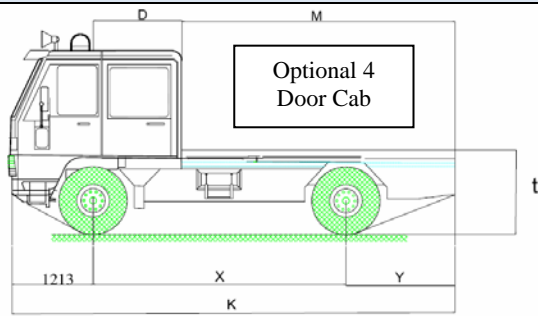


# TITAN 4x4 Light Truck

# Series T4-815



## DIME DIMENSIONS (mm)NSIONS (mm)

Wheelbase	X :	4400	3800	3300
Overall length	K :	6995	6995	5500
Overall height	H :	2510	2510	2510
Front track	C <sub>1</sub> :	1770	1770	1770
Rear track	C <sub>2</sub> :	1602	1602	1602
Rear overhang	Y :	1900	1699	800
Minimum ground clearance	L :	258	258	258
Turning circle radius.	:	8077	7115	5500
Angle of approach	∞ <sup>1</sup> :	25°	25°	25°
Angle of departure	∞ <sup>2</sup> :	18°	18°	18°

## WEIGHTS (kg)

Max. permitted GVW	:	8500
Max. permitted at Front	:	2500
Max. permitted at Rear	:	6000
Kerb weight of chassis	:	2700

## ENGINE : Cummins EQB 140 – 20 (Euro2)

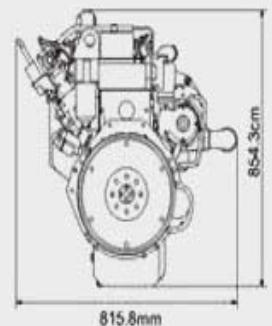
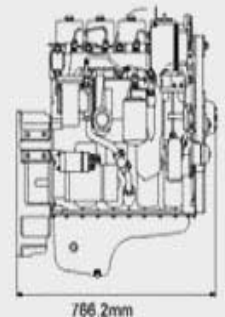
Aspiration :	Turbocharged & After cooled
Emission Level :	EURO 2 standard EURO 3 option
Diesel, Direct injection :	: 4 stroke
Number of cylinders :	: 4 in line
Bore :	102mm
Stroke :	120mm
Total Displacement :	3.9L
Max power output (SAE) :	156 HP at 2400 r.p.m
Max torque (SAE) :	502N.m@1500r/min
Air filter :	Dry type with cleanable element

## Performance

Engine Idle Speed	750±100r/min
Max.powered seed (kmph)	100
Max.gradeability (restart %)	30
Maximum altitude for continuous operation	3000m




## Power Curve



- Torque(N.m)
- Power(kW)
- BSFC(g/kWh)

# TITAN 4 - 815

<b>CLUTCH</b> 350 mm dia. Non – asbestos single Plate, <b>SACHS</b> Dry type Diaphragm clutch, hydraulically actuate		<b>LIGHTING AND INDICATORS</b> Head lamps, low beam, and high beam Direction indicators: front, side, rear Rear lights: direction, tail stop, reverses Roof marker lights	
<b>GEAR BOX</b> Synchromesh Z6 - 6S-120 Manual gear box <b>Fuller</b> Technology : No. of speeds 5 + 1 reverse : 5.160,2.808,1.594,1.000,0.756,R5.406		<b>SUNDRIES</b> Pin type front vertical hook Spare wheel fitted with wheel carrier	
<b>CHASSIS FRAME</b> : All steel – Ladder type		<b>CAB</b> All steel, short, forward control, manually tilt able (1 <sup>st</sup> step 40°; 2 <sup>nd</sup> step 50°) torsion bar assisted Cab suspension by 4 rubber bushes One piece, laminated windscreen Low positioned exterior door handles	
<b>Dimensions (mm)</b>		<b>Interior</b> <ul style="list-style-type: none"> <li>Adjustable driver seat.</li> <li>Driver &amp; 2 seats</li> <li>Safety belts</li> <li>Manually operated wind-up windows</li> <li>Fixed quarter vents</li> <li>Kerb observation windows</li> <li>Entry assist grab handle</li> <li>Floor mat</li> <li>Ceiling lamp</li> <li>Sun visor</li> <li>Glove compartment</li> <li>Rear view mirror</li> </ul> <b>Exterior</b> <ul style="list-style-type: none"> <li>Two electrically operated windscreen wipers</li> <li>Front steel bumper</li> <li>Access step</li> <li>Mudguards and front grille</li> <li>Radiator guard</li> <li>External rearview mirrors</li> <li>Front wind deflectors</li> </ul> <b>Instruments</b> <ul style="list-style-type: none"> <li>⊛ Fuel level indicator + warning light</li> <li>⊛ Engine coolant thermometer + warning light</li> <li>⊛ Speedometer with odometer</li> <li>⊛ Engine oil pressure gauge + warning light</li> <li>⊛ Brakes air pressure gauge</li> <li>⊛ Battery charge indicator</li> <li>⊛ Key type ignition switch</li> <li>⊛ Twin nozzle electric windscreen washer</li> <li>⊛ <b>Optional 4 door cabinet</b></li> </ul> <b>Fuel system consisting of:</b> <ul style="list-style-type: none"> <li>212 lit fuel tank</li> <li>Double fuel filter</li> <li>Water separator</li> <li>Jack, Tool set</li> </ul>	
<b>Thickness longitudinal</b> : 6.35			
<b>Height longitudinal</b> : 229			
<b>Width of webs</b> : 76			
<b>STEERING</b> : Power assisted steering			
<b>FRONT AXLE</b> : 4x4 Type <b>DANA</b>			
<b>REAR AXLE</b> : Fully floating, single speed, Hypoid Gear <b>DANA 60 SHO</b> ,			
<b>Axle ratio</b> : 1 : 5.286 <b>ABS (Optional)</b>			
<b>SUSPENSION</b> : Semi-elliptic multi leaf Shackle Ended			
<b>Shock absorbers</b> : double acting, Hydraulic telescopic type At front.			
<b>WHEELS</b> : 2 nos. in front and 4 nos. in rear. Rim Size B 6.5 / 16			
<b>TYRES</b> : Size 8.25 R16 14 PR			
<b>BRAKING SYSTEM</b> : Hydraulic dual circuit : (Optional) Full air pressure diaphragm operated on all wheels dual line circuit system			
<b>Parking</b> : Pneumatically controlled on rear Wheels only. With Wabco ABS system : Extra Exhaust Brake & Auto Slack			
<b>ELECTRICAL SYSTEM</b>			
<b>Type</b> : 24 V negative earth			
<b>Battery</b> : 90Amp. Hr. (20 Hr. rating)			
<b>Alternator max output</b> : 55Amps			
<b>Starter</b> : 24V 4.5 kw			
			
Electrolab has the right to continuously develop and improve its products, and that requires changing specifications from time to time.			

## ELECTROLAB

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