

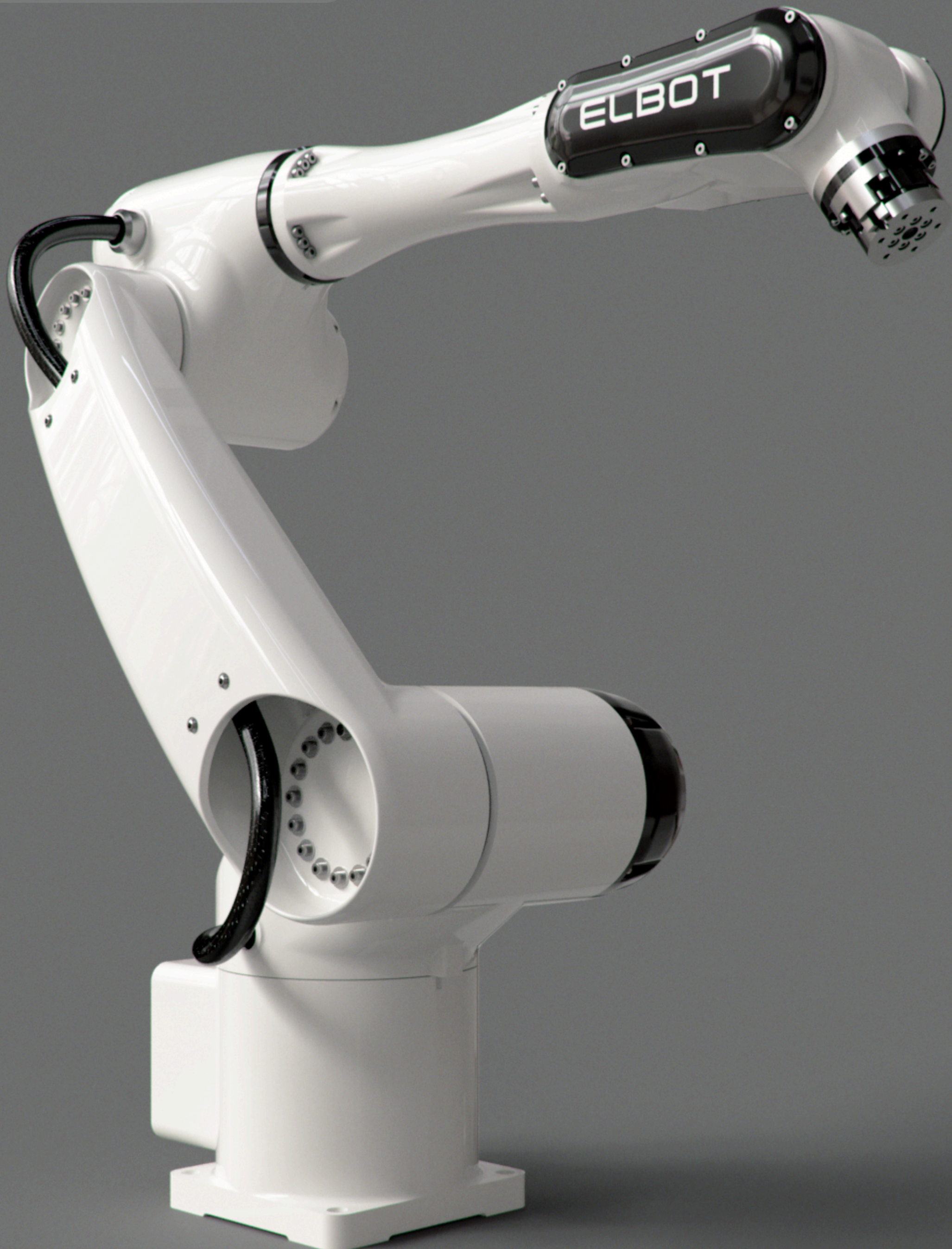
ELBOT

S-5

Smarter Automation. Safer Production.
