

CAMELEON[®]

Series 3

Tracked Sidewalk Tractor

► Unmatched Comfort and Power

► Powerful 121 hp Engine

► Joystick Steering

► Prioritizes User Safety

► Comfortable and Spacious Cabin



Watch Video



Actual product may vary from photos due to continuous product enhancement.



Unmatched Power and Comfort

The Cameleon® Series 3 has all the key elements for outstanding performance in total comfort. With its brand-new joystick control system, the Cameleon Series 3 stands out clearly in terms of comfort, ergonomics, and maneuverability. Several modifications have been made to the vehicle to reduce the noise level inside the cabin and minimize operator fatigue. This new generation makes it the most desirable tracked sidewalk tractor on the market.

A Powerful 90 kW (121 hp) Engine

Driven by a dual certification Tier 4 Stage 5 Diesel engine of 90 kW (121 hp), the Cameleon® Series 3 is the most powerful sidewalk tractor on the market:

- Impressive torque of 500 N.m (369 ft-lb)
- Quieter

New Traction Engines

The Series 3 model is now equipped with the renowned Poclain® drive engines, offering superior maneuverability and ride comfort.



Innovative Safety Programming

To enhance operator and pedestrian safety, as well as reduce the risk of damage, our new programming limits the driving speed to 12 km/h (7.5 mph) when attachments are in use. It automatically deactivates and/or lifts attachments during the travel mode, which can reach up to 31 km/h (19 mph). This reduces premature damages and consequently increases operational availability.

Joystick Steering

In the Series 3 model, the traditional steering wheel is replaced with a joystick, as found in heavy machinery cabins. All functions are controlled by two joysticks, one for steering and the other for attachments. This change brings numerous benefits:

- Improved maneuverability
- Intuitive controls and faster familiarization
- Better visibility at the front of the cabin
- Reduced fatigue and potential for injuries



Improved Control Interface

The unit is equipped with an intuitive control screen with an optically-bonded and anti-glare coated screen, optimized for usage in all lighting conditions. In darker settings, the light sensor automatically adjusts screen brightness and switches between day and night display themes.



Comfortable and Ergonomic Cabin

Several modifications to the vehicle significantly reduce noise levels and vibrations in the cabin. Additionally, the new driving configuration allows the operator to be centered and rest their forearms on the armrests during operations, thus reducing fatigue. Finally, the workspace is now more open and spacious.



Up to 8 front connectors



2 rear connectors

Superior Hydraulic Power

With its proven system, the Cameleon® Series 3 has all the necessary capacity to precisely control the accessories installed on the vehicle. To ensure protection against potential contamination, the hydraulic system is equipped with two independent reservoirs, each with superior 10-micron filtration.



Easy Maintenance

Two tilt-up doors provide easy access to the main components. To increase operational availability, some mechanical components have been modified. Among other changes, the front suspension shaft is now independent from one traction wheel to the other and is bolted to the chassis, greatly reducing the risk of breakage, and facilitating replacement.

Optional Attachments:

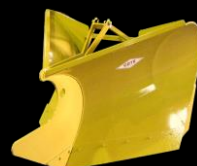
The front and rear hydraulic connectors can operate the following tools:

Front:

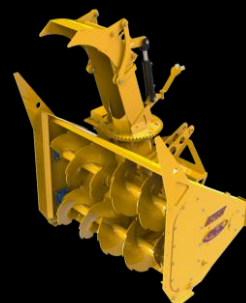
- Standard plow



- V-plow



- Snow blower with a capacity of 500 – 800 tons/hr*



* Requires the high flow pump kit

Rear:

- Compact spreader



- Trailer spreader



Summary Technical Description – Cameleon® Series 3



DIMENSIONS (without attachments) *

- Overall length: 3492 mm (137.5 in)
- Cabin height: 2219 mm (87.4 in)
- Overall width: 1300 mm (51.3 in)
- Weight: 3266 kg (7200 lb) approx.

SPECIFICATIONS

- Hydrostatic two-speed transmission:
 - Work mode: 12 km/h (7.5 mph)
 - Travel mode: 31 km/h (19 mph)
- Towing capacity: 2722 kg (6000 lb)
- Ground clearance : 235 mm (9.3 in)
- Turning radius: 0 in

CHASSIS/CABIN

- Steel cabin mounted on shock absorbers
- Welded steel sled-style chassis
- Push frame with quick couplings to receive attachments including:
 - Two (2) hydraulic cylinders
 - Rear trailer hitch
- Comfortable, well-equipped cabin :
 - More spacious cabin than the previous series
 - Seat with pneumatic suspension, adjustable armrests, and three (3) point safety belt
 - Steering and attachment control via joysticks
 - Three-speed 40,000 BTU heating unit
 - Rear electric defroster
 - AM/FM radio, USB port, Bluetooth connection, and speakers
 - Large front windshield wiper with two speeds
 - Two (2) interior mirrors in the cabin
 - Soundproofed

POWERTRAIN

- Turbocharged Caterpillar C3.6, 90 kW (121 hp) dual certification Tier 4 Stage 5 Diesel engine with electronic regulator
- 500 N.m (369 ft-lb) torque @ 1500 rpm
- Fuel tank with 100 L (27 gal.) capacity
- Hydrostatic transmission
- Independent, automatic control system for each track
- Two (2) rubberized, steel-reinforced Bridgestone tracks; 350 mm (13 ¾ in) wide
- Six (6) rubber wheels

HYDRAULIC SYSTEM

- Front and rear hydraulic connectors for attachments
- Gear pump – maximum operating pressure of 152 bar (2200 psi)
- Separated hydraulic and hydrostatic tanks
- Tanks capacity approved by hydraulic system manufacturer

INSTRUMENTATION AND CONTROLS

- Dashboard:
 - Multifunction 10.9 cm (4.3 in) LCD colour screen with operating parameter and day/night display themes
 - Start switch
 - Low level and temperature level warning lights and alarms
- Hydraulic function and attachment controls:
 - Joystick with integrated control buttons and emergency stop

OPTIONS (short list)

- Steering by steering wheel with steering column
- High-flow hydraulic output pump kit
- Air pressure indicator and airbag suspension filling points
- Rear windshield wiper

Tenco Inc. reserves the right to change the specifications and features without notice



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