

Lesta LEBOT DG



6-axis anthropomorphic robot



Compatible with ATEX environment

Protection class: ATEX zone 2/22 Cat. 3G/3D

Arm material: Aluminium

Total weight: 80 kg

Repeatability: <1 mm at the wrist

Power supply: single-phase 220V

DG A6-5

Wrist capacity: 5 kg

Repeatability: +0.03 mm at the wrist

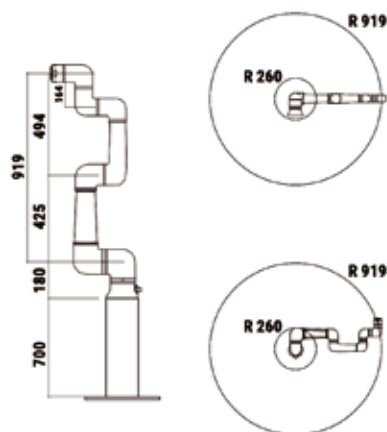
Working area radius: 919 mm

Maximum wrist speed: 2.5 m/s

Maximum speed axes 1, 2, 3: 150°/s

Maximum speed axes 4, 5, 6: 180°/s

Working temperature: 0-50°C



DG A6-10

Wrist capacity: 10 kg

Repeatability: +0.05 mm at the wrist

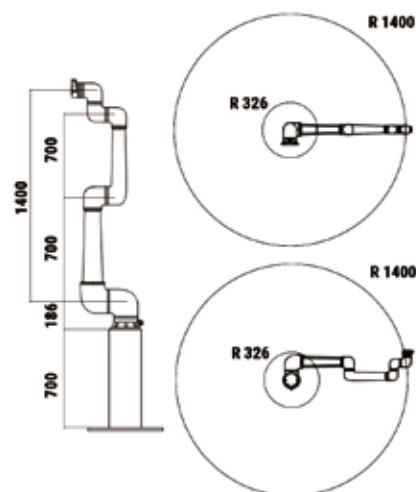
Working area radius: 1400 mm

Maximum wrist speed: 2.5 m/s

Maximum speed axes 1, 2, 3: 150°/s

Maximum speed axes 4, 5, 6: 180°/s

Working temperature: 0-50°C



DG A6-20

Wrist capacity: 20 kg

Repeatability: +0.1 mm at the wrist

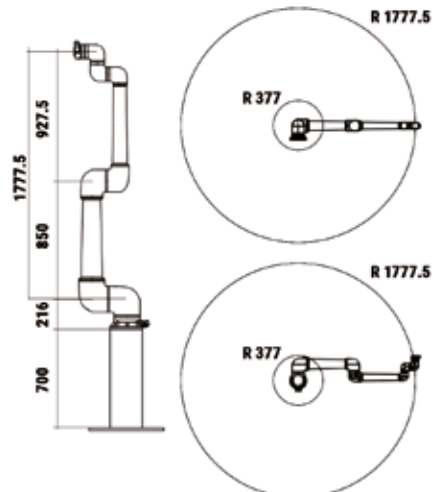
Working area radius: 1777 mm

Maximum wrist speed: 3.2 m/s

Maximum speed of axis 1,2: 110°/s

Maximum speed of axis 3: 150°/s

Maximum speed of axes 4,5,6: 180°/s



POSSIBILITY OF PAIRING WITH Lesta GESTURE

Lesta GESTURE is a gesture programming solution for industrial robots that allows a painter to "teach" the robot the trajectory simply by performing it manually with a spray gun equipped with sensors. The painter's movements during recording are captured by special cameras which, connected to the software, project the actual painting path into a virtual environment. The robot will then automatically repeat the same trajectory using its own spray gun mounted on its wrist.

