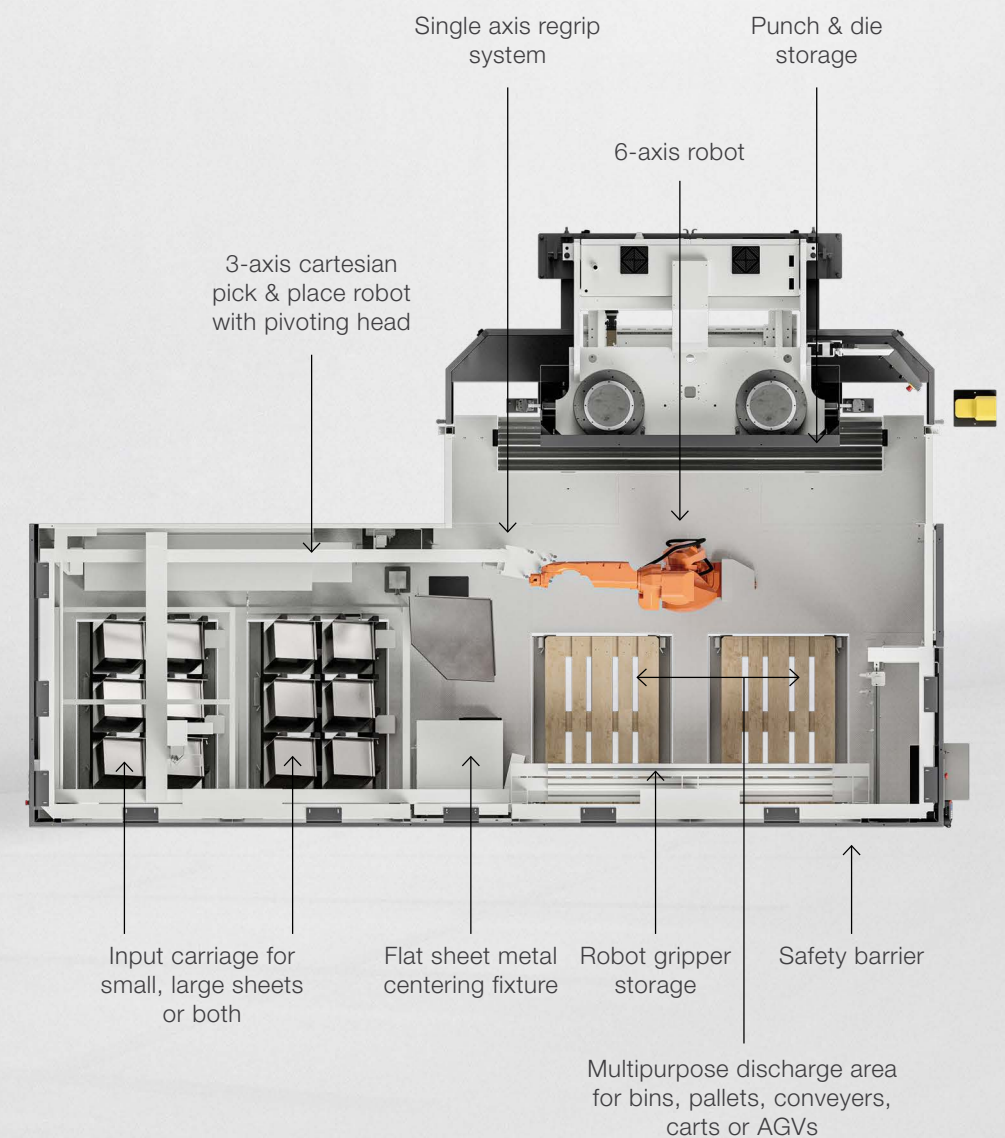


PROBEND HBS II

ROBOTIC BENDING CELL



FULLY AUTOMATED WORKFLOW

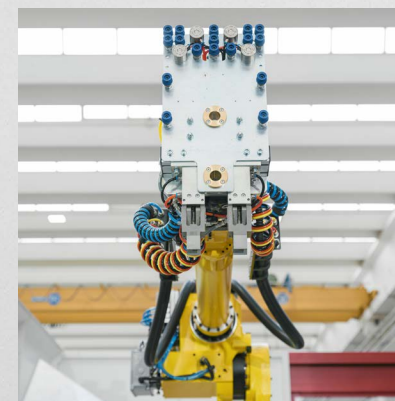
From sheet loading to bending and palletizing, the ProBend HBS II handles the entire process with minimal operator intervention, reducing labor costs and human error.

