



INDEPENDENT
ROUGH TERRAIN CENTER



I-Certified Summary – T35112.0443

BD-ADM-0040

Independent Rough Terrain Center, LLC.
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IRTC I-Certified Promise

Each I-Certified RTCH undergoes a complete frame-up restoration, with over 1,200 labor hours dedicated to fully disassembling the machine down to its base components. Key systems—including the engine, transmission, axles, cab, boom, and tophandler—are deconstructed, thoroughly inspected, repaired, and modernized as needed. Corroded components are steel grit blasted and repainted, ensuring long-term durability and protection.

During reassembly, the RTCH is upgraded with a modernized wiring harness, digital controls, cameras, and new hydraulic systems, enhancing reliability and operational efficiency. Each stage of the process undergoes rigorous inspection before the machine is tested extensively in a simulated operational environment. Once testing is complete and any required adjustments are made, the machine receives a final topcoat for corrosion resistance, ensuring a long service life.

Developed under guidance from the U.S. Marine Corps, this process has been refined over five years and 150 remanufactured RTCHs, continuously integrating advancements in technology, sourcing, and repair methodologies. Every I-Certified RTCH is held to a "like-new" standard and offers the same warranty as a new unit, providing a cost-effective alternative without compromising performance or reliability.

At IRTC, we stand behind every I-Certified RTCH, ensuring it meets the highest standards of quality, reliability, and performance. Our commitment goes beyond refurbishment—we deliver a complete restoration, integrating the latest engineering advancements to provide a machine that is not just rebuilt, but reborn.

We take pride in offering a sustainable, cost-effective solution that delivers the performance of a new machine at a fraction of the cost. Our I-Certified Promise guarantees that each RTCH is built to last, perform, and exceed expectations, ensuring your equipment is mission-ready for years to come.

Serial Number: T35112.0443
Original Manufacturing Date: February 2006
I-CERT Remanufacturing Date: April 2025
Engine Hours Prior to Remanufacturing: 673
Current RTCH Version: Version 4
Warranty: 1 Year

Included Features – RT250

- **Machine Operation Specifications:**
 - Pile Slope: 7 Degree
 - Tilt: 12 Degree
 - Top handler Rotation: 300 Degrees
 - Travel Speed: 23/15 mph Un/Loaded (37 Km/H, 24 Km/H)
 - Gradeability: 27% Loaded/Unloaded
 - Fording Depth: 5' (1,524mm) With TIER III Cummins Engine
 - Max Lift Height: 33' 8" (10,300 mm)
 - Max Reach: 20' 7" (6,273 mm)
 - Gross Weight: 118,500lbs (53,751 Kg)
 - Fuel Tank Capacity: 94 to 103 Gallons Depending on Engine
- **Engine Options:**
 - Cummins QSM11, 6 Cylinder, TIER III, Diesel Engine
- **Axles: Limited Slip Differentials, Multi-Disc-Wet Brakes, Electric Parking Disk Brake**
 - Kessler Front Stationary Differential
 - Kessler Rear Pivoting Differential
- **Transmission:**
 - ZF Electronic Semi-Automatic Shift-Controlled
 - 4 Ranges Forward, 3 Reverse
- **Drive Modes:**
 - 2-Wheel Drive
 - 4-Wheel Drive
- **Steering Modes:**
 - 2-Wheel Steering
 - 4-Wheel Steering
 - Crab Steering



- **Operator Compartment:**
 - Adjustable Operator Seat
 - Cup Holder
 - USB Charger
 - Controls Panels
 - Cabin Filtration
 - Storage Compartment in Armrest
 - Power Adjustable Armrest & Steering Column
 - In Cabin Scale and Overload Protection System
 - Enclosed Cabin with Heater and Air Conditioning
 - Sealed IP68 Rocker Switches and Membrane Button Panels
 - 10" Display - 16:9 Wide Screen Ratio (1280 X 800 Resolution)
 - Ergonomic Multi-Function Joystick for Boom/Top Handler Functions
- **Boom Camera & Rear Camera**
 - 118 Degree Field of View
 - Switched IR emitters
 - Automatic rear camera activation when in reverse gear
 - IP68 Rating with internal heaters to prevent fogging
 - Vibration resistance up to 15.3G at 24 to 2000 Hz
- **Rear Radar Eyes**
 - 170 Degree detection zone
 - Detects object(s) within 5 meters
 - Visual indicator via 10-inch display unit
 - Audible alert via dashboard speaker
- Auto-Lube Systems for Easy Lubrication Maintenance
- Solar Panel Systems for Easy Battery Maintenance (Not Applicable for UL/DS Rating)
- LED Work Lights & Reverse Alarm
- Auxiliary Power port for customer hook-up to power
- Gear Limitation
- Speed Limit Limitation

Asset Photos:





