MODEL	OVERALL DIMENSIONS mm			
	Width	Length	Height	Area
ASR 490	8000	7000	2400	
ASR 690	8000	7000	2400	
ASR - Customized	***	***	***	approx 60 m <sup>2</sup>

TECHNICAL DATA	
TIME	From 30 to 70 min
NUMBER OF WORK CYCLE	4
TYPE OF CYCLE	FULL CYCLE FROM STORE TO RING FROM SHARP TO STORE FROM STORE TO KNIVES SETTING
KNIFE SETTING	0.1 mm ±0.1
KNIFE SHARPENING RESOLUTION	0.01 mm ±0.02
TOTAL INSTALLED POWER	38 kW

\*\*\*According to customer needs