

HOWO Dump Truck 12 Tyres 8X4 Tipper:



Main Specifications:

Driver's Cab (One sleeper with A/C)

Model	Howo A7 Cab, with one sleeper beds, two seats, with A/C
Type	Forward control cab, hydraulically tiltable by 60°
Construction	Current standard all steel construction
Instrument panel	Clearly visible, indicators of compressed air pressure, coolant temperature, engine oil pressure and battery charging

Seats	4-point support fully floating suspension + shock absorbers driver adjustable & passenger fixed
Seat belts	For driver & passenger
Glass	Tempered safety glass
Sun visors	Dual, adjustable
Mirrors	Large, truck type convex
Wind screen wiper	3 arm wind screen wiper system with 3 speeds
Entertainment system	FM/AM/SW, 4 band radio with cassette player, two speaker and antenna
Steering wheel	Adjustable steering wheel
Horn	Air horn
Panel	LCD Panel with LED light

Engine

Engine brand	SINOTRUK
Engine model	WD615.47, 390hp
Emission Standard	EURO II
Engine type	Diesel 4-stroke direct injection engine, 6-cylinder in-line with water cooling, turbo-charging & Inter-cooling
Displacement	9.726 liters
Max. Output	390hp@2200rpm
Max. torque	1250Nm @1100-1600 rpm
Bore/Stroke	126/130mm
Compression ratio	17:1
Specific fuel consumption	≤193g/kW.h

Cooling system

Medium	Water
Radiator	heavy duty type
Cooling fan	Visco static fan tropical type
Thermostat	Opening at 70-80°C
Warning device	Audible & visual

Clutch

Φ430 Diaphragm type, Single dry frictional disc, Hydraulic boosting hydraulically
Type operating with air assistance

Transmission

Type	Heavy duty, manual fuller type
Model	HW19710
No of speeds	10 forward + 2 reverse

Model	Torque(Nm)	Gear Ratios										Oiling (L)		
		1	2	3	4	5	6	7	8	9	10		R1	R2
HW19710	1900	14.28	10.62	7.87	5.88	4.38	3.27	2.43	1.80	1.34	1.00	13.91	3.18	12

Front Axle

Type	HF9 tons steering with double T-cross section beam
Capacity	9000kg

Rear Axle

Type	HC16(16 ton, punching-welding axle housing, double reduction driving axle, inter-wheel differential and differential lock)
Capacity	16T

Chassis

Frame	Heavy duty, reinforced sub frame, 300mmx80mmx8mm (inner: 280mmx70mmx7mm)
Front suspension	semi-elliptic leaf springs with hydraulic telescopic double-action shock absorbers and stabilizer, 1500mm
Rear suspension	semi-elliptic springs ,and bogie springs, and stabilizer , 1739mm

Air in-take system

Air cleaner type	Heavy duty type
Pre filter	Cyclone

Exhaust system

Capable of maintaining the sound level as low as possible.

Steering

Location	Left hand
Model	ZF 8098 (Made in Germany) hydraulic steering with power assistance

Variable ratios 22.2-26.2, 17.0-20.0
Max. pressure 170+10 bar
Max. output torque 7618 Nm
Weight 42 kg

Bumper

Installed heavy duty front and rear steel bumpers

Brake System

Service brake Dual circuit compressed air brake.
Parking brake Spring energy, compressed air operating on rear wheels
Assistant brake Engine exhaust valve brake

Wheels & Tyres

Wheels Single front and dual rear
Tyres Double Coin brand, 12.00R20
Quantity 13

Air Supply system

Warning device Audible & visual
Air line Heavy duty steel pipes

Electrical System

Operating Voltage 24V, Negative grounded; Starter 24V, 7.5KW
Battery type 2x12V, 165Ah/180Ah
Alternator 28V, 1500W
Cigar Lighter, horn, head lamps, fog lights, brake lights, indicators and reverse lamp

Dimensions

Wheel base 1800mm+4800mm+1350mm
Overall length 10975mm
Overall width 2496mm
Overall height 3330mm

Cargo body

Internal Size 7800x2300x1800mm
Thickness of body steel Side 6mm & bottom 8mm
Tipping type **Front lift type with hydraulic system (HYVA hydraulic cylinder)**