

# LITE-TRAC



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## www.lite-trac.com



- 240 Horse Power
- 14 Ton Payload
- Active Air Suspension
- 50 kph
- Power Shift Transmission
- Equal Weight Distribution
- Hydraulic Demount Platform
- Lime Spreader Demounts
- Muck Spreader Demounts
- Crop Sprayer Demounts



- Crop Sprayer Demounts from 4,000 Litre
- Crop Sprayer Demount up to 7,000 Litre
- Crop Sprayer up to 48 Metre Boom
- Lime Spreader up to 14 Ton
- Mid-mounted Engine Position for equal weight distribution
- Slurry Tank Demount
- Fertiliser Spreader Demount

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### Engine

Model	Cummins Qsb 6.7
Type	4 stroke, turbo charged diesel
Emission	Tier 3
Power	240hp (179KW) @ 2500 RPM
Torque	728 lb-ft (990Nm) @ 1500 RPM
Torque Reserve	33%
Fuel Tank	260 Litres
In-cab Murphy Engine Control Display Panel	
Cooling Fan controlled by Engine ECU	
WABCO Compressor Water Cooled 15 CFM	
60 Litre Air Tank	

### Transmission

Model	Dana 36000 series
Type	Power Shift
Gears	6 forward 3 reverse
Forward Speeds	50(Kph) @ 1900 RPM
4wd	Constant
Diff-Lock	100% each axle
Torque Converter	Auto lockup

### Axles

Rated weight	12,000 Kg (each) Dynamic load
Gearing	Double Reduction
Width	2050mm
Stud Pattern	10 stud 335 pcd
Differential Lock	Electro/Hydraulic locking

### Brakes

System	Dual Circuit hydraulically charged
Axle Brake	In Board
Park Brake	In Board (spring on, power off) Automatically applied in "PARK"

### Hydraulics

Triple Gear Pump	First: 14CC per rev Front Axle Steering Second: 14CC per rev, Rear Axle Steering and Brake charge Third: 16CC per rev, tractor spool valve
PTO 1	Eaton load sensing pump, 49CC per rev
PTO 2 (optional)	Eaton load sensing pump, 80CC per rev (optional)
Spools	7 standard for Demount

### Steering

Front Axle	Open Centre Hydrostatic
Rear Axle	Full Automatic Alignment at any time, auto safety lock to straight position if power failure
Turning Radius	4.5 (depending on wheel width)

### Cab

Type	Forward control with full safety glass, rubber mounted, 360° vision
Seating	Air suspended drivers seat and control console, cushioned passenger seat sprayer control panel (option)
Foot throttle	Auto reset hand throttle to maintain same field speed
Foot Brake	
Power Shift Lever	In park position, automatically applies hand brake and access step down

### Radio/CD Player

1 Storage drawer under seat
Storage compartment behind passenger seat
Fuse panel in cab
Side console fixed to air seat, with forward and back adjustment
Safety switch on seat for transmission
2 way radio fixings pre-wired
Front work lamps
Double flashing beacons
Auxiliary pre-wired for rear work lamps
Air conditioning
Carbon Cab Filter
Electric Mirrors

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### Electrical

12v system                      Pre-wired to back of machine for demount attachments

### Dimensions

Wheelbase                      3644mm  
Length                            7400mm  
Height                            2945mm  
Width                             2800mm  
Un-laden weight              Front 4420Kg  
   Rear 3780Kg  
Gvw                                2400Kg

- Determined by wheel sizes and wheel centre options

### Suspension

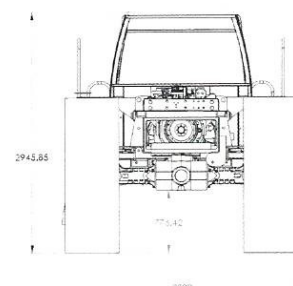
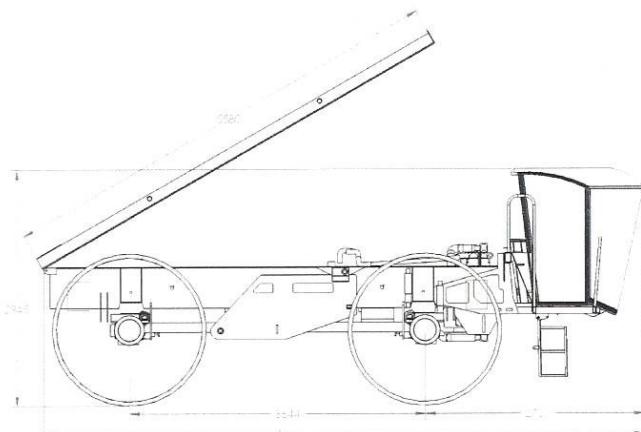
Setup                              Front and Rear axles on A frame system  
   4 Airbags on each axle  
   Adjustable air pressure depending on load  
   Adjustable axle ride height  
   4 shock absorbers on each axle  
   A Frame and tramp bar joints are replaceable metalastic joints

### Optional

Extra Spools  
PTO2                              Hydraulic Load sensing 80CC per rev  
PTO3                              Mechanical Drive  
Anti-roll Bars                    Front and Rear  
Tow-bar                            With hydraulic pickup hitch  
Hydraulic Trailer Brake Kit  
Auto Satellite Steer System  
Tyre inflate on the move

### Selection of wheel gears

Floation Tyres                800/70R38 Firestone RDT23 173A8 x 4  
Row Crop Wheels            380/90R54 2 piece rim 72" out to 84"



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# SPRAYER DEMOUNT

## Booms

Alu-light BI fold 24 metre, 28 metre boom on 1900 wide back frame.

30 m 32m 36m 40m 48m are on 2300 wide back frame

## Chafer booms

Bi fold or tri fold working width from 24m to 48 m.

All booms have auto one button press/hold to open, and press and hold to close

Standard auto boom height sensing

## Tanks

Any size from 3,500 litres to 80,000 litres made in stainless with 3 wash heads. 2 hatches front one with extra can wash from top platform 600 litre clean water tank.

## Plumbing

3" suction with built in stainless filter. 2" pressure plumbing with simple manual 4 way control valve. 3/4" spray lines with 22 section in any nozzle configuration with possiflow resectulate lines, hi pressure auto flush boom filters. All the main pipe work built into tank in stainless.

## Pumps

Centrifugal 500 LPM to 1385 LPH hydro hyd. load sense driven giving maximum output if required at low engine RPM. Clean water pumping as 50lt head to keep pump primed.

## Control system

Standard x 20 top con pressure based by means of 2" in line

Pinch valve air controlled

Master is Saunders air controlled

Auto section shut off

## Option

Tanklake flow metre	(Suspension fertiliser)
Viton pinchvalve liner	(Suspension fertiliser)
2nd spray line 3metre section spray line	(Suspension fertiliser)
216 stainless tank	(Suspension fertiliser)