

NISSAN
FORKLIFT

WCN Series

Walkie Counterbalanced Stacker

3,000 & 4,000 lb.
Capacities



Technical Information **WCN Series**

Standard Equipment

- 12-volt electrical system
- Premium heavy-duty motor
- Curtis PMC 1205 transistor travel controller
- Reversing switch in handle
- Electronic horn
- Curtis 701 solid state LCD hour meter
- Key switch
- Battery compartment: 32" x 8.25" x 31"
- Clam-type battery retainers
- Minimum battery weight: 410 lbs.
- SB-2 Battery connector (175 Amp – grey)
- 2 Spool hydraulic control valve
- Oil filter in hydraulic system
- 48" h x 32.6" w load backrest
- Duplex FFL mast: 72" OHL / 105.5" MFH / 51" FL
- Fork lengths: 30", 36", 42"
- Fork spacing: 10" min. to 30" max. o.d.
- Poly drive tire – 12" x 4.5"
- Rubber load wheels – 12" x 4.5"

Optional Equipment

- 24-volt electrical system with 13.5" wide battery compartment
- Fuel gauge type battery discharge indicator
- Battery discharge indicator with lift interrupt
- Battery compartment rollers with drop-in gates
- Cold storage protection
- Side shifter with single function hydraulics and IHR

Steer Control Features

Steering handle with outside stationary grips provides low-effort pull-down into the operating range. Thumb-operated butterfly speed controls inside the control head provide easy and precise truck control. Large safety reversing switch, on the control handle, reverses truck travel direction if operator contact is made. Control head features lift, lower, and horn buttons within convenient operator reach. Gas charged cylinder returns the handle with uniform force, while a rubber stop at the end of travel prevents switch shock.

Electrical

12-volt electrical system with heavy-duty series wound class 'H' insulated drive motor. PMC transistor travel controller for smooth, controlled acceleration, infinitely variable speed control, and increased energy efficiency. Key switch and solid state LCD hour meter are standard. Steer handle wiring harness constructed of extra flexible stranded tinned copper conductor wiring with silicone insulation for increased durability and reduced maintenance.

Drive Unit Assembly

Exclusive balanced drive system designed with drive motor, transmission and drive tire mounted in a vertical column. This stationary design greatly reduces steer effort, unbalanced torque conditions, and cable flexing, for enhanced reliability and reduced maintenance costs.

Brake System

Dual braking positions within upper and lower handle movement range enhance operating efficiency. The 7" diameter brake drum provides excellent braking response, with the largest braking surface in its class.

Hydraulic System

Hydraulic system features heavy-duty lift pump and motor, overload protection valve, solenoid release valve for lowering, check valve, and flow regulator. Return line filtering protects the system against environmental contaminants.

Steering

190° steering arc (95° each side of center) allows for precise maneuvering in tight spaces for increased operator efficiency. Steer handle is mounted to the bottom of drive unit for maximum leverage and steering ease.

Frame Assembly

Rugged frame with high under clearance for tough dock applications. Steel covers for rugged durability and component protection. Powder coat paint for a durable, high gloss, scratch resistant finish.

Battery Compartment

The battery compartment features unique battery retention gates that eliminate side-to-side battery movement. Clam-type steel battery retainers keep the battery secure in the battery compartment and allow for quick and easy battery change without the use of hand tools.

Ease of Service

Removing five bolts allows quick and simple drive tire replacement. The hub has a built-in drive wheel puller to simplify the job. One screw removal, simplifies drive motor brush inspection. Lubrication fittings are easily accessible with the truck upright and the battery in place. Removal of four hood bolts allows quick access to internal components. Number coded electrical wiring simplifies wiring harness maintenance. One nut removal of the brake drum allows easy access for periodic inspection and maintenance.

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