

**Deep mining conditions demand  
a tough performer**



Cummins CDRI 270  
HP Engine



Pneumatic Suspended  
Driver Seat



Data Logger



Mining Tyres  
12.00 x 24



Heavy Duty  
Suspension



On-Site Service  
Support

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**PRIMA 2528.K**  
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# Technical Specifications

## PRIMA 2528.K 6x4 BS III

CATEGORY	DESCRIPTION
<b>ENGINE</b>	
Model	CUMMINS ISBe 270 BS III
Type	Water-cooled direct injection turbo-charged, after-cooled diesel engine
Volume	6700 cc
Power	267 BHP @ 2500 rpm
Torque	970 Nm @ 1200-1700 rpm
<b>CLUTCH</b>	
Type	Single disc dry friction type
Diameter	430 mm
<b>GEAR BOX</b>	
Model	ZF 9S1110 TD
Type	Synchromesh on all forward speeds, constant mesh on reverse
<b>REAR AXLE</b>	
Model	TATA RA-210HR-T
Type	Planetary hub reduction, fully floating axle shafts
Ratio	7.246
<b>SUSPENSION</b>	
Type	Front - compensating linkage parabolic spring Rear - semi-elliptic multi-spring & rubber mounted torque rods & V-rods
Anti-roll Bar	At front & rear rwd
<b>WHEELS AND TYRES</b>	
Tyres	12.00 x 24-18 PR (mining)
Wheel Rims	8.50 x 24
Type	Nylon tyres (front & rear)
<b>FUEL TANK</b>	
Capacity	260 litres; material - steel
<b>CABIN</b>	
	Full forward steel cab with 4-point suspension, hydraulic tilting, adjustable steering wheel, driver & co-driver adjustable bucket seats
<b>ELECTRICAL SYSTEMS</b>	
	24V, 150AH, 90 amps
<b>PERFORMANCE</b>	
Max. Speed	78 kmph
Max. Gradeability in Crawler Gear	57.8%
<b>DIMENSIONS</b>	
Wheel Base	3950 mm / 4570 mm
Overall Length	6917 mm (7691 with body) / 7537 mm (8037 with box body)
<b>WEIGHTS</b>	
Kerb Wt with Tipping Body	14830 kg (with 16 cum - Scoop)
Max. Permissible GVW	25000 kg
<b>TIPPER BODY</b>	
Type	Scoop & Box
Capacity	16 cum - Scoop, 16/20 cum - Box
Tipping Cylinder	FE 149
Tipping Angle	52 Deg

## TATA MOTORS

For more information, please visit our website: [www.construck.tatamotors.com](http://www.construck.tatamotors.com). You can also contact our Sales Office: 26th Floor, Centre 1, World Trade Centre, Cuffe Parade, Mumbai 400 005. Tel: (022) 6656 1800; Fax: (022) 6636 0408 / 0409, or write to us at: [construck@tatamotors.com](mailto:construck@tatamotors.com)

CAUTION: Accessories shown in the picture or elsewhere do not constitute standard fitment. The specifications are merely indicative. Due to continuous product improvements, these specifications are liable to change without notice.

