

A close-up photograph of a white collaborative robot arm, likely a Franka Emika model, in a factory environment. The robot is positioned in the foreground, with its arm extended. The background is blurred, showing industrial structures and lighting. The text "Collaborative robotics. Business ready." is overlaid on the left side of the image, with a blue horizontal line above the first word and a blue square below the second word.

**Collaborative robotics.  
Business ready.**

**The TQ Franka Solution Center**



# MEET FRANKA EMIKA PANDA

## The award-winning cobot for every business

Panda from Franka Emika is the collaborative robot for every business: priced affordably, simple to set up and made in Germany. It can easily be taught to perform repetitive tasks with agility, flexibility and a precise sense of touch. Panda allows companies to significantly lower the costs associated with monotonous and tedious jobs, while freeing up employees for more challenging work.

### + Cutting-edge engineering

Inspired by human agility and sense of touch, Panda is a sensitive and extraordinarily versatile power tool. With torque sensors in all seven axes, the arm skillfully and delicately manipulates objects, flawlessly accomplishing tasks you program it for.

### + Quick setup

Panda is delivered in a single, compact, lightweight box and was designed to enable straightforward, simple and quick setup for users of all skill levels.

### + Simple teach-In

Program Panda by arranging apps on an intuitive, click-and-drag interface that runs on any browser. To teach Panda positions, simply take it by the hand and guide it, step by step. Test your workflow, save the task – and let Panda get to work.

### + Flexible repurposing

Panda can be utilized for a wide range of tasks, from pick-and-place and assembly to screw-fastening and device-testing. Multiple Pandas can be modularly combined to carry out entire production processes or re-purposed with minimal effort.

### Rapid ROI

In most industries Franka Emika Panda results in a return on investment (ROI) within a single year.



# DISCOVER THE TQ FRANKA SOLUTION CENTER

## Your partner for turnkey solutions with Franka Emika Panda

The TQ Franka Solution Center is a certified, official reseller, solution and training partner for turnkey Franka Emika Panda solutions. Located directly within the Franka Emika production facilities, the TQ Franka Solution Center provides ready-to-implement robotic solutions consisting of robots and peripheral hardware, applications, consulting and training from a single source.



- Sensitivity in all 7 axes +
- 7 Degrees of freedom +
- Highly integrated joint modules +
- Artificial reflex system +
- Learning ability +
- German precision +



### Solution package 1 + Pick-and-place

The Franka Emika Standard Gripper is designed to enable most pick-and-place applications and can be easily adapted to material-specific gripper pads via 3D printing. Additional applications are possible using either the Franka Emika Vacuum Gripper or off-the-shelf vacuum nozzles.

### Solution package 2 + Screw-fastening

The TQ Franka Solution Center offers an out-of-the-box solution enabling you to fully automate screw-fastening tasks. This unique solution combines the Franka Emika Panda with the innovative Atlas Copco micro-torque screwdriver.

### Solution package 3 + Quality assurance

The TQ Franka Solution Center is currently integrating camera capabilities for monitoring, bin picking, AOI and other tasks. In combination with embedded systems like the TQ MBox communication gateway, Panda enables both real-time and historical quality assurance.

### + Hands-On Training

The TQ Franka Solution Center offers an intensive, one-day workshop covering all essential aspects of implementing, adapting and using Franka Emika Panda. The workshop enables production managers, technical innovation managers and others responsible for streamlining manufacturing to implement their own use cases with Franka Emika Panda.



# EXPERIENCE THE TQ DIFFERENCE

## Benefits at a glance

- One-stop shop for Franka Emika Panda, including peripheral hardware, system software and tool apps
- Professional training and on-site consulting
- Franka Live: View Panda in TQ's own assembly line
- Direct factory ordering and certified sales
- Quick delivery and implementation
- Rapid ROI of less than 1 year
- 100% made in Germany

**Get started today**

**[tq-group.com/franka-solution-center](https://tq-group.com/franka-solution-center)**

## CONTACT

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