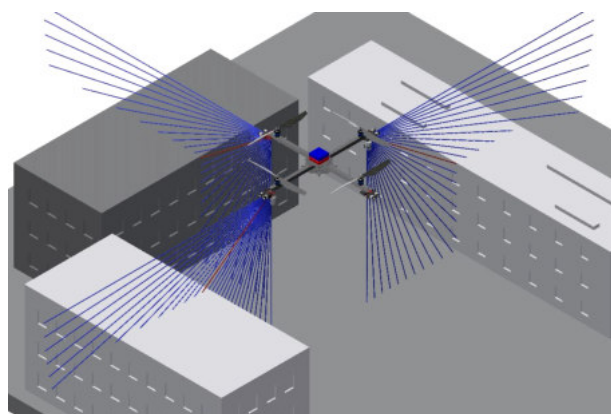




**Maximal flexibility, reliability and safety with our intelligent sensor technology!**

With the patent-pending sensor system our delivery drones find the right landing spot also without pilots. This way we achieve maximal safety and are able to complete the mission with minimal risk even in emergency situations - independently from GPS and manual steering! At the same time our sensor technology for obstacle detection and collision avoidance will additionally add up to the overall reliability of the system and allows fully autonomous flights from the start till landing!



The patent-pending sensor system for fully autonomous and safe take-offs and landings.

You will receive an all-included delivery drone service package from us. Additionally Emqopter, as drone technology specialist, delivers teaching and modular sensor technology of our CAA (collision avoidance assistant) series, as well as customized project- and individual solutions.

Visit us online or contact us directly!

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## The first urban **DELIVERY DRONE**



[www.emqopter.de](http://www.emqopter.de)

language: english

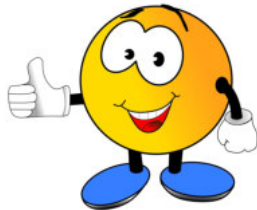


## The System

Our fully autonomous delivery drone is an optimal solution for a flexible and efficient transportation of small parts! Designed as an octocopter with redundant motors the delivery drone is able to take on a load of up to 2kg and autonomously, without any manual intervention, transport the goods to the point of destination. Our scope of services includes a complete worry-free package!

### The complete worry-free package:

- reliable drone technology
- tested and reliable flight platform
- intelligent sensor technology
- full redundancy
- authorization
- trainings
- equipping
- maintenance
- service



### Technical specifications

Tare weight:	ca. 9 kg
Max. takeoff weight:	11 kg
Number of rotors:	8
Wing spread:	140 cm
Transport capacity:	22 x 33 x 33 cm
Max. flight time:	12 – 15 minutes

Other specifications are available at request.

## Your Advantages

- low cost
- minimal delay
- maximal flexibility
- high-end technology
- emission-free delivery
- perfect for transport of small parts
- 85% of energy-saving compared to electric cars
- 5% of the maintenance costs of a car



The patent-pending sensor concept collects environmental data for reliable obstacle detection and enables autonomous take-offs and landings at the destination of choice.



The first fully autonomous delivery drone.

## The Pilot Project

The first fully autonomous delivery drone - developed by Emqopter - originates from a pilot project in Bavaria. The Drone transports small parts and food between two facilities in the city of Bad Neustadt. The facilities are located approx. 600 meters away from each other within the urban area. For the authorization and the greatest possible safety of the autonomous flight operations, a new sensor system for environmental monitoring has been developed.



The delivery route between factory 1 and factory 2 in Bad Neustadt (Bavaria).

More information about the project at:

[www.emqopter.de](http://www.emqopter.de)

Send us your questions to:

[info@emqopter.de](mailto:info@emqopter.de)

Exciting videos can also be found on our YouTube – Channel: Emqopter!

