Multifunctional vehicle with dual traction modes

Versatility
Innovation
Performance
Conversion from tracks to wheels is fast and easy!
Comfortable and ergonomic cabin

Two-way adjustable steering column

Tilt over cabin and tilt over hood for easy maintenance
**Operator’s command center**

- Information center: centralized analog display and warning lights
- Centralized switch panel
- Adjustable joystick controls: electric and pilot operated controls for easy and comfortable operations

**Perkins turbocharged Diesel Tier 3 engine of 97 kW (130 hp)**

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**Easy access to components for daily maintenance**

The Cameleon comes with over center tilt cabin and over center tilt hood for maximum efficiency for your daily service and parts replacement:

- Air filter
- Battery and cables
- Engine coolant level
- Engine oil filter
- Engine oil level (dip stick)
- Hydraulic oil level
- V-belt tension

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**Anti-shock beacon on a pivot support**

- Maintenance-free battery
- Quick check for V-belt tension
- Single element air filter with removable cover
- Spin-on oil filter with easy access for quick replacement
- Easy visibility for convenient coolant level check
# Specifications

## Engine

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maker/Model</td>
<td>Perkins, 1104D-E44TA</td>
</tr>
<tr>
<td>Type</td>
<td>Turbocharged Diesel Tier 3</td>
</tr>
<tr>
<td>No. of cylinders</td>
<td>Four (4)</td>
</tr>
<tr>
<td>Power</td>
<td>97 kW (130 hp) @ 2200 rpm</td>
</tr>
<tr>
<td>Torque</td>
<td>516 N·m (380 ft·lb) @ 1400 rpm</td>
</tr>
<tr>
<td>Pre-heater</td>
<td>Glow plugs in the intake</td>
</tr>
<tr>
<td>Fuel</td>
<td>Fuel filter with water separator</td>
</tr>
<tr>
<td>Air cleaner</td>
<td>Dry-type, with vacuum condition indicator</td>
</tr>
<tr>
<td>Engine oil</td>
<td>15W40 - 7.5 L (2 gal.)</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>135 L (35 gal.)</td>
</tr>
<tr>
<td>Exhaust</td>
<td>Residential type muffler</td>
</tr>
<tr>
<td>Safety</td>
<td>Automatic engine shut down</td>
</tr>
</tbody>
</table>

## Transmission

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maker/Model</td>
<td>Sauer Danfoss Hydrostatic transmission</td>
</tr>
<tr>
<td>Power take-off</td>
<td>1 3/8 in., 6-spline shaft, 540 rpm, 68 kW (90 hp)</td>
</tr>
<tr>
<td>Travel mode speed</td>
<td>40 km/h (25 mph) with steering sensitivity</td>
</tr>
<tr>
<td>Work mode speed</td>
<td>24 km/h (15 mph) at reduced speed</td>
</tr>
<tr>
<td>Pump drive</td>
<td>80W90 - 7 L (1.8 gal.)</td>
</tr>
<tr>
<td>Planetary</td>
<td>80W90</td>
</tr>
<tr>
<td></td>
<td>Wheel mode - 2 L (0.5 gal.)</td>
</tr>
<tr>
<td></td>
<td>Track mode - 4 L (1.0 gal.)</td>
</tr>
</tbody>
</table>

## Electrical System

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternator</td>
<td>120 A with voltage controller integrated</td>
</tr>
<tr>
<td>Cold cranking</td>
<td>Start at 1125 CCA</td>
</tr>
<tr>
<td>Block heater</td>
<td>Included</td>
</tr>
<tr>
<td>Lighting</td>
<td>• Four (4) halogen headlights</td>
</tr>
<tr>
<td></td>
<td>• Two (2) rear halogen lights</td>
</tr>
<tr>
<td></td>
<td>• Four (4) strobe type flashers amber LED</td>
</tr>
<tr>
<td>General data</td>
<td>• Headlights protection</td>
</tr>
<tr>
<td></td>
<td>• Front and rear electrical plug for accessories</td>
</tr>
<tr>
<td></td>
<td>• Flexible beacon mounted on stainless steel support</td>
</tr>
<tr>
<td></td>
<td>• Front and rear turn signal and indicator lights</td>
</tr>
</tbody>
</table>

