



Prima 4938 Tractor



ENGINE		TRANSMISSION	
Make	Cummins	Make / Model	Eaton FSO10309 OD
Model	ISLe 375 Euro-III	Type	Synchromesh
Engine type	6 cylinder common rail	Shift	Manual
Capacity (cc)	8 898	No. of gears forward	9
Layout	Diesel	Crawler gear ratio	10.58
Type	Turbo intercooled	First gear ratio	n/a
Power kw @ r/min	279 @ 2100	Top gear ratio	0.74
Torque Nm @ r/min	1550Nm @ 1200 - 1400		
MAJOR DIMENSIONS		MASS	
Overall height (mm)	3 286	GVM (kg)	25 500
Overall length (mm)	6 968	V (kg)	25 000
Max width (mm)	2 950	GCM (kg)	49500
Front overhang	1 482	D/T (kg)	49500
Rear overhang	921	Tare - total (T) (kg) - w/o body	9 970
Wheelbase (mm)	3 890	Permissible rear axle weight (kg)	18 000
CA - cab to bogie/rear axle (mm)	2 695	Permissible front axle weight (kg)	7 500
BRAKES		Manufacturers rear axle weight (kg)	21 000
Type	Full air dual circuit with ABS	Manufacturers front axle weight (kg)	7 500
CLUTCH		DRIVE AXLE	
Type	Single	Reduction type	Hub reduction
Diameter (mm)	430	Front axle	7.5 ton
		Rear axle ratio	5.492

SUSPENSION		ELECTRICAL & FUEL	
Front	Parabolic leaf springs	Fuel tank capacity (ltrs)	630
Rear	Semi elliptical leaf springs		
Anti-lock braking system (ABS)	Full air dual circuit		
TYRES			
Size and ply rating	315/80R22.5 Rib (front) & Lug (rear)		
OTHER TECHNICAL FEATURES			
Gradeability (%)	30.6%		
Max. speed (kmph)	103		
Body type	n/a		