

34 Tons Trackless Transfer Cart with Innovative Switchable Drive

XINXIANG, HEN, CHINA, August 17, 2026 /EINPresswire.com/ -- Recently, addressing the specific needs of large-scale special material transportation, we successfully launched a newly customized 34 tons battery powered [trackless transfer cart](#).

Specifically designed for airport decommissioned aircraft dismantling and transportation operations, this innovative product solves the industry's challenge of transporting large and heavy workpieces. Breaking through the limitations of traditional rail transport, this innovative product pioneered the ability to freely switch between powered and unpowered traction modes, providing a highly efficient and flexible new solution for special transport scenarios.



electric transfer trolley, industrial transfer cart

Customized Structural Design: Precise Docking and Safety Assurance

The trackless transfer cart's platform is specially equipped with a customized rotatable frame, significantly improving load stability during operation. The cart body also features customized guardrails and anti-slip steps to ensure the safety of ground staff.

The product adopts a cast steel spliced frame structure, with overall dimensions of 4500x2800x1200mm. It uses a dual-wheel system of steering wheels and polyurethane wheels, combined with a hydraulic lifting device to achieve mode switching: steering wheel drive provides precise position fine-tuning with high positioning accuracy; after reaching the

destination, the power is retracted, and with the help of the tow bar, it switches to an unpowered traction state, suitable for long-distance airport transport needs.

A custom-designed rotatable support is added to the platform to effectively ensure the stability of large aircraft components during transport. It also features dual operation modes: wireless remote control and wired handle, offering convenient operation and high safety.

transfer cart manufacturer, industrial transfer cart

Advantages

Dual-Wheel System and Hydraulic Lifting: The trackless transfer cart body is equipped with a composite system of "steering wheel + polyurethane wheels." The built-in hydraulic lifting device allows for easy switching of drive modes.

During the precise positioning phase, the steering wheel and battery drive (power mode) are activated for millimeter-level fine-tuning. After positioning, the power wheels are hydraulically retracted, switching to a combination of polyurethane wheels and a tow bar (no-power mode) for long-distance traction using external force.

Environmental Protection and Operational Flexibility: Pure electric drive produces no exhaust emissions, meeting the stringent environmental requirements of airports both indoors and outdoors. Equipped with wireless remote control and a wired handle, along with audible and visual alarm lights and a power display screen, operation is intuitive and safe, and operation is extremely flexible.

electric transfer trolley, battery powered transfer trolley

As an environmentally friendly product, this trackless transfer cart is purely battery powered, with zero emissions and no pollution, fully complying with the concept of green airport construction.

Combining the needs of transporting oversized materials in fields such as aerospace dismantling and heavy manufacturing, Newld can provide comprehensive customization based on the customer's actual workshop space and the workpiece to be transported. From vehicle body structure to functional configuration, we can match and provide customers with professional and reliable customized solutions.

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