

**LITE-TRAC**

SS2400 Tool Carrier

Technical Specification

Engine: Cummins Qsb 6.7

- 4 stroke, turbo charged diesel
- Tier 3 emissions
- Power output, 260 hp (194KW) @ 2500 RPM
- Torque 728 lb-ft (990Nm) @ 1500 RPM
- 33% Torque reserve
- 420 litres fuel capacity
- Cooling fan controlled by Engine ECU
- WABCO compressor water cooled 15 CFM
- 60 litre air tank

Transmission: Dana 36000 series

- 6 forward, 3 reverse power shift
- Auto or manual gear change
- 50 Kph road speed
- Permanent 4wd
- Full 100% diff-lock each axle
- Auto lockup torque converter

Axles

- 12000 Kg/axle dynamic load rating
- 2050mm width
- 10 stud pattern (335 pcd)
- Electro/hydraulic diff-lock

Suspension

- Front and rear axles on triple link A-frames
- 4 airbags and 4 shock absorbers per axle
- Adjustable system pressure depending on load
- Adjustable axle ride height
- A-frame and tramp bar joints are replaceable metalastic bushings
- Front and rear anti roll bars

Brakes

- Hydraulically charged dual circuit system
- In board axle brakes
- Sprung on/power off in board park brake, automatically applied in "PARK"

Hydraulics

- Triple gear pump: First 14cc per rev for front axle steering. Second 14cc per rev for rear axle steering and brake charge. Third 16cc per rev, tractor spool valve
- Eaton load sensing pump, 80cc per rev running from PTO 1, variable speed
- Optional Eaton load sensing pump, 80cc per rev running from PTO 2
- 8 spool valves standard for demount sprayers

Steering

- Open centre hydrostatic front axle
- Selectable fully automatic alignment at any time rear axle steer, auto safety lock to central position if power failure
- 4.5 metre turning radius (depending on wheel width)
- Adjustable offset crab mode to reduce compaction

Cab

- Forward control with 360° vision through safety glass, rubber mounted
- Air suspended driving seat and command-arm control console, with Murphy engine control display panel, demount controls and displays
- Cushioned instructional seat
- Foot throttle with auto rest hand throttle to maintain field speed, linked to master spray
- Foot brake
- Short throw power shift lever with park position to apply park break and drop access step.
- Bluetooth radio/CD player
- Storage drawer under seat
- Storage compartment behind passenger seat
- Safety switch on seat for transmission cut out
- 2 way radio fixings pre-wired
- Front work lamps
- Double flashing beacons
- Carbon cab filter
- Electric adjustable mirrors

Rowcrop wheel options

- Adjustable centres are fitted to all row crop wheels
- 480/80 R50 Michelin AgriBib tyres
- 380/80 R50 Firestone tyres

Flotation wheel options

- Flotation wheels are fitted with fixed rims
- 800/70 R38 Michelin AxioBib tyres
- 800/70 R38 Michelin MachXBib tyres
- 800/70 R38 Firestone tyres
- 710/70 R42 Michelin MachXBib tyres
- 710/70 R42 BKT Agrimax tyres
- 650/85 R38 Michelin AxioBib tyres
- 650/85 R38 Michelin MachXBib tyres
- 650/85 R38 Kleber tyres
- 520/85 R46 Michelin Agribib tyres
- 520/85 R46 Continental tyres

Headland management

- Auto switching between two and four wheel steering
- Auto switching between application and turning speeds
- Controlled by Trimble GPS spray controller

Electrical

- 12v system which is pre-wired for demountable attachments

Dimensions

- 3644 mm wheelbase
- 7400 mm total length
- 3000 mm maximum width
- Un-laden weight share of 4420 Kg on the front axle and 3780 Kg on the rear axle
- Maximum gross vehicle weight 24000 Kg

Options

- GPS auto steering from Trimble FMX unit
- Xenon worklamps