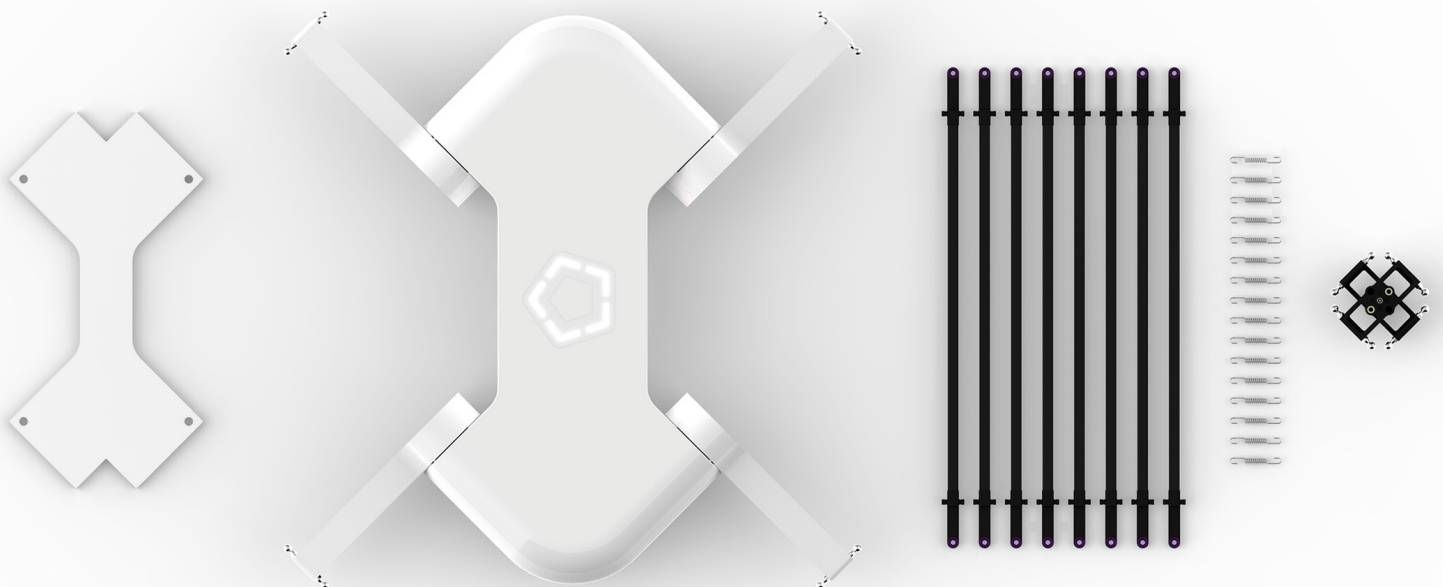




Moving parallel robotics forward.

Market requirements formed the basis for the development of the **veloce.** parallel robot. The result is a design that fulfils the demand for durability, speed, precision and optimal flexibility. The **veloce.** parallel robot is based on a modular design with a revolutionary drive construction and unique rotation options. The **veloce.** robot provides an auspicious return on your investment.

- Workspace up to 2200 mm
- Rotation driven by parallel architecture
- High payload
- Hygienic design
- No dedicated software needed
- Low and easy maintenance



Technical Specifications

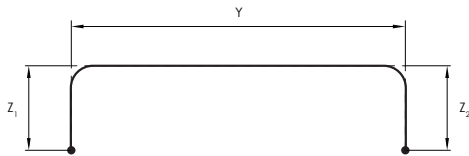
General

| | |
|------------------------|--------------|
| Structure | parallel |
| Mounting | top |
| Controlled axes | 4 |
| Maximum payload | 10 kg |
| Position repeatability | ± 0.1 mm |
| Rotation range | 90° / 180° |
| Noise level | < 60 dB(A) |
| Protection | IP65 / IP67 |
| Ambient temperature | 0° C - 40° C |
| Humidity | up to 95% |
| Mass | 79 kg |
| CE compliant | |

Performance

| | |
|----------------------|----------------------|
| Maximum velocity | 10 m/s |
| Maximum acceleration | 200 m/s ² |

Cycle times



Standard
Path $Z_1 \times Y \times Z_2$

25 mm x 305 mm x 25 mm

Extended
Path $Z_1 \times Y \times Z_2$

25 mm x 700 mm x 25 mm

| | | |
|---------|--------|--------|
| 0.2 kg | 0.32 s | 0.49 s |
| 1.0 kg | 0.37 s | 0.51 s |
| 3.0 kg | 0.49 s | 0.54 s |
| 7.5 kg | 1.17 s | 1.47 s |
| 10.0 kg | 1.37 s | 1.61 s |

Cycle times conducted in the laboratory at the University of Twente are measured including rotational platform and gripper bracket.

Please contact us to define your specified requirements in real time at our test center.

Dimensions per workspace

Zero footprint for all configurations.

| Size | ØA | B | C | D |
|-------------|---------|---------|--------|--------|
| Small | 1400 mm | 660 mm | 230 mm | 700 mm |
| Medium | 1700 mm | 680 mm | 210 mm | 950 mm |
| Large | 1900 mm | 1080 mm | 550 mm | 780 mm |
| Extra large | 2200 mm | 1070 mm | 420 mm | 950 mm |