FLEXIBLE AND ADAPTIVE GRIPPING

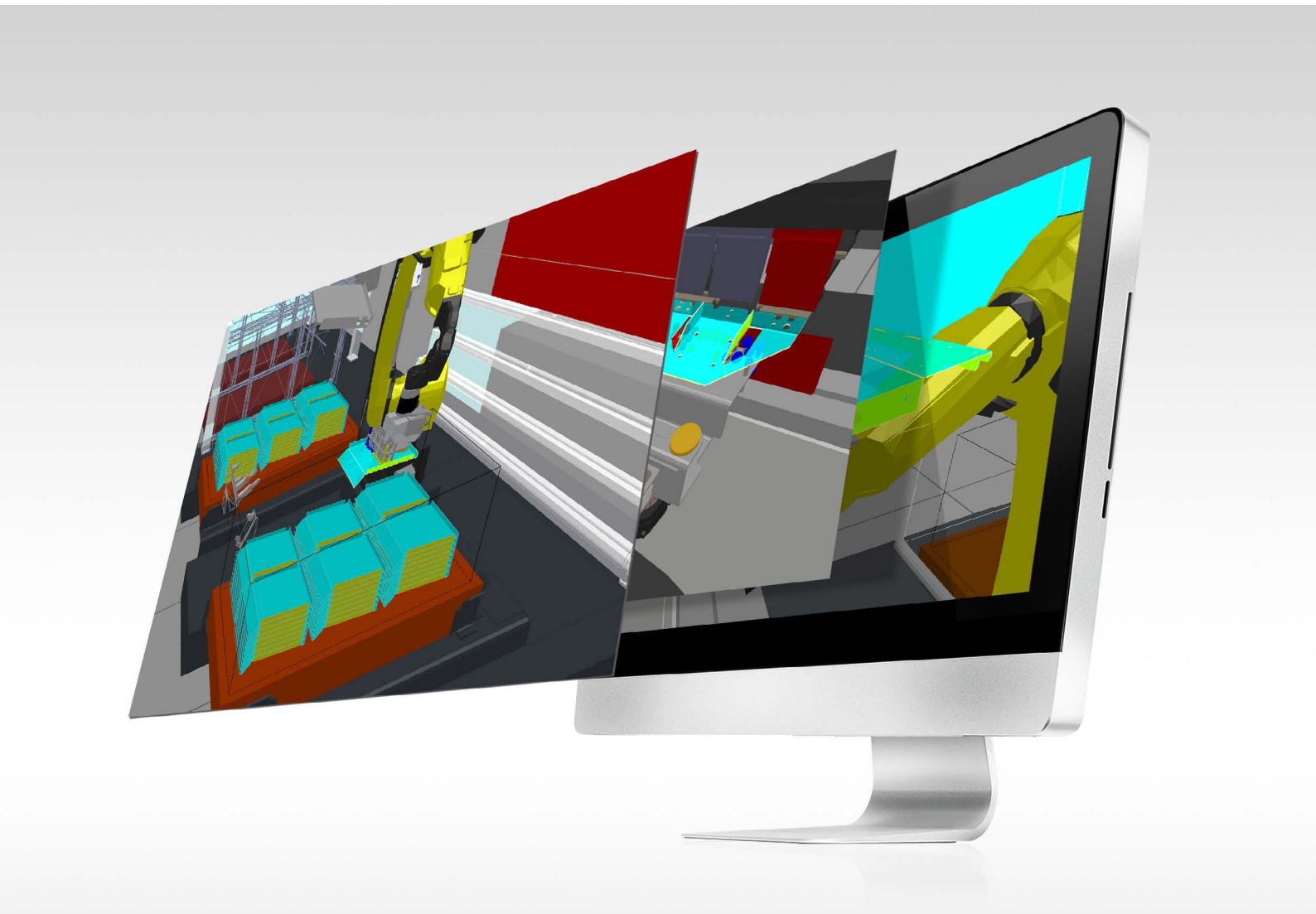
Multiple robot grippers with quick-change capabilities allow the seamless adaptation to different workpiece sizes and geometries.

HIGH-SPEED BENDING WITH PRECISION

The integrated Sheet Following System ensures real-time synchronization between the robot and the press brake, adjusting movements dynamically for perfect bending angles.



OFFLINE SOFTWARE PACKAGE GIVES YOU COMPLETE CONTROL



SEAMLESS CONNECTIVITY

SimulEasy 1.0 supports DXF import with layers of the external outline and bends – including both initial and final angles. This can be directly transferred to the robot and press brake for efficient production.

SIMPLE SETUP

Create optimal robotic movements for part handling, define tooling, verify bends and adjust bending styles and part orientations to ensure safe movements with one software.

EASY PROGRAMMING

Programming the ProBend HBS II is straightforward because of its intuitive simulation tools and integrated software. Manage both the robot and press brake, including tooling changes and coordinate real-time operations.

TECHNICAL SPECIFICATIONS

Technical features	
Machine model	Probend HBS II
Dimensions	100" x 192" x 95" (2500 x 4870 x 2390 mm)
Weight	~15,500 lbs (~7,000 kg) without press brake
Fanuc Robot Capacity	55 lbs (25 kg) at wrist
Maximum Sheet Metal Size	24" x 24" (600 x 600 mm) or 32" x 8" (800 x 200 mm)
Maximum Sheet Thickness	0.24" (6 mm)
Maximum Workpiece Weight	18 lbs (8 kg)
2 Input carriages with 6 stations (additional configurations available) for smaller sheet metal	Maximum part size: 13" x 11" (330 x 280 mm) Maximum stack height: 9.8" (250 mm)
2 Input carriages with a single holding station for larger sheet metal Maximum part sizes	23.6" x 23.6" (600 x 600 mm) 31.5" x 7.9" (800 x 200 mm)
Discharge pallet & bin dimensions	Compatible with standard wooden pallets or AGV (Automated Guided Vehicle) option
Total length of tool storage	511.8" (13,000 mm)



Features, weights, dimensions, capacities and performances of the machines are not binding and may be subject to change without notice. Pictures are for demonstration purpose only. CE Version: Max. bending speed 24 inches/minute.