

## Magnum™ Target Retrieval Carrier

Models RLT2000, RLN2000, RNT2000, RNN2000



# TECHNICAL DATA

## AT A GLANCE

- Carrier faceplate, downrigger and clamp are made of AR500 hardened steel
- Carrier body is totally enclosed to protect its components
- Carrier wheels are a ball bearing, low-friction type
- Exclusive Cam-Clamp™ holds target tightly yet releases with a simple squeeze of the lever

## DESCRIPTION:

The body of the carrier is fabricated of 11-gauge steel, while the faceplate, downrigger and clamp are constructed of 1/4" AR500 hardened steel for bullet resistance. The target clamp is the Cam-Clamp™ - an exclusive design that holds the target tightly yet allows it to be released with a simple one-handed squeeze of the lever. The downrigger positions the target clamp below the carrier body. The transport wheels are of a ball bearing style with low friction for smooth travel. Lighting features include the ability to turn on the lamp at any location and the dual lamp system provides automatic changeover from primary to secondary lamp should the primary lamp fail. Target rotation is controlled by the 360° Random Edging™ target-turning mechanism. A clutch on the downrigger shaft protects the turning motor if a powerful external force is applied - the clutch disengages the clamp from the motor, automatically reengaging after the force is removed and the target is turned again. Both the lighting and turning mechanism features use a power

bus bar fastened to the Accutrac™ Carrier Track System. The carrier is also available for retrieval purposes only, without lighting and/or turning features.

## FINISH:

Housing: Blue Powder Coat  
Clamp, Downrigger, Front Shield: Grey Powder Coat

## SIZE:

32.72"L x 6.00"W x 16.63"H

## WEIGHT:

RLT2000: 52 lbs  
RLN2000, RNT2000: 49 lbs  
RNN2000: 46 lbs

**INNOVATION. NOT IMITATION.**

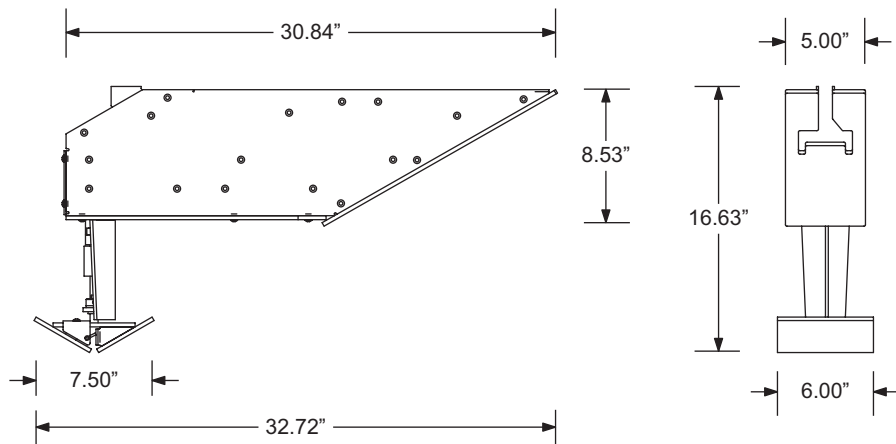
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# ARCHITECTS' & ENGINEERS' SPECS

The target carrier shall be designed to operate reliably in the range environment and in conjunction with a Local Control Screen (LCS) and/or a Master Control Screen (MCS). The carrier shall be totally enclosed with 11-gauge mild steel to prevent debris from getting inside and shall have a 1/4" AR500 front ballistic plate. The carrier shall have the capability of incorporating a halogen lamp assembly, with the lamp aimed to illuminate the target. The illumination shall be under the control of the LCS or MCS. The lamp control shall incorporate an automatic dual lamp switchover circuit, diverting power to a secondary lamp in the event that the primary lamp should fail. There shall be a projectile deflector plate inside the carrier, creating a channel to prevent damage to the internal components. Target rotation shall be controlled by the 360° Random Edging™ target-turning mechanism. A clutch shall disengage the clamp from the turning motor if a large external force is applied to the motor. Once the force is removed and the target is turned, the clutch shall automatically reengage the clamp to the motor. The support and guide wheels shall have ball bearings. The carrier shall incorporate a quick-release cable tension assembly to allow the carrier to be removed from the shooting position easily while maintaining the tension on the aircraft cable. The target clamp shall hold the target securely and not drop targets during the course of fire. The target shall be easily released from the clamp by squeezing the lever. The power pickup assembly in the carrier shall employ a copper/graphite composite shoe.



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