

MANCOM

MANUFACTURING INCORPORATED

**TOUCH PLUS™
TARGET RETRIEVAL SYSTEMS**

TECHNICAL SPECIFICATIONS

MAGNUM™ LIGHTED TARGET CARRIERS MODEL 200TCR, MODEL 200TCN

- CARRIER FACEPLATE MADE OF AR500 STEEL
- CARRIER BODY MADE OF 11 GAUGE STEEL, POWDER PAINTED
- CARRIER WHEELS ARE BALL BEARING, LOW FRICTION TYPE
- CARRIER IS TOTALLY ENCLOSED TO PROTECT COMPONENTS
- TARGET CLAMP IS OF EXCLUSIVE CAM-CLAMP™ DESIGN
- AVAILABLE IN TURNING (200TCR) AND NON-TURNING (200TCN) VERSIONS

ENCLOSURE:

Body of carrier is fabricated of 11 gauge steel; the faceplate is fabricated of AR500 steel for bullet resistance.

TARGET CLAMP:

Cam-Clamp™ is an exclusive design which holds the target tight, but releases with a simple squeeze of the lever with one hand. Downrigger positions target clamp 10" below carrier body.

WHEELS:

Transport wheels are a slim, ball bearing style made of a long-life material.

LIGHTING:

Lamp can be turned on at any point in carrier travel.
Dual lamp system provides transparent changeover if primary lamp fails.

TURNING MECHANISM:

When fitted, the turning mechanism provides continuous rotation through 360° in either direction, providing random edging. Turning mechanism and lighting feature require the addition of a power bus bar to the Accutrac™ system.

MOUNTING:

Design of carrier guide mechanism allows easy removal of carrier from the Accutrac™ starter section, with or without turning mechanism fitted.

DIMENSIONS:

Dimensions: 30.5" L x 5" W x 7.75" H
(775 x 127 x 197 mm)

WEIGHT:

43 lbs (19.5 kg)



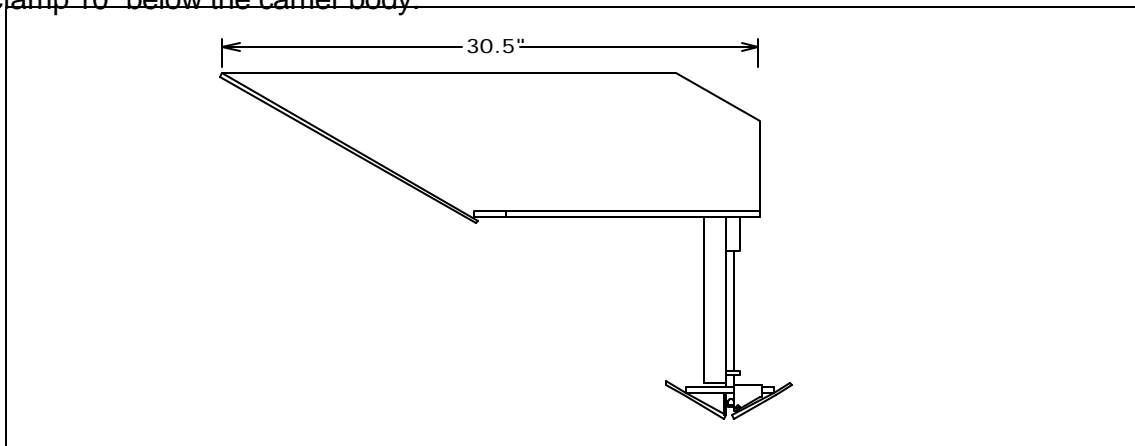
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ARCHITECTS' AND ENGINEERS' SPECIFICATIONS TOUCH PLUS™ MODEL 200TCR, 200TCN MAGNUM™ LIGHTED TARGET CARRIERS

The target carrier shall be designed to operate reliably in the range environment and in conjunction with a Local Control Screen and/or a Master Control Screen. The carrier shall be totally enclosed to prevent debris from getting inside. The target carrier shall have an AR500 front ballistic plate and the body of the carrier shall be made of 11-gauge mild steel. The carrier shall incorporate 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 a transparent lamp switchover circuit in the event that a lamp fails. In the model 200 TCR incorporating a turning mechanism, there shall be a projectile raceway over the turning motor to prevent damage. The target turning motor shall be capable of continuous target rotation through full 360° in either direction with random edging. 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 be a non-claw type which shall hold the target securely and not drop targets during a course of fire. The power pickup assembly in the carrier shall employ a copper/graphite composite shoe. The maximum dimensions shall be 5" wide x 30.5" long x 7.75" high. The downrigger for the target clamp shall place the clamp 10" below the carrier body.



All specifications and design details are
subject to change without prior notice.
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