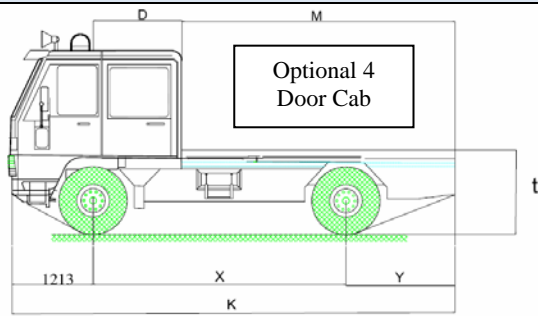


TITAN Medium Duty Truck

Series T1218



DIME DIMENSIONS (mm)NSIONS (mm)

Wheelbase	X :	5200	4200	3800
Overall length	K :	6000	6000	6000
Overall height	H :	3000	3000	3000
Front track	C ₁ :	1900	1900	1900
Rear track	C ₂ :	1860	1860	1860
Rear overhang	Y :	1260	1260	1260
Minimum ground clearance	L :	268	268	268
Turning circle radius.	:	9800	8077	7115
Angle of approach	∞ ¹ :	20 ⁰	20 ⁰	20 ⁰
Angle of departure	∞ ² :	15 ⁰	15 ⁰	15 ⁰

WEIGHTS (kg)

Max. permitted GVW	:	12000
Max. permitted at Front	:	4000
Max. permitted at Rear	:	8000
Kerb weight of chassis	:	3900

ENGINE : Cummins EQB 180 – 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	5.9L

Max power output (SAE) : 180 HP at 2400 r/min

Max torque (SAE) : 610N.m@1500r/min

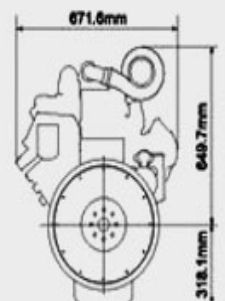
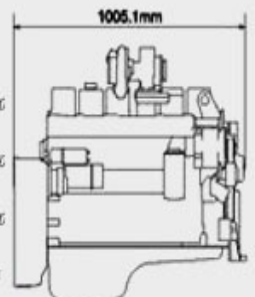
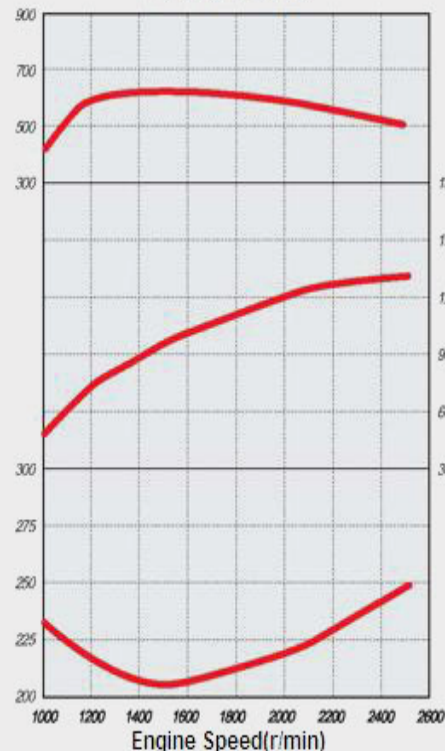
Air filter : Dry type with cleanable element

Performance

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




Power Curve



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

TITAN 1218

<p>CLUTCH</p> <p>350 mm dia. Non – asbestos single Plate, SACHS Dry type Diaphragm clutch, hydraulically actuate</p>	<p>LIGHTING AND INDICATORS</p> <p>Head lamps, low beam, and high beam Direction indicators: front, side, rear Rear lights: direction, tail stop, reverses Roof marker lights</p>
<p>GEAR BOX</p> <p>Synchromesh Manual gear box Fuller Technology : No. of speeds 6 + 1 reverse : 8.26; 6.08; 4.53; 2.47; 1.35; 1.00 12.99 (r)</p>	<p>SUNDRIES</p> <p>Pin type front vertical hook Spare wheel fitted with wheel carrier</p>
<p>CHASSIS FRAME</p> <p>:All steel – Ladder type</p>	<p>CAB</p> <p>All steel, short, forward control, manually tilt able (1st step 40°; 2nd step 50°) torsion bar assisted Cab suspension by 4 rubber bushes One piece, laminated windscreen Low positioned exterior door handles</p>
<p>Dimensions (mm)</p>	<p>Interior</p>
<p>Thickness longitudinal</p> <p>: 6mm + Angle 6mm</p>	<ul style="list-style-type: none"> • Adjustable driver seat. • Driver & 2 seats • Safety belts • Manually operated wind-up windows • Fixed quarter vents • Kerb observation windows • Entry assist grab handle • Floor mat • Ceiling lamp • Sun visor • Glove compartment • Rear view mirror
<p>Height longitudinal</p> <p>: 260</p>	<p>Exterior</p>
<p>Width of webs</p> <p>: 680</p>	<ul style="list-style-type: none"> • Two electrically operated windscreen wipers • Front steel bumper • Access step • Mudguards and front grille • Radiator guard • External rearview mirrors • Front wind deflectors
<p>STEERING</p> <p>: Power assisted steering</p>	<p>Instruments</p>
<p>FRONT AXLE</p> <p>: Forged, I section, Type DANA</p>	<ul style="list-style-type: none"> ✧ Fuel level indicator + warning light ✧ Engine coolant thermometer + warning light ✧ Speedometer with odometer ✧ Engine oil pressure gauge + warning light ✧ Brakes air pressure gauge ✧ Battery charge indicator ✧ Key type ignition switch ✧ Twin nozzle electric windscreen washer ✧ Optional Taco graph ✧ Optional Maximum Speed Limiter ✧ Optional 4 door cabinet
<p>REAR AXLE</p> <p>: Fully floating, single speed, Hypoid Gear DANA 60 SHO,</p>	<p>Fuel system consisting of:</p> <ul style="list-style-type: none"> • 212 lit fuel tank • Double fuel filter • Water separator • Jack, Tool set
<p>Axle ratio</p> <p>: 1 : 5.286 ABS (Optional)</p>	<p>Electrolab has the right to continuously develop and improve its products, and that requires changing specifications from time to time.</p>
<p>SUSPENSION</p> <p>:Semi-elliptic multi leaf Shackle Ended</p>	
<p>Shock absorbers</p> <p>: double acting, Hydraulic telescopic type At front.</p>	
<p>WHEELS</p> <p>: 2 nos. in front and 4 nos. in rear. Rim Size B 6.5 / 20</p>	
<p>TYRES</p> <p>: Size 10.00 R20</p>	
<p>BRAKING SYSTEM</p> <p>: Hydraulic dual circuit : (Optional) Full air pressure diaphragm operated on all wheels dual line circuit system</p>	
<p>Parking</p> <p>: Pneumatically controlled on rear Wheels only. With WABCO ABS : Extra Exhaust Brake & Auto Slack</p>	
<p>ELECTRICAL SYSTEM</p>	
<p>Type</p> <p>: 24 V negative earth</p>	
<p>Battery</p> <p>: 150Amp. Hr. x 2</p>	
<p>Alternator max output</p> <p>: 1000W</p>	
<p>Starter</p> <p>: 24V 5.4 kw</p>	
	

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