6-Axis Industrial Robot

High-Precision
Industrial Automation Robot

Payload 10 kg Reach 1315 mm

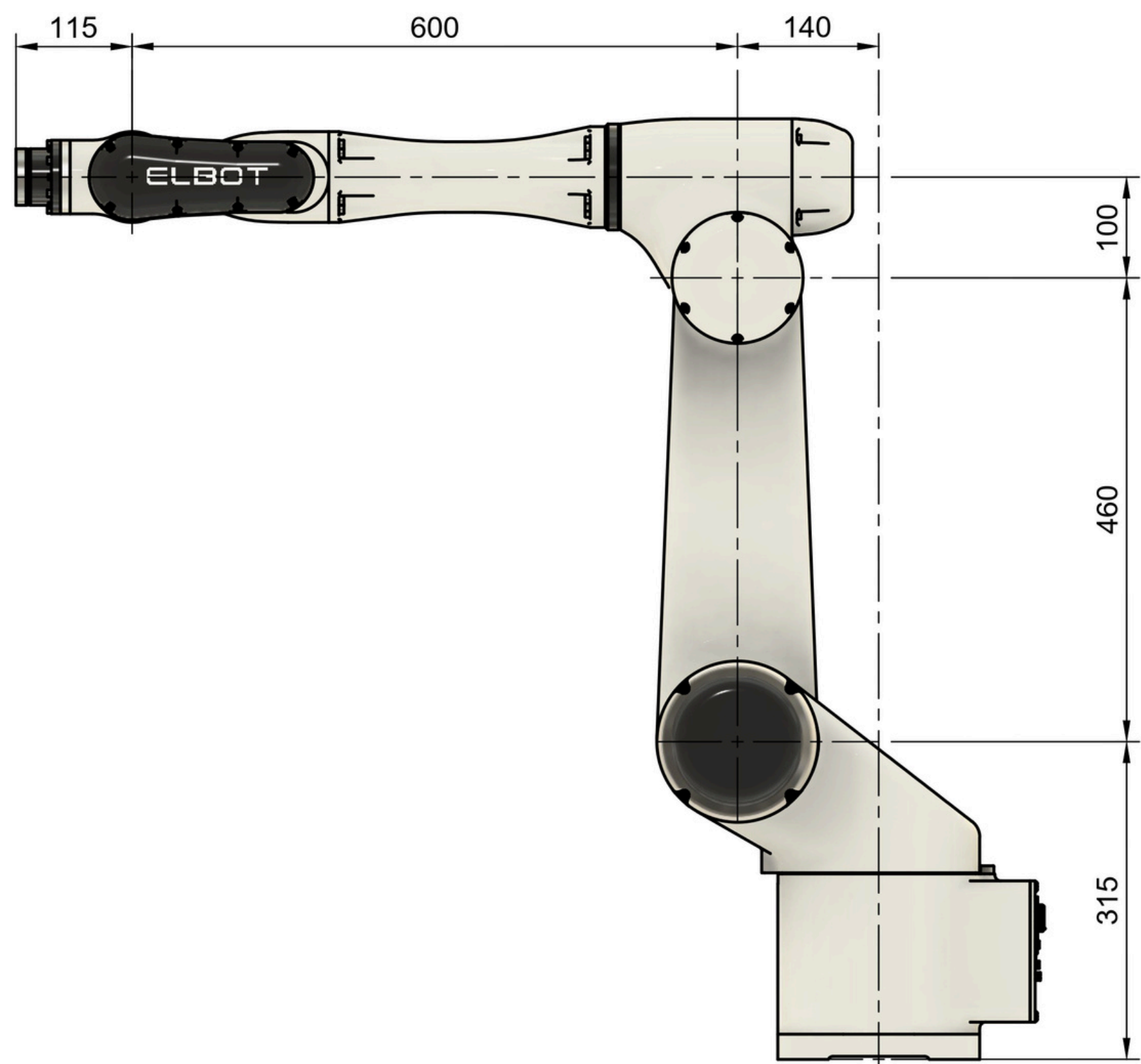


ELBOT JSC

Industrial Automation Solutions

