MOUNTAIN HORSE SOLUTIONS
A GLOBAL ORDNANCE COMPANY

Contact: +844-684-8324
sales@mtnhorse.com
www.mtnhorse.com

Boresight BQ750 Block 1 Target Drone

Overview

Boresight's BQ750 Block 1 is a large Group 1 Multi-Rotor Target Drone designed to provide customers with a multi-rotor platform larger than the BQ400 Raider. The BQ750 has a similar visual signature to that of commonly used Group 1 Quadrotor platforms (Matrice M350) and is operated with the Boresight GCS (1:M/Advanced). While the BQ750 Block 1 does not have payload capability, the Block 2 has been developed to incorporate a payload capability of up to 2kg, with options for side and underslung mounts.



Interoperability

All Boresight Target Drones and advanced functionality (swarm-mimic[1]) are achieved using the Boresight GCS operating system and ground equipment. This interoperability comes with no additional training or skills upgrade requirements for multi-rotor operations.

Payload

The BQ750 Block 2[2] has a payload capacity of up to 2kg depending on the battery selection and required operation endurance and performance. Initially, this payload will be a non-integrated payload, with a powered and controllable connection expected to be available in Q3 2026.

Specifications

Maximum Take-off Mass	up to 5kg*
Arm Diagonal	750mm
Airframe Dimensions	570mm x 570mm x 160mm
Typical Battery Capacity	6000mAh
Transmission Range	up to 5000m
Operating Temperature	0°C - 40°C
Max Endurance	25+ min*
Maximum Flight Speed	15 m/s*
Frequencies	2.4GHz (other bands available)
Swarming Capable	up to ten, increasing during 2026
Payload	up to 2kg*

[1] The Boresight GCS (Advanced) currently enables mimicking a swarm of up to twenty Target Drones, which is intended to increase during 2026.
[2] The Block 1 does not have payload capability.

COMMERCIAL IN CONFIDENCE
© 2025 Boresight Pty Ltd. All rights reserved.
This document contains proprietary confidential information and trade secrets. As such, no portion of this document is to be copied, reproduced, or disseminated to any person or entity without the prior written consent of Boresight Pty Ltd.