



PULSE

THE FIRST COLLABORATIVE ROBOT THAT
REPORTS STRAIGHT TO YOUR WRIST



PULSE ROBOTIC ARM

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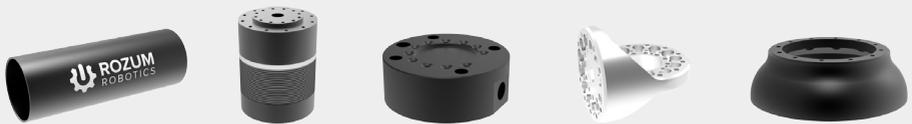
PULSE is a new-generation robotic arm that welcomes the simple, wireless handheld life to the world of cobots.

With PULSE, you get the freedom to control your robots and make routine and emergency decisions from anywhere - via a tablet, a smartphone or even a smart watch!

Take an industrial grade Android tablet, or a usual Apple iPad, you can run the robot and pair the app to your smart watch to get instant notifications and do simple control operations.

This is made possible thanks to PULSE DESK - a new, utterly convenient software platform for easily managing robots and integrating them into any working environment.

PULSE CAN ALSO TAKE ANY CUSTOM SHAPE



PULSE is built using a system of standardized modules. With this technology, we can quickly design and build a custom robot for your specific needs.

We are ready to start discussion to suggest a configuration that will exactly suit your tasks. Please get in touch with our experienced specialists to get a free consultation.

PULSE DETAILS

SUPERIOR PERFORMANCE IN SLEEK AND LIGHTWEIGHT DESIGN

This arm itself is a cutting edge cobot, built with all the latest technology to demonstrate superior working performance:

- **Ultra lightweight and mobile**
- **Strong and dexterous**
- **Precise**
- **And fast**



Safety-wise, it is everything you can expect from a truly collaborative robot made to work and cooperate with human.

PULSE arm is compatible with end-effectors made by Rozum Robotics as well as 3rd-party end-effectors.

TECHNICAL DETAILS

- 6 DOF
- Weight 8 kg
- Payload 3 kg
- Reach 700 mm
- Repeatability +/-0.1 mm
- Nominal speed 30 rpm
- Linear speed 2 m/sec
- Rated voltage (VDC) 48
- Communication CAN
- Average power 100W
- Standby mode power 10W
- Operating temperature: - 10 °C to + 45 °C
- API: C/C++/C#/Java/Python/ROS
- Controller: PC/Mobile/Raspberry PI

PULSE is built upon our own cutting edge RDrive servo motors that are remarkable for higher speeds and torques, increased durability, smaller weight and greater precision. This makes our robotic arm more dexterous, durable and very lightweight.

PULSE DESK SOFTWARE

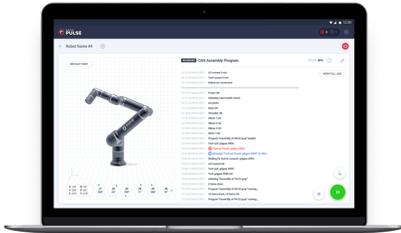
NEW SOFTWARE FOR EFFORTLESS CONTROL OF ROBOTS FROM ANYWHERE.
AT ANY TIME. ON ANY DEVICE.

PULSE DESK is an utterly convenient new software platform for easily programming, managing robots and integrating them into any working environment.

We are committed to providing comprehensive data on robots, their tasks and conditions and making robot programming and control a no-effort task that is very easy to learn. The focus features of PULSE DESK are:

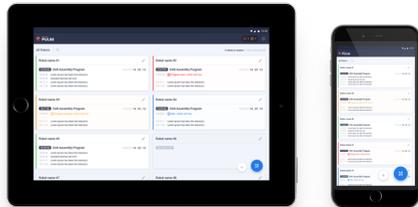
- **Fantastic usability and easy operation**
- **Instant notifications on any device**
- **Comprehensive info on robots, workcell and supplies**
- **Open API**
- **Zero learning curve**

THIS IS PULSE DESK IN MORE DETAIL



- 4-D visualization of robot
- Robot identification data
- Event overview with real-time faults
- Detailed event log

- Sortable robot list
- Convenient search
- Easy robot location by QR code
- Quick stats on each robot

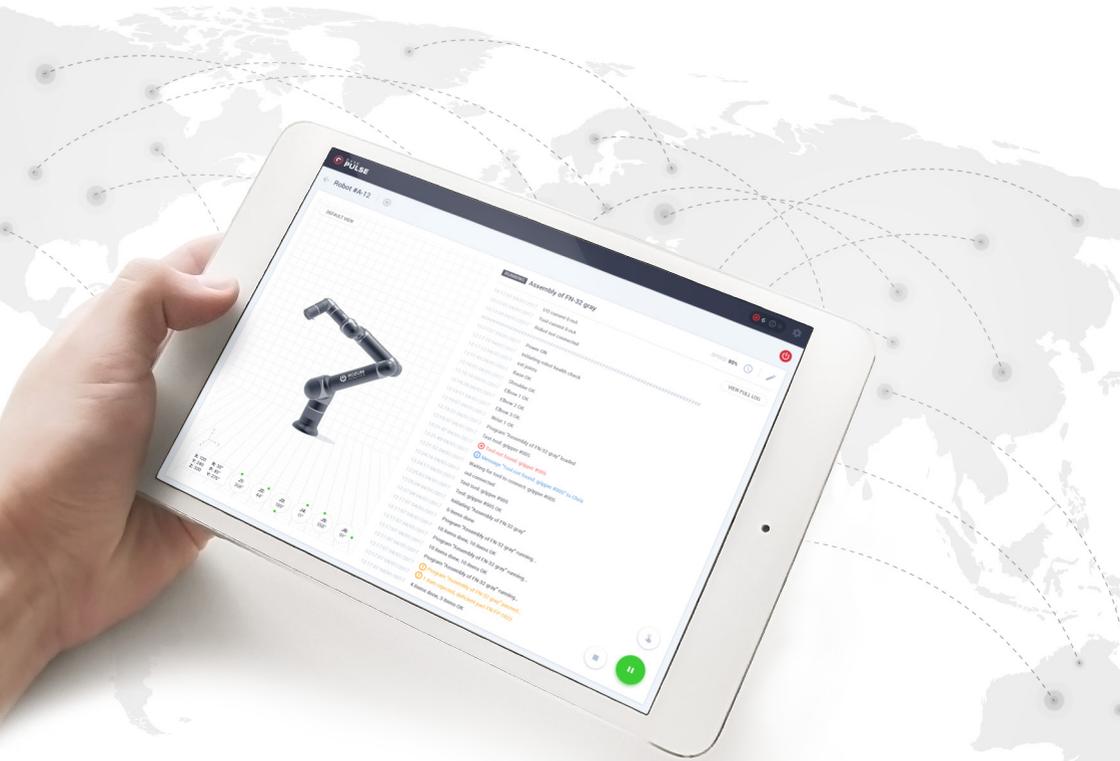


- Real-time notifications on any device
- Instant fault notifications
- Quick robot state reports
- Working environment, material supply



PULSE + PULSE DESK

A CUTTING EDGE ROBOT SERVED WITH CUTTING EDGE SOFTWARE



It is not only about excellent performance of PULSE, its mobility and human-friendliness. And it is not even about putting the robotic arm into use within minutes or being able to control the robot from any device and from anywhere.

Altogether, PULSE arm and its software are a new approach to further integrating robots into production and everyday life, making them more intelligent, habitual to humans and so much easier to control.

ASK ABOUT PULSE FOR YOUR ENTERPRISE:

**www.rozum.com
sales@rozum.com**

+375 33 376 04 60