ELBOT S-5

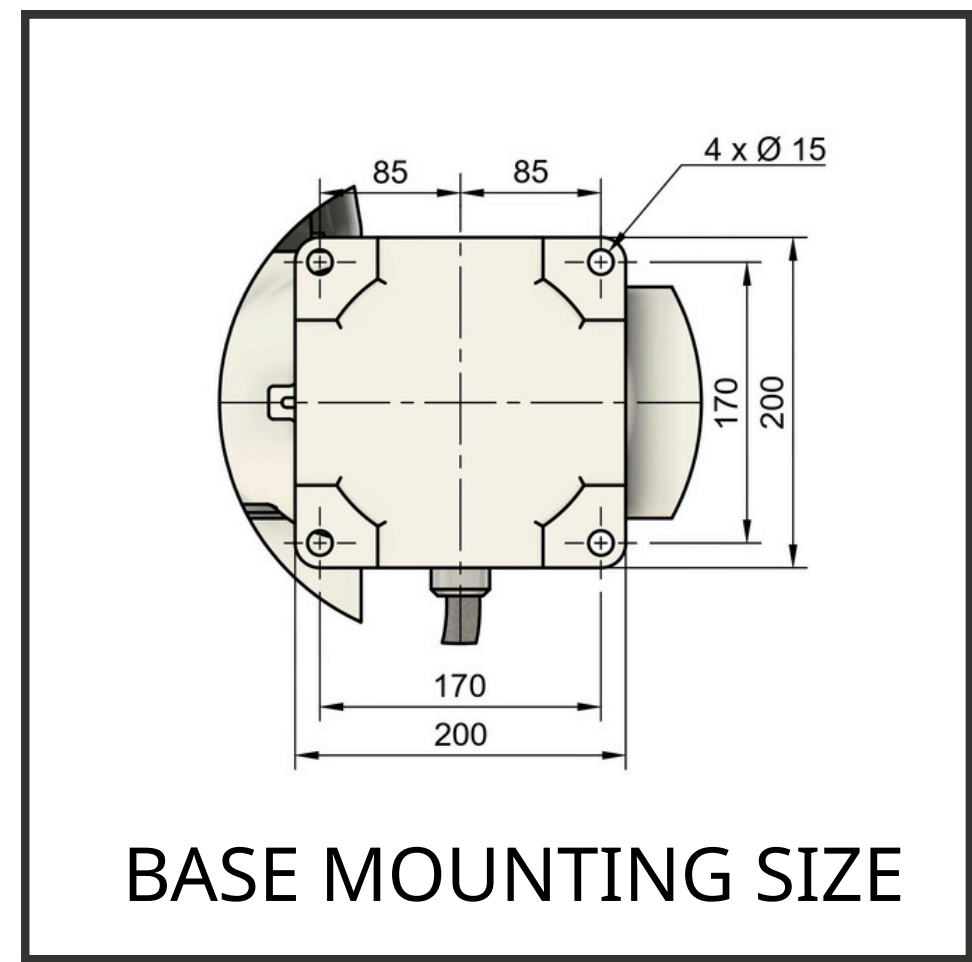
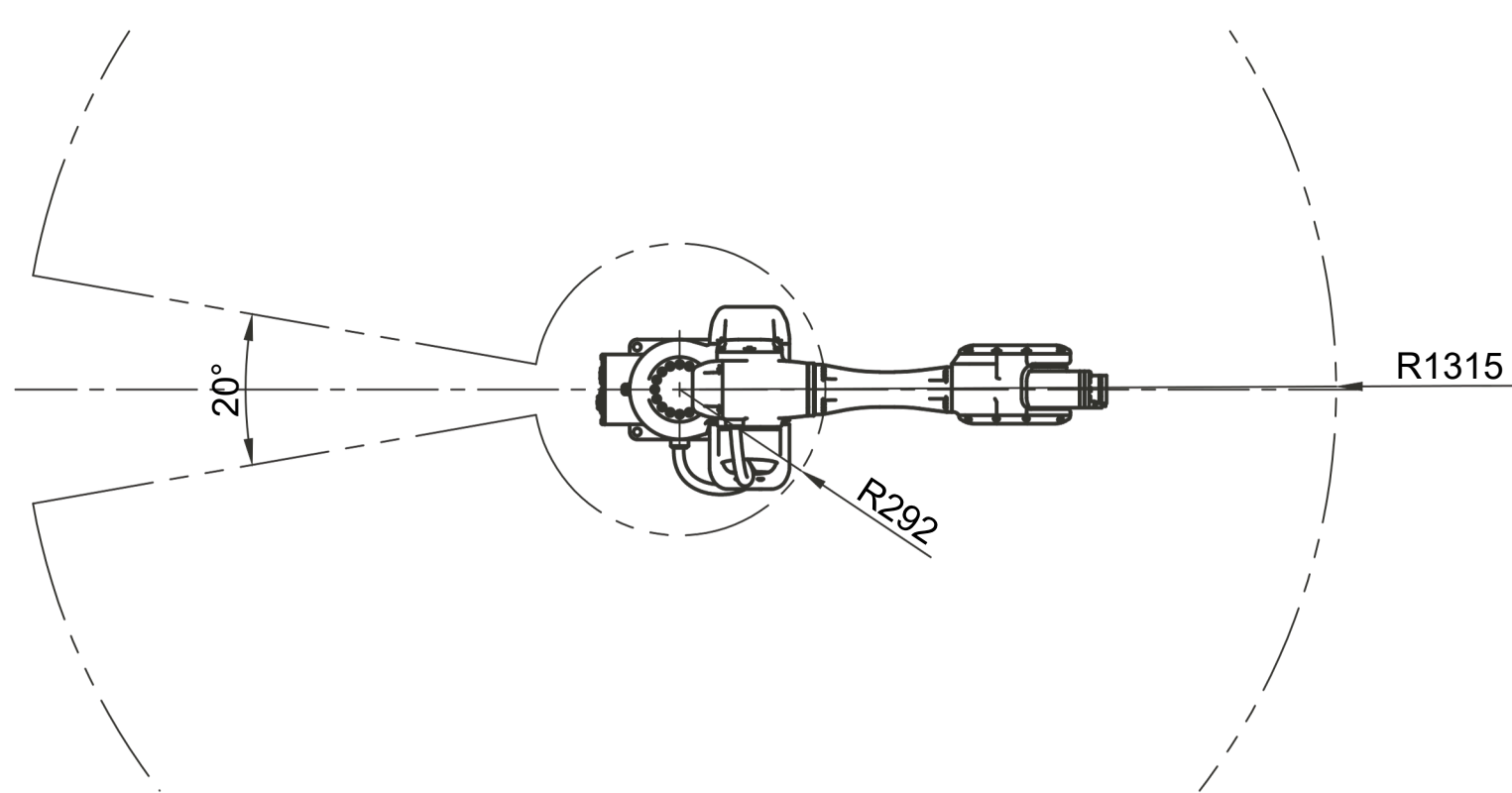
