



# Water Tank Truck with SprayCannon 90 Model WT1500-SC90



**Tank Capacity** : 15,000 Ltr.  
**Engine Power** : 294 kW (400 HP)  
**Drive** : 8x4 RHD  
**GVW** : 41,000 Kg

## MIST SPRAY CANNON

**Throw capacity** : 90m  
**Water flow capacity** : 4,000 l/h

**MB DUSTCONTROL B.V.**

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## TECHNICAL SPECIFICATION

### Specifications for chassis:

Brand	: MAN, GERMANY
Model	: TGS 41.400 8x4 BB-WW
Condition	: New / Unused
Type of vehicle	: Platform truck and chassis with rear overhang extension.
Cab	: M Cab (1 driver, 2 passengers)
Wheelbase	: 4,300 mm (1st to 3rd axle) + 1,400 mm (3rd to 4th axle)
Overhang	: 1,250mm
Steering	: Right Hand Drive
Front-axle load	: 7,500 + 7,500 Kg
Rear axle load	: 13,000 + 13,000 Kg
Perm. gross weight	: 41,000 Kg
Speed	: 85 km/h with speed limiter
Ground clearance	: 300 mm
Turning radius	: 9.1 m

### Engine

Type	: MAN 6-cylinder in-line engine, with common rail, direct injection, turbocharging and intercooling
Power	: 400 hp/294 kW at 1,600-1,800 rpm
Displacement	: 10,518 CC
Torque	: 1,900 Nm at 1,000 - 1,400 rpm
Emission	: EURO2 standard.

### Gearbox

ZF 16 S 253 OD, 16 forward speeds, 2 reverse. Synchronesh, Manual gearbox.

### Clutch

Single disc clutch DTE 430, reinforced.

### Front Axle

MAN VO-09 straight Front springs parabolic 9.5t  
Medium height design, Stabilizer for front axle.

### Rear Axle

Rear springs parabolic 13 t, Fit tandem axles  
Hub-reduction rear axle HPD-1382 / HP-1352  
With differential lock in rear axle  
Rear axle breather upswept  
Stabilizer on both rear axle

### Rimes & Tyres

Rimes	: Disc wheels 10 hole 9.00-22.5 on all wheels
Tyres size	: 315/80R22.5

### Steering:

Power steering, steering wheel with height and inclination adjustment  
Steering wheel lock, Right Hand Drive (RHD)

### Fuel Tanks:

Fuel tank capacity	: 400 Ltr
Lockable tank cap-	one unit, ventilated

### Chassis Frame:

3-part steel bumper  
Cross member for trailer coupling  
Body attachment brackets bolted

### Lights:

Halogen twin headlights for right-hand traffic

\* All specifications of product are engaged in an ongoing research and development program, and reserves the right to change specification without prior notice.





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## TECHNICAL SPECIFICATION

### Brake System:

MAN BrakeMatic (electronic brake system)  
Anti-Lock Braking System (ABS)  
Drum brake for front axle  
Drum brake for rear axle  
Brake connection 2-line  
Parking brake-air brake

### Electrical System:

Two-tone horn, electric  
Two 12-V 155-Ah batteries  
Basic alternator 110A

### Tank:

One compartment tank, Double D section internal anti-sloshing baffles.  
Capacity : 15,000 ltr.  
Material : Heavy duty painted carbon steel sheet 275JR  
Thickness : 5 mm

### Front and Rear Spray Bar:

Sprinklers with flat spraying nozzles mounted on front and rear end of the vehicle for spraying and watering. The bars function separately or together in the same time. The opening and closing of the water supply to the spray nozzles is through electro-pneumatic gate valves controlled from the driver's cab.

### Pumping Unit:

Centrifugal multistage pump with 800 l/min, 1000 l/min, 1200 l/min features.  
Power: 23.4 kW  
The pump is driven by the PTO of the vehicle pneumatically controlled from the driver's cab, through the hydraulic unit.  
Origin of pump: ITALY.

