

A black quadcopter drone with four carbon fiber arms and propellers. The central body is black with 'DRONE VOLT' and 'HERCULES 20' printed on it. A camera is mounted on the front. The drone is shown from a side-on perspective, angled slightly upwards. The background is a light blue gradient with a darker blue diagonal stripe.

DRONE VOLT®

# HERCULES 20

HIGH PAYLOAD CAPACITY DRONE



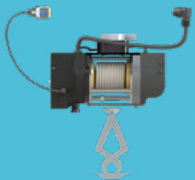
## The ultimate solution for high payload capacity

- **Powerful** : the Hercules 20 can lift up to 33 lbs (15 kg) and can carry a wide range of payloads.
- **Lightweight and compact** : with its 4 removable arms and landing gears, the Hercules 20 is ultra compact and easy to transport.
- **Stable** : its architecture allows an excellent flight stability and resistance, no matter the payload it carries.
- **Resistant** : the carbon fiber frame and anodized aluminium fasteners make the Hercules 20 extremely resistant.

### APPLICATIONS

- **INSTALLATION OF POWER LINES**  
ELECTRIC CABLE UNWINDING ASSISTANCE
- **TRANSPORT OF HEAVY LOADS**  
TRANSPORT OF TOOLS AND MATERIALS ON SITE  
TRANSPORT OF EQUIPMENT IN DIFFICULT ACCESS AREAS  
TRANSPORT TANKS AND SPRAYERS FOR AGRICULTURE
- **MAPPING / TOPOGRAPHY**  
USE OF LIDARS AND SCANNERS FOR DATA ACQUISITION
- **AUTONOMOUS SPRAYING**  
CROP SPRAYING WITH OUR SPRAYING EQUIPMENT
- **INSPECTION**  
TRANSPORT OF ALL TYPES OF CAMERAS AND HEAVY SENSORS

### COMPATIBLE PAYLOADS



#### WINCH

Winch system with automatic release hook, controlled by a dedicated radio control.



#### DROPPER

Release system controlled via the drone's remote controller.



#### NET

Elastic net for carrying loads.



### CUSTOMIZED PROFESSIONAL UAV SOLUTIONS

DRONE VOLT FACTORY is an engineering office specializing in the production of customized professional UAV solutions.

Our team supports you throughout all stages of your project, from the conceptual design of the drone to its manufacture.

## TECHNICAL SPECIFICATIONS



Aircraft weight (without battery)  
11 kg



Max Flight Time  
40 min (without payload)



Payload Compatibility  
Any type of payloads up to 15kg  
(33lb)



Weather Conditions  
Moderate Rains  
-20°C/+45°C



Max Flight Speed  
25 m/s (90 km/h)



Propulsion  
T-Motor MN 701 - 135 KV  
Dust-resistance/Waterproof (IP45)  
Anti-corrosion



Remote Controller/Video Trans-  
mission/Telemetry Range  
Jusqu'à 2 km



Propellers  
660 mm



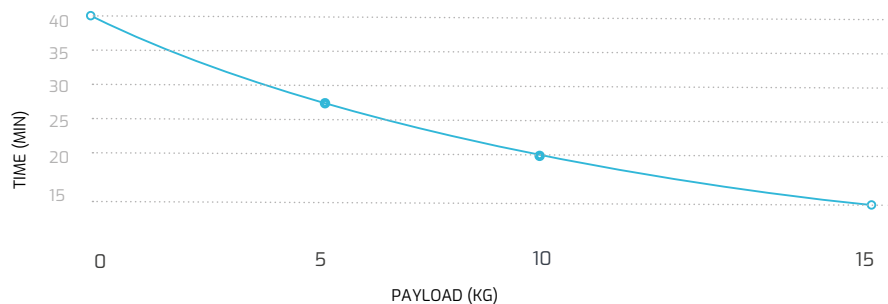
Frame  
100% carbon frame &  
anodized aluminum



Software  
DV Control



## FLIGHT TIME DEPENDING ON PAYLOAD



## REMOVABLE SYSTEM AND ULTRA TRANSPORTABLE

The Hercules 20 is equipped with connectors for mounting and easy and quick disassembly of arms and landing gear, for easy transport.



AVAILABLE COLORS







# DRONE VOLT®

## CONTACT

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**GICAT**  
MEMBER

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Nos drones sont basés sur une technologie électrique plus  
écologique. En effet, ils sont 100% électriques et ne produisent  
pas de CO2. Ils sont également très silencieux et peuvent  
être utilisés pour de nombreuses applications : inspection, cartographie, etc.