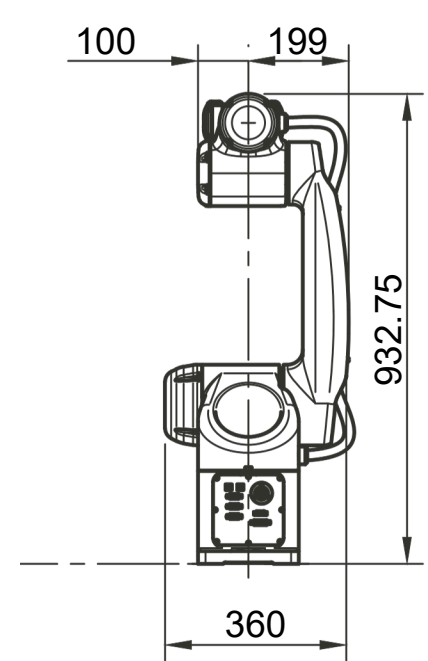
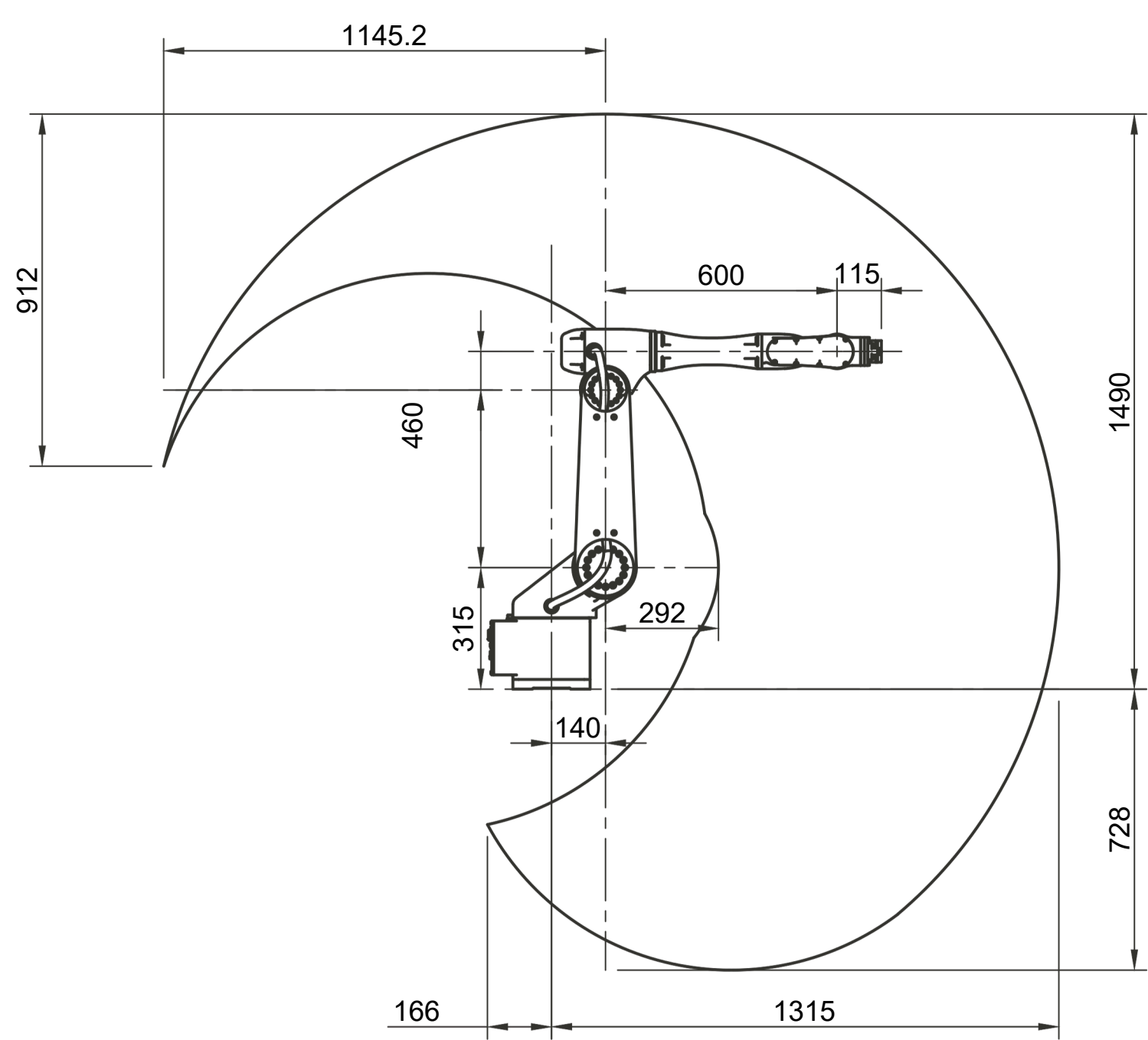
SPECIFICATION



