FOTON

DELTA AUTO

AUMAN EST / 6 × 4

WATER BOWSER

CAPACITY TO KEEP WORK MOVING.



AI-generated illustration. Final supplied configuration may vary.

20,000 L	257 kW	60 m³/h
WATER CAPACITY	CUMMINS ENGINE	PUMPING RATE

POWERTRAIN & CHASSIS

Power for the working day.

Cummins ISGe3-350 power, a 12-speed manual gearbox and a 6 × 4 chassis form the foundation of this 20 m³ water bowser.

10.5 L
ENGINE DISPLACEMENT

1,800 Nm
MAXIMUM TORQUE

RHD
DRIVING POSITION

VEHICLE & ENGINE	
Vehicle model	BJ3259DLPKE-RA
Platform / drive	EST / 6 × 4
Steering position	Right-hand drive
Overall size (L × W × H)	8,600 × 2,545 × 3,500 mm
Wheelbase	4,100 + 1,350 mm
Chassis kerb weight	10,125 kg
Design GVW[1]	55,000 kg
Engine	Cummins ISGe3-350
Displacement	10.5 L
Maximum power	257 kW
Maximum torque	1,800 Nm at 1,000-1,300 rpm
Emissions	Euro III

DRIVELINE & RUNNING GEAR	
Gearbox model	HW19712
Gearbox designation	DACHI 12MT
Clutch type	Pull-type diaphragm spring
Clutch diameter	430 mm
Front axle rating	9 t
Rear axle model	16T/BENZ
Rear axle rating / ratio	16 t / 5.73
Front / rear brakes	Drum / drum
Front / rear leaf springs	9 / 12
Tyres / quantity	12.00R20 20PR / 10 + 1 spare
Frame width, F / R	865 / 865 mm
Frame section	225/320 × 90 × (8 + 7) mm
Steering gear	AM105L-SR
Fuel tank	350 L, aluminium

CUMMINS ISG ENGINE FAMILY

The ISG 10.5-litre engine family is produced by the Foton Cummins joint venture. [2]

[1] Design GVW is reproduced from the supplier sheet; it is not payload or permitted road-going mass.

WATER SYSTEM & DRIVER ENVIRONMENT

One platform. Multiple functions.

Water intake and discharge, front flushing, rear sprinkling and a high-pressure water gun provide a practical range of water-handling functions.

TANK CONSTRUCTION	
Tank capacity	20 m³ / 20,000 L
Tank material	Q235B steel
Shell / head thickness	5 / 5.5 mm
Transverse partitions	3 × 4 mm
Manhole covers	2 × Ø500 mm, Q235B
Internal protection[2]	Industrial-grade anti-corrosion / food-grade antiseptic

PUMPING & DISTRIBUTION	
Pump functions	Intake and discharge
Pump drive	Gearbox power take-off
Pumping rate	60 m³/h
Front flushing	Conical or duckbill type
Rear distribution	Rear sprinkling
Water gun / spray	High-pressure water gun and spray device
Suction pipes	2; length matched to tank

DRIVER COMFORT & CONVENIENCE

EST-2490 cab

Flat roof, 2 seats, electric A/C and spiral-spring cab suspension.

Driver equipment

Air seat, electric windows and central locking.

Daily convenience

Electric cab lifting, MP3 and radio.

[2] Internal protection is reproduced as supplied. Confirm the applicable coating specification for the intended water use.

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Data: supplied FOTON specification. Cover: AI illustration. [2] Cummins annual report (2017). Final equipment is subject to order confirmation.