



Prima 4028



ENGINE		TRANSMISSION	
Make	Cummins	Make / Model	ZF 9S1110 OD
Model	ISBe 270 Euro-III	Type	Synchromesh
Engine type	6 cylinder common rail high pressure	Shift	Manual
Capacity (cc)	6 692	No. of gears forward	9
Layout	Diesel	Crawler gear ratio	9.48
Type	Turbo intercooled	First gear ratio	n/a
Power kw @ r/min	200 @ 2500	Top gear ratio	0.75
Torque Nm @ r/min	970Nm @ 1200 - 1700		
MAJOR DIMENSIONS		MASS	
Overall height (mm)	3 286	GVM (kg)	18 000
Overall length (mm)	6 133	V (kg)	18 000
Max width (mm)	2 950	GCM (kg)	40500
Front overhang	1 482	D/T (kg)	40500
Rear overhang	1 191	Tare - total (T) (kg) - w/o body	7 100
Wheelbase (mm)	3 460	Permissible rear axle weight (kg)	9 000
CA - cab to bogie/rear axle (mm)	2 262	Permissible front axle weight (kg)	7 500
BRAKES		Manufacturers rear axle weight (kg)	13 000
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	6.724

SUSPENSION		ELECTRICAL & FUEL	
Front	Semi elliptical leaf springs	Fuel tank capacity (ltrs)	625
Rear	Multi leaf semi elliptical		
Anti-lock braking system (ABS)	Full air dual circuit		
TYRES			
Size and ply rating	315/80R22.5 Rib at front & lug at rear		
OTHER TECHNICAL FEATURES			
Gradeability (%)	24.90%		
Max. speed (kmph)	80		
Body type	n/a		