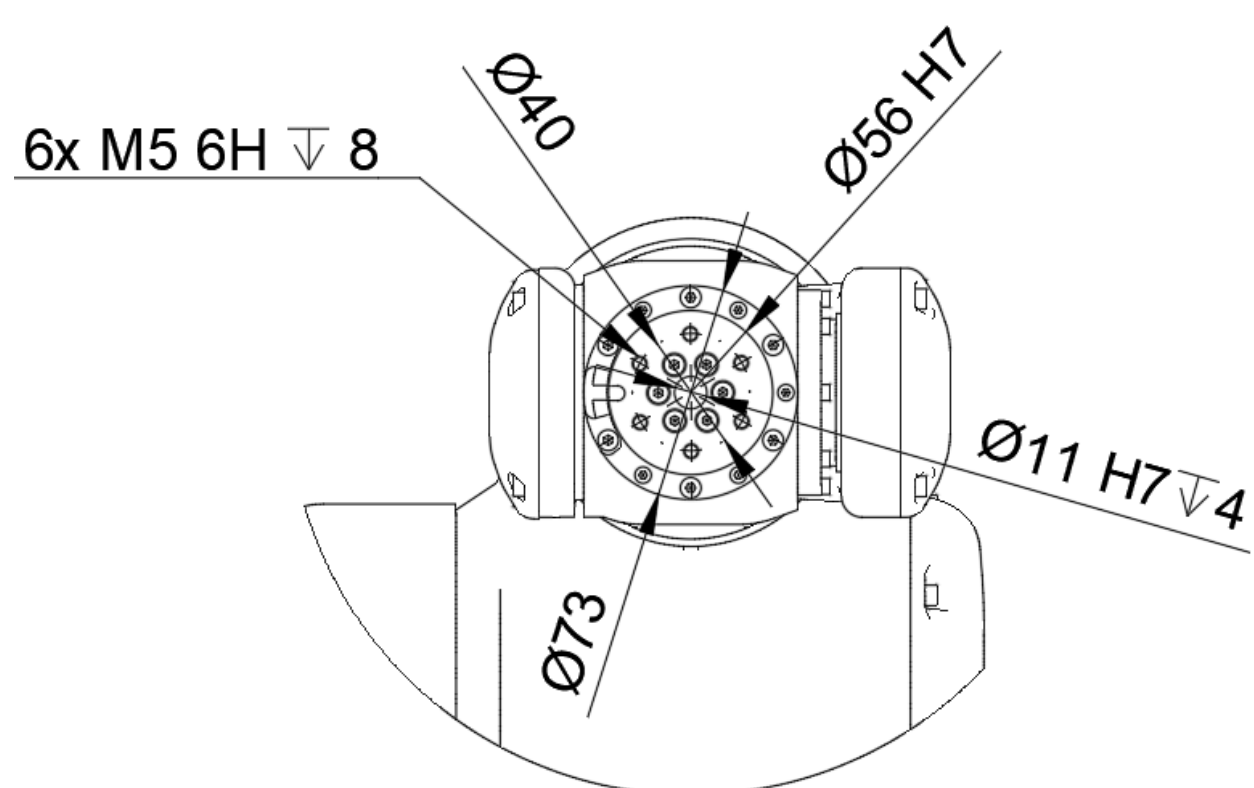
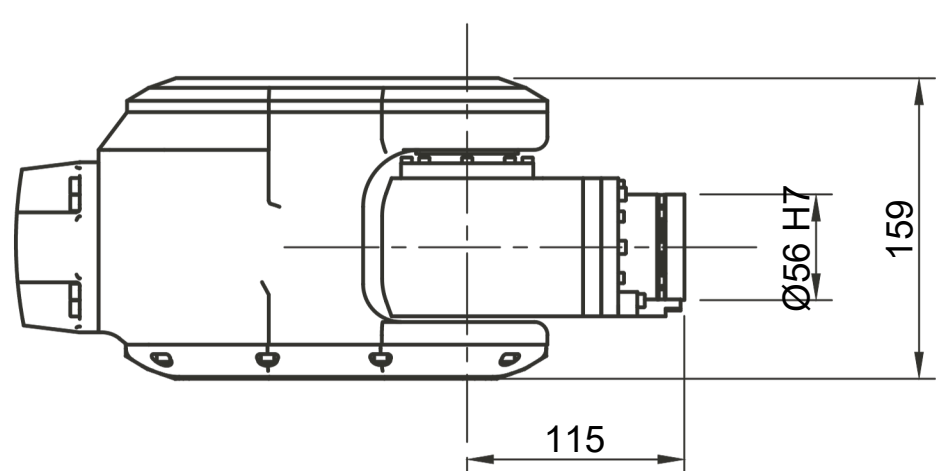
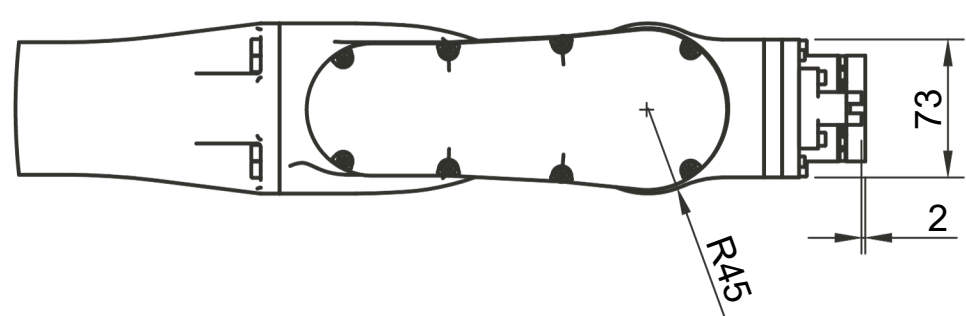
• Model	ELBOT S-5
• Reach	1315 mm
• Max payload	10 Kg
• Repeatability	±0.1 mm
• Controller axes	6
• Mounting Position	Floor
• Base Dimensions	200 x 200 mm
• Robot Weight	~48 kg
• Max Speed	2m/s
• Operating Temperature	5-45°C
• (IP Rating)	IP53
• Power Supply	220V AC

