

TRUCK MOUNTED ROAD WASHER CUM HIGH PRESSURE JETTING MACHINE

CLW5110TYH6



Reference picture

Chassis Parameters



Reference picture

Make and Model: Dongfeng- EQ1110TT3DJ

Parameter	Specification	
Data Parameter	Wheelbase (mm)	3308
	Fuel tank capacity (L)	90
	Drive type	4x2
	Driving Side	RHD
	Color	Standard
	Make	Cummins
	Model	ISDe140-30

Engine	Type	4 Cylinders in Line
	Cooling Method	Water Cooled
	Fuel Type	Diesel
	Displacement	4.5 L
	Rated functional power	103 kW/140HP @2500 rpm
	Torque	395 NM @2500 rpm
	Emission Standard	Euro III
Clutch	Type	Spring push clutch
	Operation method	Hydraulic remote control
Gearbox	Type	Manual
	Model	Wanliyang WLY545
	Number of gears	5 forward + 1 reverse
Frame	Structural type	Trapezoidal riveted structure
	Width (mm)	860
Electrical appliances	Battery (V/AH)	24/165
	Battery (Pcs)	Two
Cab	Model	Dolica 2025
	Type	Flippable
	Number of passengers	2
	Gauges	Equipped with all standard gauge and meter
	Features: - Adjustable front seats and standard interior - Seat belts - Fog lights	

	- Laminated windshield - Wipers - Door and window glass - Cab sun visor - Air conditioning - Air brake - Power steering - Central locking - Electric windows - Radio with mp3 and USB mode - Provision for PTO operation	
Axle	Number of axle	2
Tyre	Size and Quantity	8.25R16, (6+1)
Steering gear	Type	Integral hydraulic power steering
	Steering form	steering wheel
Axle load	Front rated load (kg)	3000
	Rear rated load (kg)	8000
Braking system	Service brake type	Dual circuit air brake
	Service brake booster type	Pneumatic servo assist
	Braking type	Drum
	Parking brake type	Spring brake
Suspension (Front and Rear)	Type	Multi-leaf spring
	Front leaf spring	10
	Rear leaf spring	8+5

Vehicle Parameters



Reference picture

Make and Model: CLW- CLW5110TYH6

Parameter	Specification	
Data Parameter	G.V.W (Kg)	11000 kg
	Maximum speed	90 km/h
	Driving status	Right hand drive
Tank	Tank volume	4000 L
	Material	High quality carbon steel (Q235)
	Thickness	5mm
	Paint	Inside Paint: double coat of epoxy paint Outside Paint: Two coat of enamel paint with zinc based red oxide paint

Features:

- Ideal for street /road cleaning and watering the road side vegetation and plants.
- Ideal for removing obstructions, sand, soluble grease, and other materials from sewer and drains.
- Performs reliably at related maximum temperatures ranging from -5°C to 50°C.

Jetting Pump Parameters



Parameter	Specification
Make	ZHEJIANG BOTUOLINI MACHINERY CO., LTD (BOTUO)
Model	GF36
Pressure (bar)	160
Flow (L/min)	183
Drive system	PTO (can be operated within gearbox)
Jetting Performance	• Can perform both at stationary and driving condition. • Equipped with Jetting circuit featuring pressure relief valve system which helps to accommodate/release the excessive pressure during the operation and safeguard the hose pipe.

Accessories of Pump and Fittings

Parameter	Specification	
High pressure Jetting Hose	Make	CLW
	Model	Model: 19-2
	Hose diameter	19 mm
	Working pressure	25 MPa/3625.94 psi
	Bursting pressure	80 MPa/11603.02 psi
	Length	Total length: 120 m (2 pcs of 60 m each)
	Material	Double wire braided flexible hose
Hose Reel Drum	Installation location	Rear of the vehicle
	Wind and Unwind Drive	Hydraulic motor
Jetting Nozzles	Make	CLW
	Size	3/4 "
	Weight	1 kg
	Features: • High-pressure forward jetting nozzles with sharp, chiseled edges. • Each Jetting nozzle has a hole on each edge and a drill point at the tip. • Designed for excellent penetration of sewer clogs. • Suitable for clearing blockages, drain cleaning, sewer cleaning, penetration of roots, grease, sand, mud and more.	
Lance gun	Hose pipe length	15 m
	Hose pipe inner diameter	½"
	Features: • Comes with adjustable spray. • Ideal for lateral cleaning , cleaning manhole areas inside and outside. • Suitable for servicing vehicles, equipment and containers. • Best for cleaning the road, street and footpath.	
	• Front Road Washer: ✓ Pipe Material: Stainless steel	

Road washing system

- ✓ Equipped with two high-pressure nozzles, positioned at the mid-front section of the chassis in a cross-flow arrangement, for efficient road cleaning.
- **Rear Road Washer:**
 - ✓ Pipe Material: Stainless steel
 - ✓ Equipped with 10 downward-facing nozzles, installed at the rear of the vehicle to thoroughly suppress road dust and clean the surface.
- **Side Road Sprinklers:**
 - ✓ Pipe Material: Stainless steel
 - ✓ Each side of the tanker is fitted with a vertical array of 7 nozzles, located at the rear section, to ensure comprehensive side road cleaning.

Spare Parts: 1 Set of Each Vehicle

S.N.	Name	Quantity	Unit	Reference Picture
1	High pressure jetting pump seal kit	3	Set	
2	60 m long hose pipe (Make: CLW)	2	Pcs	
3	Nozzle (Make: CLW)	1	Pcs	

4	Standard nozzle	3	Pcs	
5	Connector	6	Pcs	
6	Water filter	3	Pcs	
7	Lateral spray gun	3	Pcs	