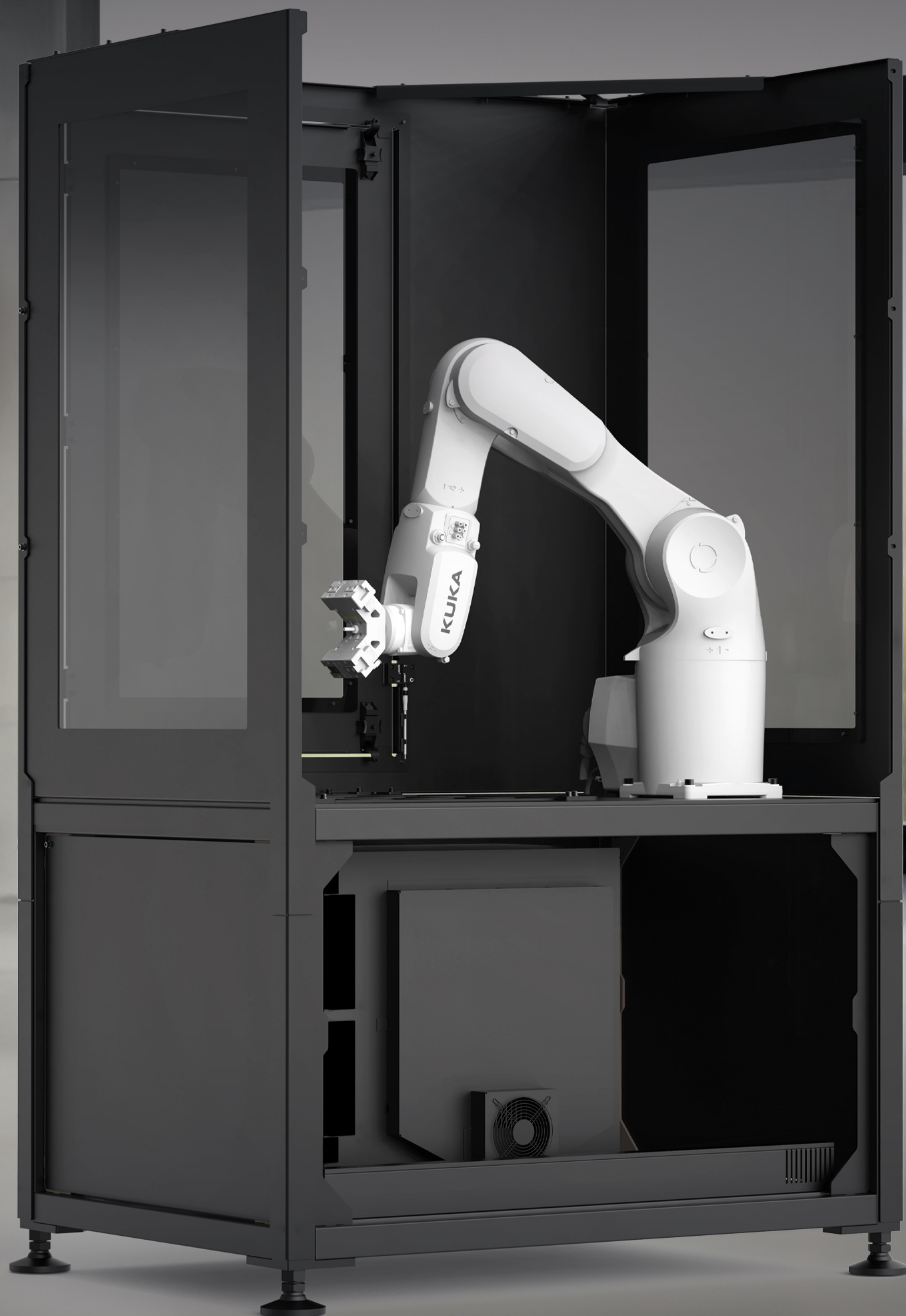


THE R1

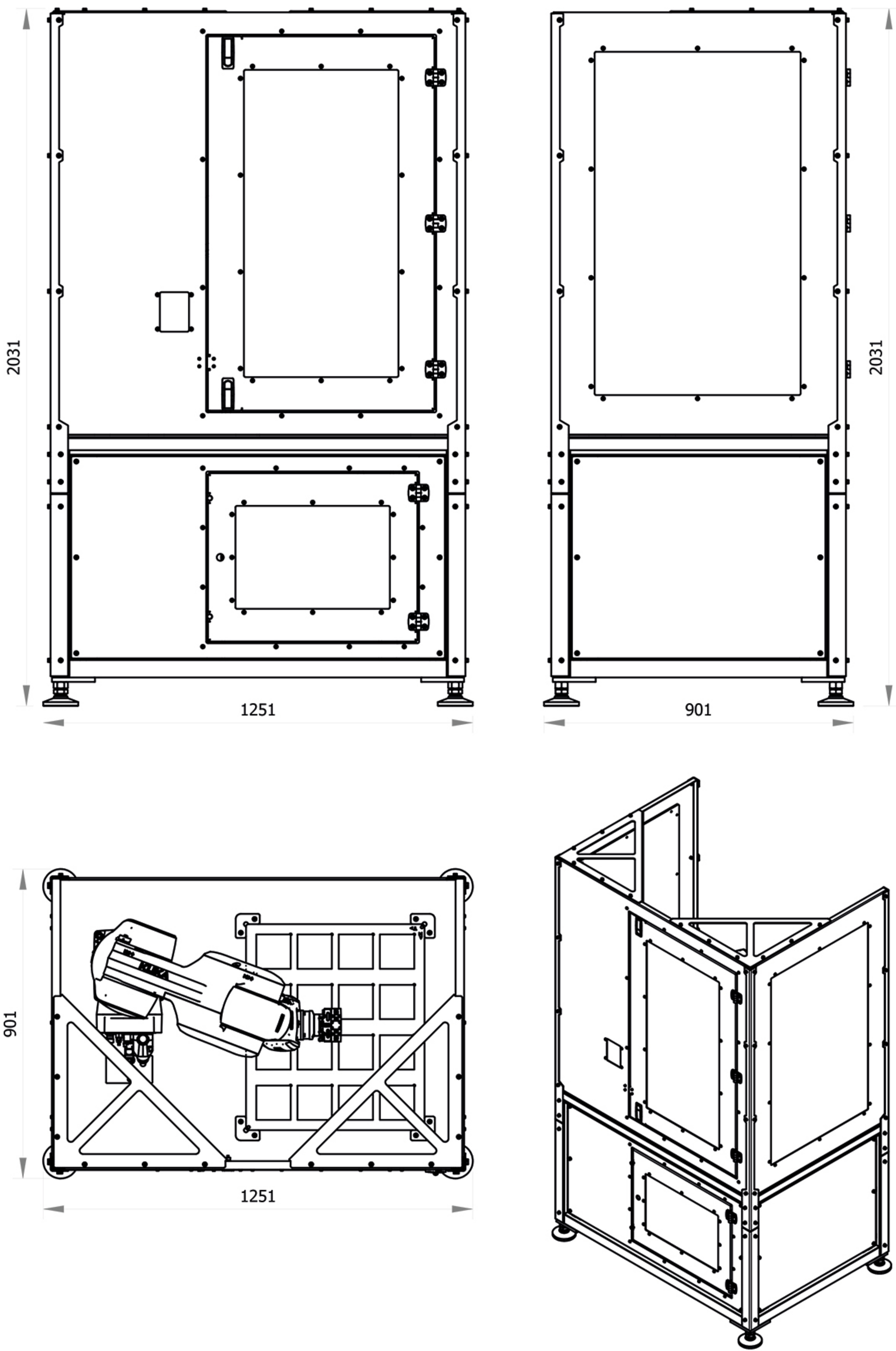


Tending System
powered by KUKA

SYIL

R1

KUKA-Powered Machine
Tending



The R1 package includes:

- > Compact frame, with a flat table for handling materials
- > KUKA robot arm
- > Robot tooling

The cell is prepared for plug-and-play integration with a Siemens Sinumerik 828-equipped SYIL machine.

Options

- > Work holding package
- > Dual gripper package
- > Auto door

Technical
Specifications

Part weight max (kg)	3
Robot arm	
Payload (kg)	6.7
Reach (mm)	901
IP level (arm wrist)	IP65 IP67
Pose repeatability (ISO 9283) (mm)	± 0.02
Robot tooling	
Parallel pneumatic gripper	1
Set of universal fingers	1
Cleaning nuzzles	1
Stroke per jaw (mm)	8
Closing force (N)	550
Opening force (N)	610
Material handling method	Grid pattern
Available space (mm)	600 × 520 × 150
Unit size (mm)	850 × 1200 × 2000
Electrical requirement	200-240 VAC - 16 Amp
Pneumatic requirement (psi)	90-120