RDS Drone
Matrice 300 RTK

rosenbauer

A new Standard for Emergency Service Teams

Speed and a truly complete overall picture are key criteria for success when emergency service teams have to make purposeful decisions under time pressure.

With the RDS Drone Matrice 300 RTK which takes inspiration from modern aviation systems, the latest commercial drone platform makes enables with it's key specs of up to 55min flight time and IP45 rating to be the everyday assistant for every Emergency Service Team.

Because of the unique strategic partnership with DJI and the integration into Rosenbauer's holistic incident management system Connected Command, the usage of a Drone in your day to day operation will help you get a perfect overview, save critical time and keep your personnel safe.

Technical details

- IP 45 Protection class
- 55 min Max Flight time
- 15km Max Transmission range
- Max. altitude: 7000m
- Max. Flight Speed 23 m/s
- Max. Wind resistance: 15 m/s
- Max. Take-off weight: 9kg
- Weight inkl. batteries and propellers: 6.3kg
- -20°C to 50°C operating temperature
- Up to 3 Payloads at the same time
- FPV Camera
- Built-in ADS-B receiver

- Three propeller emergency landing system
- Omnidirectional Sensing and Positioning System

Scope of Delivery:
- 1x Aircraft
- 1x DJI Smart controller enterprise
- 1x Enterprise shield basic activation code
- 1x USB charger
- 1x USB-C cable
- 1x WB37 Intelligent battery
- 1x Transportation case

Contact

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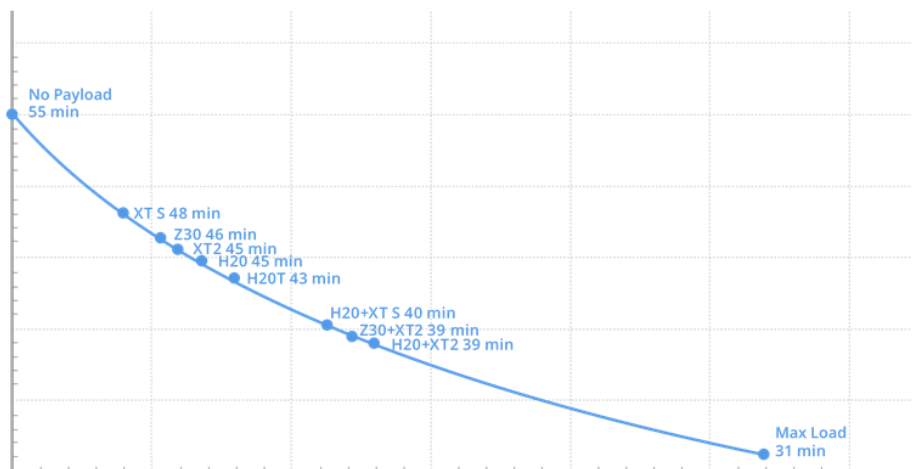emerec@rosenbauer.com

Strategic Partner:

dji

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Estimate your flight time of your Matrice 300 RTK based on the payload configuration

Works best with

DJI Smart Controller Enterprise
- Connection HUB to connected command & Fleet
- Ultra-bright 5.5 inch 1080p display
- Advanced dual operator mode

Battery's for continues flight operation
- 6x TB60 Intelligent flight batteries
- 2x WB37 Intelligent batteries

Transportation Case
- IP65 protection class
- Vibration and shock resistant

Zenmuse H20N
- Starlight night vision
- 20x Hybrid optical zoom
- 640x512 Dual thermal cameras
- Laser range finder of up to 1200m
- IP44 Protection class

Smart Battery Station
- Intelligent fast charging station
- Directly integrated into your vehicle (optional)

LED Spotlight
- Operational Range of 150m with 10200lm

Audio Broadcast System
- 500 m (effektiv), 1000 m (maximal) acoustic transmission range

U10 Laser Methane Gas Detector
- Detecting Methane (CH_4) from a Max. Distance of 150m

DJI Matrice M300 - Dual Gimbal Connector
- Allows the attachment of two compatible, downward-facing payloads or cameras

PTS4 Drop System for DJI M300 RTK
- Can carry up to 2.7kg
- Integrated 1080P high-definition FPV camera

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