

TALON DT-300

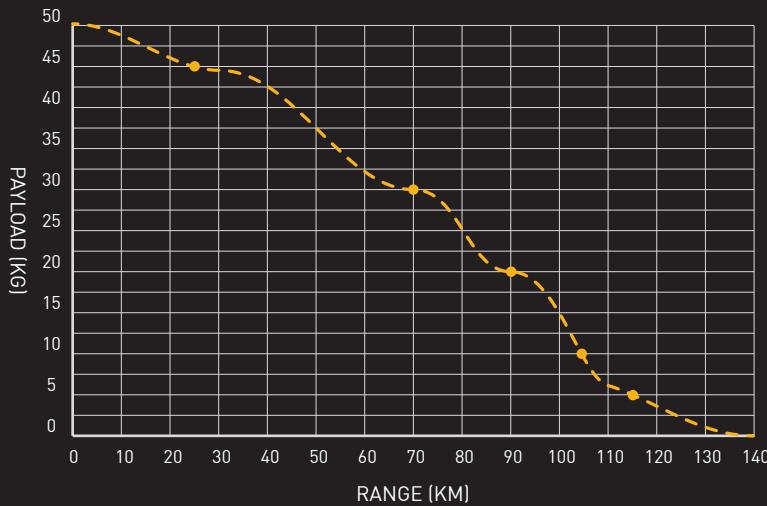
FULLY ELECTRIC, MULTI-ROLE UAV SYSTEM

INDUSTRY LEADER IN: • PAYLOAD • RANGE • COSTS • DEPLOYABILITY



The TALON DT-300 is a fully electric, easily deployable VTOL payload delivery system that can be reloaded and reused time after time. Powered by a fully automated twin rotor, it's unlike anything the industry has seen before - driving down costs while maximizing impact. The DT-300's versatility makes it suitable for a wide range of uses, spanning commercial ventures and humanitarian missions.

PERFORMANCE DATA



PAYOUT V RANGE METRICS

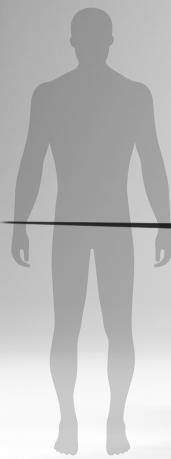
PAYOUT	MAX RANGE (ONE WAY)	*DROP RADIUS (OUT & RETURN)
0KG (0LBS)	140KM (87MII)	70KM (43.5MII)
5KG (11LBS)	115KM (71MII)	58KM (36MII)
10KG (22LBS)	105KM (65MII)	55KM (34.2MII)
20KG (44LBS)	90KM (56MII)	50KM (31MII)
30KG (66LBS)	70KM (43.5MII)	45KM (28MII)
45KG (100LBS)	25KM (15.5MII)	15KM (9.3MII)

*FLY OUT WITH PAYLOAD - DROP PAYLOAD - RETURN WITH ZERO PAYLOAD
ZERO PAYLOAD INCLUDES RAPTOR EO/IR CAMERA AND DTC LONG-RANGE
DIGITAL DATA LINK (UP TO 60KM / 37MII LOS)



LEARN MORE





ROTOR SIZE
2 X 3.5M (11.5FT)



MTOW 90KG (200LBS)
(WITH 45KG / 100LBS PAYLOAD)



CRUISE SPEED
80KM/H (50MPH)



BOXED DIMENSIONS
L:155CM W:73CM H:54CM
L:61" W:29" H:21.2"



MAX DROP RADIUS 45KM (28MI)
(WITH 30KG / 66LBS PAYLOAD)



MAX RANGE: 140KM (87MI)
30KG / 66LBS PAYLOAD: 70KM / 43.5MI

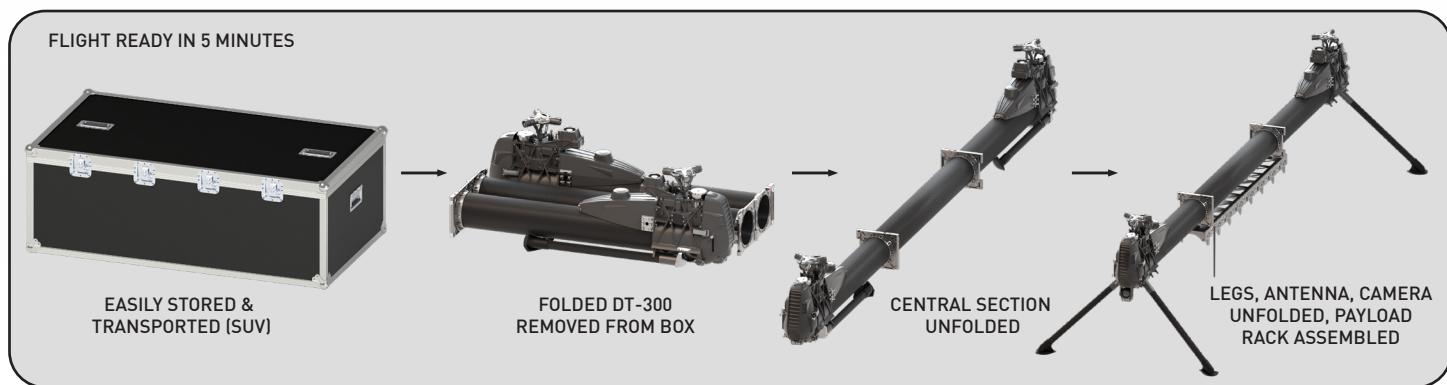


ENDURANCE
2HRS (10KG / 22LBS PAYLOAD)



MAX ALTITUDE
5,000M (16,400FT)

TALON DT-300



- **ADAPTABLE:** TO ANY PAYLOAD UP TO 45KG (100 LBS)
- **DEPLOYABLE:** THE ROTOR BLADES AND AIRCRAFT FUSELAGE FOLD INTO A VERY COMPACT FORM FACTOR (L:1.3M x W:0.7M x H:0.5M).
- **SIMPLE:** ELECTRIC OPERATION. INDUSTRY STANDARD USER INTERFACE. OPERATOR TRAINING IN 1 HR.
- **RELIABLE:** 1000 HRS TBO (TIME BETWEEN OVERHAUL).
- **HIGH AVAILABILITY:** RAPID BATTERY CHANGING AND CHARGING.
- **STABILITY:** CYCLIC AND COLLECTIVE CONTROL OF THE ROTOR BLADES AND A HIGH THRUST TO WEIGHT RATIO ENSURES HIGH STABILITY IN CROSS WINDS AND TURBULENCE.
- **EFFICIENT:** LARGE TWIN ROTORS PRODUCE FORWARD TRANSITIONAL LIFT AND WITH NO ENERGY WASTED ON THE TAIL ROTOR.
- **HOME GROWN:** BUILT IN UK AND NOT RELIANT ON FAR EASTERN COMPONENTS.
- **COST EFFECTIVE:** USED IN PLACE OF MANNED HELICOPTERS.
- **ENVIRONMENT:** IP65 RATED.

ABOUT ROTRON AEROSPACE

Rotron Aerospace are specialists in designing and manufacturing UAS propulsion systems and VTOL aero-systems. As industry leaders and operators of long-range VTOL air systems, Rotron Aerospace enables safe and cost effective aerial intelligence solutions for surveillance, inspection, search and rescue missions, cargo delivery and aerial deployment of FPV drone systems beyond visual line of site.

Founded in 2008 to create the lightest, most powerful, and vibration-free power units, Rotron Aerospace now supplies some of the world's largest aerospace OEMs and UAS manufacturers.