Motion range	• J1	±170°
	• J2	-85°/ +135°
	• J3	-80°/ 90°
	• J4	-160°/ +160°
	• J5	-125°/ +125°
	• J6	±360°

OPERATING SPACE



END FLANGE MOUNTING SIZE



WELDING POWER SOURCE

MIG Welding Machine – Jasic NB-350E

The Jasic NB-350E MIG Welding Power Source is an industrial-grade inverter welding machine designed to deliver stable arc performance, high welding quality, and reliable operation in manufacturing environments. With advanced IGBT inverter technology, the system provides excellent arc stability, high efficiency, and reduced power consumption. The machine supports both MIG (GMAW) and MMA welding processes, making it suitable for a wide range of metal fabrication applications and robotic welding integration.

Key Features

Wide Welding Current Range

- MIG welding current: **50 – 350 A**
- MMA welding current: **20 – 350 A**

Suitable for welding metal materials with thicknesses ranging from **2 mm to 12 mm**.

Wide Welding Current Range

- Easy arc ignition
- Smooth and stable arc
- Low spatter
- Deep weld penetration

Ensures high weld quality and repeatability, essential for automated welding systems.

Industrial Standard Accessories

- Panasonic-standard wire feeder interface
- Compatible with P350 MIG welding torch
- Designed for high current welding applications.

Dual LED Display

Two independent LED displays allow clear monitoring of:

- Welding current
- Welding voltage

This improves usability and operational control during welding.

Welding Modes

- 2T / 4T trigger mode
- Supports continuous welding operation and automated welding processes.

IGBT Inverter Technology

- High power efficiency
- Compact design
- 40–60% energy saving compared to conventional welding machines.

Protection and Reliability

- Protection class IP21
- Insulation class F
- Automatic voltage compensation during input voltage fluctuations
- Built-in protection for overheating and overcurrent

These features ensure long-term reliability in industrial environments.

Technical Specifications

Specification	Value
Input Voltage	3-phase AC 380V ±15%, 50 Hz
Rated Power	13.9 kVA
Power Factor	0.93
No-load Voltage	60 V
MIG Welding Current	50 – 350 A
MIG Welding Voltage Range	15 – 38 V
Maximum MIG Output	350 A / 31.5 V
MIG Output Characteristic	CV
MMA Welding Current	20 – 350 A
Maximum MMA Output	350 A / 35 V
MMA Output Characteristic	CC
Efficiency	85 %
Duty Cycle	50 %
MIG Wire Diameter	0.8 – 1.2 mm
Wire Spool Capacity	15 kg
Cooling Method	Air cooling
Protection Class	IP21
Insulation Class	F
Weight	~32 kg
Dimensions	592 × 297 × 526 mm