## Hydraulic System

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maker/Type</td>
<td>Sauer Danfoss - Gear pump</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>172 bar (2500 psi)</td>
</tr>
<tr>
<td>Flow</td>
<td>94.5 L/min (22 gal./min) @ 1900 rpm</td>
</tr>
<tr>
<td>Filtration</td>
<td>On return line to reservoir 15 microns with bypass</td>
</tr>
<tr>
<td>Fluid capacity</td>
<td>43 L (11 gal.)</td>
</tr>
<tr>
<td>Quick couplings</td>
<td>Ten (10) front quick couplings including drain line and two (2) rear quick couplings</td>
</tr>
<tr>
<td>Hoses and connectors</td>
<td>Parker hydraulic hoses and connectors Rigid steel pipe</td>
</tr>
</tbody>
</table>

## Dimensions on tracks

- **Shipping weight on tracks:** 3404 kg (7510 lb) approx.
- **Ground pressure on tracks:** 26 kPa (3.8 psi)
- **Turning radius on tracks:** 0 - 914 mm (0 - 36 in.)
- **Plans:** 534 mm (20.9 in.), 256 mm (10 in.), 1293 mm (50.9 in.), 2372 mm (93.5 in.), 1401 mm (55 in.), 3404 mm (134 in.)
### Specifications

#### Chassis
- Steel chassis welded and bolted including articulation joint system to allow the conversion from tracks to wheels and vice versa
- Maximal tilt: flank 35% - uphill 55%
- Push frame with manual coupler ready to receive front attachment includes:
  - Two (2) cylinders for hydraulics lifting
  - Rear hitch towing capacity of 2722 kg (6000 lbs)

#### Operator Comfort
- AM/FM radio / CD player and Ipod stereo, two (2) rear speakers
- Noise level not to exceed 69 dBA at normal operating speed (2100 rpm)
- Air ride adjustable seat and armrest
- Cargo net, cup holder and coat hanger
- 12 V power outlet
- Heater of 34000 BTU and air conditioning of 23000 BTU with directional outlets
- Intake air filtered (10 microns) and pressurized cabin
- Tilt (30 degrees) and telescopic 40 mm (1.57 in.) steering column
- DOT approved tinted tempered safety glass
- Left and right side sliding windows
- Two (2) rear view mirrors inside the cabin
- Dome light

#### Warning Lights and Buzzers
- Low engine oil pressure
- Battery charging system
- Hydraulic filter condition
- Low hydraulic level
- High hydraulic temperature
- High engine coolant temperature
- Low engine coolant level
- High engine air intake temperature
- Error code for engine

#### Safety
- Cabin is certified ROPS and FOPS
- Three (3) tie point security belt
- Service brakes through hydrostatic transmission
- Emergency stop switch
- Pinch point, danger and caution decals
- Backup alarm

#### Warranty
- Vehicle: One (1) year / 1500 hours (parts and labour) starting on delivery date
- Central pivot: Five (5) years / 5000 hours (parts and labour) starting on delivery date
- Engine: Two (2) years / 3000 hours

### Complete Dashboard
- Temperature indicator for coolant
- Speedometer
- Fuel gauge
- Hour meter
- Indicator lamp for parking brakes
- Indicator lamp for headlights
- Tachometer
- Low fuel level warning light

### Standard Equipment
- One (1) front intermittent pantograph wiper, outside windshield washer tank of 3.75 L (1 gal.) capacity, one (1) rear wiper
- Aluminum cabin mounted on air ride suspension and shock absorbers
- Fiber glass engine cover
- Adjustable 50 mm (2 in.) joystick with armrest
- Track mode steering: independent control of each track through a microprocessor via the steering wheel
- Wheel mode steering: two (2) hydraulic cylinders to articulate central pivot with stoppers
- Horn located on light switch arm
- Rear water exit
- Floating position

### Others
- Optional turf tires: 31 x 13.50 - 15 NHS - Ground pressure: 119 kPa (17.3 psi)
- Available colors: red, green, yellow and blue

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**Dimensions on wheels - 4-season tires (P265-70R16)**

![Dimensions Diagram](image_url)

**Dimensions:**
- Shipping weight on wheels: 2795 kg (6142 lb) approx.
- Ground pressure - 4-season tires: 200 kPa (29 psi)
- Turning radius on wheels: 4267 mm (168 in.)

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**Dimensions Diagram:**

**Dimensions:**
- 2184 mm (86 in.)
- 254 mm (10 in.)
- 1282 mm (50.5 in.)
- 4267 mm (168 in.)
- 1621 mm (63.5 in.)
- 2038 mm (80.25 in.)
- 2404 mm (94.8 in.)

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**Patent pending.**

Canadian industrial design #122482. USA design patent #D571378.

Revised: 2010.11

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Multifunctional vehicle with dual traction modes

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