

DIECI



DUMPER

DP 7000

dieci.com



PERFORMANCE

Vehicle model	DUMPER 7000
Maximum capacity	12000 kg (26455 lb)
Caisson capacity (level)	7 m³ (247 ft³)
Caisson capacity (heap)	7.5 m³ (265 ft³)
Unladen weight	6800 kg (14991 lb)
Max speed (referred to wheels with maximum permitted diameter)	27 km/h (16.8 mph)

ENGINE

Vehicle model	DUMPER 7000
Brand	FPT
Nominal power	93 kW (125 HP)
@rpm	2200 rpm
Peak power	93 kW (125 HP)
@rpm	2200 rpm
Operation	4-stroke
Injection	Mechanical direct
Number and arrangement of cylinders	4, Vertical in line
Displacement	4485 cm³ (274 in³)
Consumption	230 g/kWh (378.35 lb/Hp h)
@rpm	2200 rpm
Emission standards	Stage IIIA/Tier 3
Cooling system	Liquid
Intake	Turbocharger after-cooler
Air filter	Replaceable cartridge for dry filter

TRANSMISSION

Vehicle model	DUMPER 7000
Transmission type	Hydrostatic with variable displacement pump
Hydraulic motor	Hydrostatic with continuous automatic adjustment
Reversal	Electro-Hydraulic
Inching	With hydraulic pedal for controlled forward movement
Gearbox	Servo-controlled 2-speed

DIFFERENTIAL AXLES

Vehicle model	DUMPER 7000
Type of axles	2 steering, with 4 epicycloidal reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	Swinging, self-locking
Service braking	Oil bath with servo brake on front and rear axle
Parking braking	Acting on the front axle

FILLING

Vehicle model	DUMPER 7000
Hydraulic system (total)	100 L (26.42 gal)
Diesel tank	90 l (23.78 gal)

TYRES

Vehicle model	DUMPER 7000
Standard tires	405/70x24"

DIMENSIONS

Vehicle model	DUMPER 7000
A	400 mm (15.7 in)
A1	4610 mm (181.5 in)
B	1215 mm (47.8 in)
C	3445 mm (135.6 in)
D	810 mm (31.9 in)
F	5470 mm (215.4 in)
G	5820 mm (229.1 in)
H	3045 mm (119.9 in)
I	1005 mm (39.6 in)
L	1920 mm (75.6 in)
M	2330 mm (91.7 in)
N1	2400 mm (94.5 in)
P	4055 mm (159.6 in)
Q	6310 mm (248.4 in)
R	6675 mm (262.8 in)
S	2370 mm (93.3 in)
U	2350 mm (92.5 in)
V	2110 mm (83.1 in)