### Spray Gun (Monitor)

Monitor positioned on the top of the tank with access ladder.

The monitor is Electrically operated, and is composed of a flanged body with slewing joint.

Features:

Horizontal water range: 40/45m (approx.)

Rotation: 360 degrees,

Inclination: upward/downward,

Stream: Straight stream

### Mist Spray Cannon:

SprayCannon 90 Dust Suppression Cannon

The tube is manufactured in aluminum and painted steel nozzling with 34 nozzles

Electrical driven horizontal movement  $0^{\circ} \sim 180^{\circ}$

Electrical driven vertical movement  $-10^{\circ} \sim 60^{\circ}$

Multistage 5.5 kW electrical driven HP water pump  
IP56 Rated Stainless Steel Electrical Cabinet.

Technical Details:

Length x Width x Height: 1850 x 1400 x 2300 mm

Weight: 700 kg

Electric: 3x 400 V, 50Hz, 63A

Fan: 18.5kW

Air Flow: 61,800 m<sup>3</sup>/h

Throw capacity: 90m

Water flow: 4,000 l/h

### Generator:

Model: QES40 Atlas Copco Genset

Power: 44 kVA, 38kW, 1500 RPM

Engine: Kubota

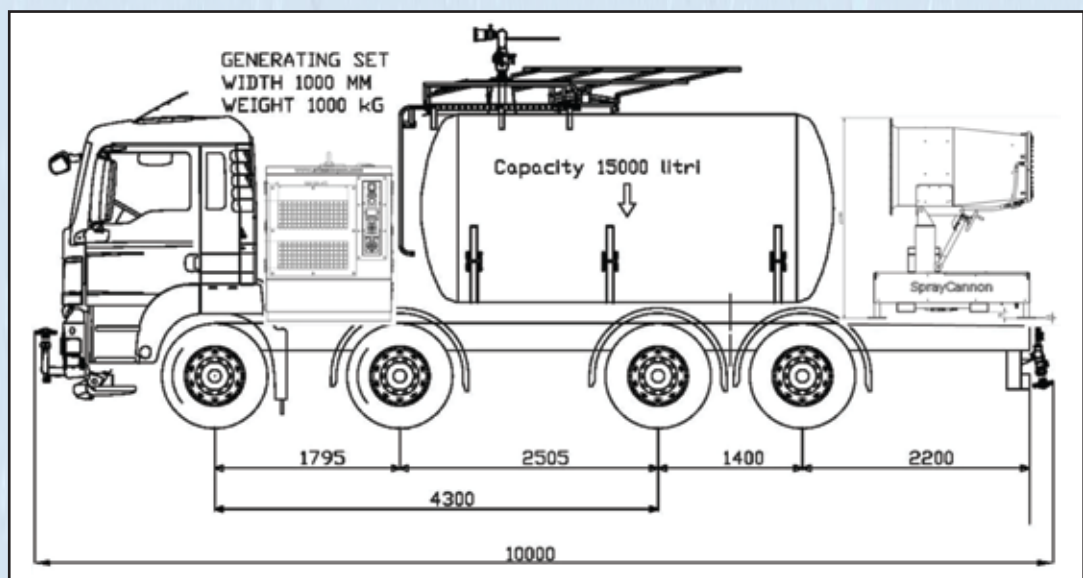
Type: V3800DIT

Emission: EU STAGE IIIA

Alternator: Mecc Alte

Voltage: 230/400V, 63A/32A/16A

### Drawing:



NEW 2020







# Water Tank Truck with SprayCannon 90 Model WT1500-SC90

PICTURE:

Rear  
Spray  
Bar



Front  
Spray  
Bar



Water  
Inlet  
&  
Outlet



Impeller



Pneumatic  
Valve



Hose  
Reel



Front  
Spray



Rear  
Spray



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The Division

