



مؤسسة الواسط لتجارة المعدات AL WASIT MACHINERY TRAD. EST.

CAMC 9 CBM TRANSIT MIXER – 6X4

Engine WP10.375 Weichai

Type:	Four-stroke, water-cooled, in-line,
dry-liner, direct-injection,	
Max. Power	276kW/2200rpm
Max. Torque:	1460N.m/1200~1600rpm
No. of cylinder:	6
Displacement:	9.726L
Controller type:	Mechanical
Air cleaner	Dry paper
Fuel pump	Bosch

Transmission

Model: ZF 9S -1820

Type: Mechanical (synchronizer) Tires: 12R22.5

1st	11.26
2nd	7.90
3rd	5.67
4th	4.07
5th	2.76
6th	1.94
7th	1.39
8th	1.00
Reverse	12.26

Axles

Front: Stub axle with double T-cross section

Capacity: 7,500kg

Rear: double reduction and final drive ratio: 5, 73

Capacity: 2×13000kg

Brake system

Service: Full Air Brake, Dual circuit

Parking: Spring actuator at rear wheels

Auxiliary:exhaust brake

Fuel Tank

Mounted on offside of the frame

Capacity: 320L

Material: galvanized steel

Steering

Driving position: Left hand drive only

Type: recirculation ball with integral power assisted by oil

Suspension

Front suspension: tapered leaf spring 9 semi-elliptic leaf spring

Rear suspension: tapered leaf spring 12 semi-elliptic leaf spring

Clutch

Type: Hydraulic control with air assisted

Plate diameter: dry single plate with diaphragm



Dimensions (mm)

Overall dimension	9,000×2,500×3900
Kerb mass	12,800kg
Number of axle	3
Tread (mm)	2065/1860/1860
Wheelbase (mm)	3600+1350
Min. ground clearance (mm)	255
Crew	3

Payload (kg)

Axle load:	Front: 7,500
	Rear: 2×7,500
Payload	19,200
GVW	32,000

Calculated Performance

Max. Speed (km/h):	80
Max. Grade ability (%):	30
Min. turning radius (m):	10

Mixing drum and driving system

Geometric volume of mixing drum (m ³) :	14.8
Mixing volume (m ³) :	9
Materials for mixing drum :	16MnCu
Loading rate (%) :	60.8
Feeding speed (m ³ /min) :	> 2.7
Discharging speed (m ³ /min) :	> 1.2
Residue rate (%) :	< 1
Rotation speed of mixing drum (rpm) :	0 - 15
Inclination of mixing drum:	13.8°
Model/brand/origin of pump:	A4VTG90/Rexroth/Germany
Model/brand/origin of reducer:	PLM9/ZF/Germany