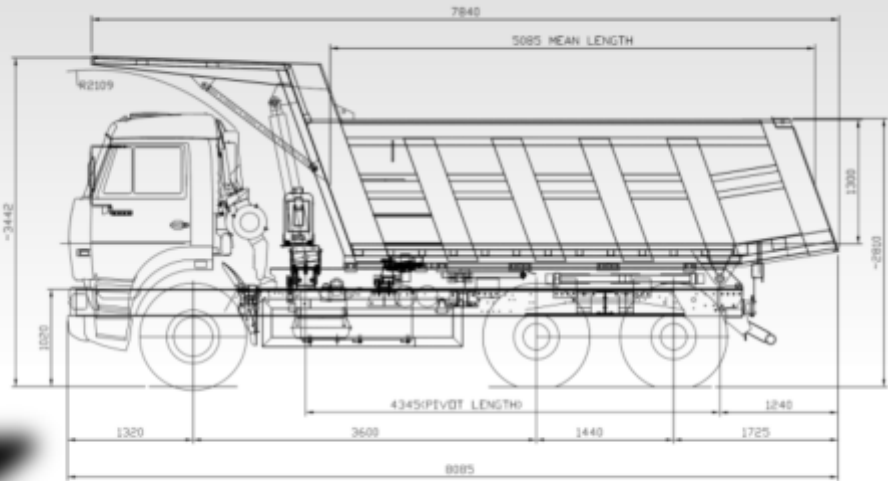




**KAMAZ
MOTORS**



TECHNICAL SPECIFICATION - 6520 (6X4 TIPPER)

WEIGHT

GVW (TONNE) 25

ENGINE

TYPE Kamaz - 740.61.320 Euro III
BORE X STROKE MM 120X130
NO. OF CYLINDERS V shape 8
DISPLACEMENT 11.76 litres
MAX POWER 320 Hp (235 Kw) @ 1900 Rpm
MAX TORQUE 1373 Nm @ 1300 - 1500 Rpm

FUEL TANK

CAPACITY 210/350 Ltrs Square tank

CLUTCH

TYPE Single asbestos free disc, 430mm, dry plate-pull type, power assisted

GEAR BOX

TYPE ZF 16S 1820 TO
Manual gear shift pneumatic assisted

AXLES

FRONT Heavy duty reverse Elliot forged I beam type
REAR Fully floating tandem axle-hub reduction
RATIO 5.11:1

SUSPENSION

FRONT Semi-elliptic multi leaf with hydraulic double acting shock absorber
REAR Fully articulated inverted semi-elliptical leaf springs on tandem bogie trunnion with torque rods.

STEERING SYSTEM

TYPE Integral power steering with double U/J.
DIAMETER 510mm
RATIO 21.5:1

BRAKES

TYPE Service Brake: Dual circuit drum brakes, asbestos free brake linings with automatic slack adjuster
Parking Brake: Spring actuated on rear axle
DIA 420mm
WIDTH 180mm
ENGINE BRAKE Kamaz engine exhaust brake

WHEELS & TYRES

NO. OF WHEELS 10 + 1 spare wheel
OPTION 1 11 x 20 - 16 PR
SIZE OPTION 2 12 x 20 - 16 PR
OPTION 3 12 x 20 - 18 PR (Mining pattern)

CABIN

TYPE Day cabin, fully tiltable, semi-suspended hydraulic controller
AC System Comfort pack (A/C)

ELECTRICAL SYSTEM

VOLTAGE 24 V
BATTERY CAPACITY 2 X 12 V, 165 AH

DUMP BODY

TYPE 14 Cu.m box / 16 Cu.m box & rock body

PERFORMANCE

MAX SPEED 100 Km/h
MAXIMUM GRADEABILITY 42%

DIMENSIONS (MM)

WHEEL BASE 4300
OVERALL LENGTH 8085
OVERALL WIDTH 2600
OVERALL HEIGHT, UNLADEN 3442
FRONT OVERHANG 1320
REAR OVERHANG 1725
FRONT TRACK 2090
REAR TRACK 1830
MIN. GROUND CLEARANCE 296

Note: Specifications and other parameters are subject to change.