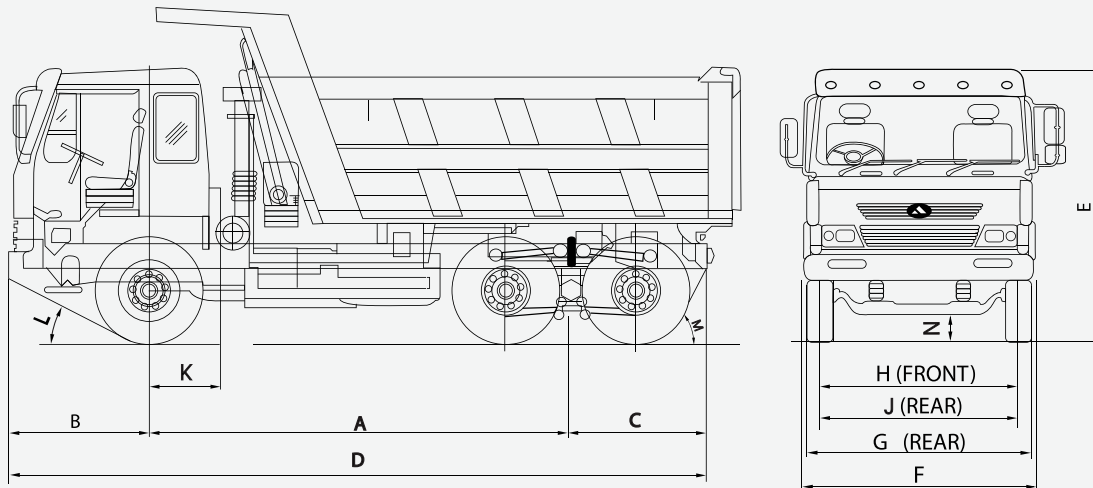


2528 TP





Asia MotorWorks Ltd.

2528 - 4300 WB 6 x 4 TIPPER

» SUPERB MANEUVERABILITY

Short wheel-base and turning radius makes negotiating sharper curves instinctive.

» EXCELLENT PRODUCTIVITY & SOLID PROFITS

A wide range of tipper body configuration helps you exceed your production targets and allows lowest cost of operations & ownership - puts more money in your pocket.

» COMFORTABLE & SAFE CABIN

We believe comfort is not an option. That's why we made A/C as standard. The operator gets maximum comfort in arduous mining conditions for higher turn around times.

» BEST IN CLASS GRADABILITY

61% - unmatched in its product category, handles deep mining application with ease.

» VERY POWERFUL DRIVELINE

Durable clutch, rugged gearbox, heavy-duty propeller shaft and hub reduction rear axle give high torque on the wheels.

TECHNICAL SPECIFICATIONS:

CHASSIS NOMINAL DIMENSIONS - Unladen (mm)

Wheel Base	4300
Front Overhang	1350
Rear Overhang	760
Overall Length	7085
Overall Height (Cab)	2770
Overall Width (Cab)	2370
Overall Width (Rear Axle)	2494
Track Front	2020
Track Rear	1856
Front Axle to Back of Cabin	760
Approach Angle	29°
Departure Angle	59°
Ground Clearance - Front	285
Ground Clearance - Rear	270
Frame Width	864

ENGINE

Model: CUMMINS - 6 ISBe 230
Type: DI - Turbo Charged after Cooled Diesel Engine
No. of Cylinders: 6 inline
Bore x Stroke: 107 x 124 mm
Capacity : 6.7 Liters
Max Power: 198 kW (267 HP) @ 2500 Rpm
Max Torque: 970 Nm @ 1200-1700 Rpm
Compression Ratio: 17.3:1
Oil Sump Capacity: 17.5 Liters
Air Filter : Dry type Remote Mounted
Oil Filter : Full Flow Paper Type
Fuel Filter: Single filter with water separator
Fuel Injection Pump: Bosch Common Rail
Fuel Tank: 220 Ltrs

CLUTCH

Setco, Single Dry Plate Diaphragm type,
Hydro Pneumatically Operated.
Dia : 395 mm

GEAR BOX

Model: 9S 1110 ZF Gear Box - Synchromesh
Speed Ratios: Crawler 12.73
I - 8.83, II - 6.28, III - 4.64, IV - 3.48
V - 2.54, VI - 1.81, VII - 1.34
VIII - 1.00, Reverse - 12.04

PROPELLER SHAFT

C2047 Series - GB to Rear Axle
C2040 Series - Inter Axle

REAR AXLE

Fully floating Tandem Hande Hub Reduction Rear
Axles. Both Driven Hypoid Bevel Gears with Interaxle
diff. lock air operated Ratio: 6.72

FRONT AXLE

Forged I Section - Reverse Elliot type

FRAME

HSLA Steel, Ladder Type Bolted Cross members.
Side Member: 270 x 82 x 7mm Channel reinforced
with inner channel section of 7 mm thick.

SUSPENSION

Front : Semi elliptical leaf springs with shock
absorber. Span: 1650mm
Rear: Fully articulated inverted Semi elliptical leaf
Springs on Tandem Bogie Trunnion & with Torque
rods. Span: 1350mm

SHOCK ABSORBERS

2 Nos. Heavy duty, double acting hydraulic shock
absorbers on front suspension.

STEERING

Integral Power Steering, with Double UJ. Adjustable
Steering Wheel - Ratio 20.4:1
Steering Wheel Dia: 475mm

WHEELS & TYRES

Rims : B7.5 x 20 - 10 Bolts, Spigotted
Tyres: Front: 11.00 X 20 - 16 PR - 2 Nos (Mining)
Rear: 11.00 X 20 - 16 PR - 8 Nos (Lug)
Spare: 11.00 X 20 16 PR - 1 No (Mining)

BRAKES

Service Brakes : Dual Circuit full Air
Parking Brake: Spring actuated on Rear Axles
Engine Exhaust brake: Butterfly type, provided

ELECTRICAL SYSTEM

System : 24 Volt (Negative Earth)
Alternator: 90Amps
Battery: 2 x 12V x 130 Amp hr (20 hr rating)

CABIN

Fully furnished, Standard Roof, Hydraulic Tilttable
Sleeper Cabin. A/C

BODY & TIPPING SYSTEM

All steel welded body Construction with automatic
Tail Gate Capacity - 16 Cu.m. Box type &
14cu.m.scoop Type,
Single Ram, Front end Tipping - Tipping angle >

PERFORMANCE (@ 25000Kgs)

Max Speed - geared (KMPH) : 74
Max. Gradeability (%) : 61
Min. Turning Circle Radius-mm: 8810

Do not weld or drill chassis. Technical Specifications are subject to change without notice.
Accessories shown are not part of the standard fitment.

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