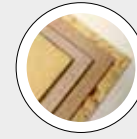


SHARPENING ROOM

ASR**BEST IN CLASS FOR:**

WOOD BASED PANELS:

PB/SPB

OSB/LSB/FOSB

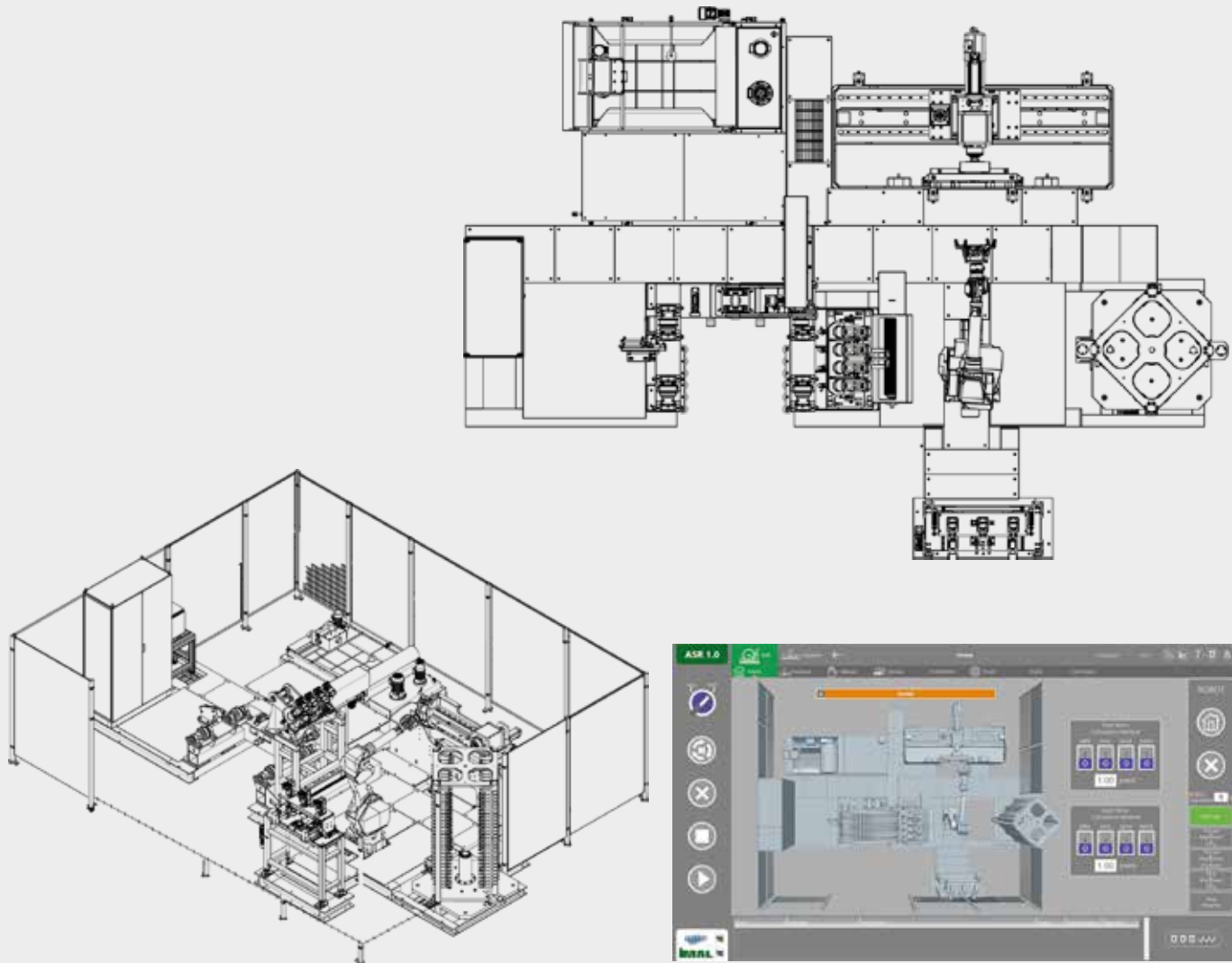
The machine is designed to turn sharpening into a fully automated process that is precisely monitored at every stage.

TECHNICAL FEATURES

- Feeding and fixation of the knife ring
- Detection of wear plate condition
- Detection of knife protrusion
- Knife cleaning with rotating brush
- Individual resharpening of each knife
- Automatic screwing with torque monitoring
- Detection of damaged screws and lifetime alert function
- Connection to the SmartBox system for mill performance analysis (consumption, front/back wear, kWh/ton)
- Integrated knife magazine for up to 2 consecutive sharpening cycles

BENEFITS

- Reduced knife consumption by up to 50% thanks to optimized sharpening and automatic adjustment
- Selective and minimally invasive grinding: only the necessary material is removed – for longer knife life
- Maximum productivity: 54 knives in 50 minutes, up to 16 rings per day
- Maximum safety: enclosed cell with no manual intervention
- Controlled screwing: precise tightening torque for each screw – error-free and repeatable
- Intuitive operation: HMI touchscreen with advanced diagnostics
- Enhanced connectivity: real-time monitoring of knife performance for each ring and each mill



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

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