



SPRAYER TANKER

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ITAL MACHINERY

MACCHINA ITALIANA

While providing safe, rapid and high heating performance with an integrated thermal oil heater, Sprayer Tanker guarantees precise, safe and easy spraying applications of bitumen and bitumen emulsions. Thermal oil circulation in the system eliminates the necessity of cleaning the system and prevents clogging, and freezing of materials in spray bars, bitumen pumps, valves and piping system.

MAIN FEATURES

- ◆ **Single person** operation with completely control system from driver's cabin. Possibility to control from rear platform by remote control.
- ◆ **High quality** bitumen pump and valves ensure problem free operation.
- ◆ **Vehicle speed** and pump flow rate can be seen on remote control PLC unit, so amount of sprayed material per square meter is calculated accurately.



MAIN FEATURES

- ◆ **High capacity burners** with digital thermostatic controller provide safe heating on tanker.
- ◆ **Optional:** spraying capacity according to truck speed and spray width can be adjusted by full automatic control system.

GENERAL SPECIFICATIONS

- ◆ **Bitumen tank capacity** 4 000 liters up to 16 000 liters.
- ◆ **High pressure diesel burners** capacity between 14-26 kg/h.
- ◆ **Special sprayer bar** design which makes possible to spray material from 150 g/m² up to 4 kg/m² with superior accurate spraying.



GENERAL SPECIFICATIONS

- ◆ **Easy transportation** with foldable spray bar.
- ◆ **Circulation inside the tank**, from tank to tank, from tank to out and all other needs for pumping, circulation and transfer can be done easily by equipped valves and pipe system.
- ◆ **4-way valve and piping system** ensures equal distribution to both side of the bars for perfect spraying homogeneity.
- ◆ **Capacity adjustable bitumen pump** is driven by hydrostatic motor via PTO connected hydrostatic pump.
- ◆ **Environmental friendly** solution to minimize diesel cleaning through bitumen pump and 4-way valve.
- ◆ **Optional:** PLC controlled proportional hydraulic pump ensures exact capacity adjustment by radar for very accurate speed determination and flowmeter for sprayed material measurement.
- ◆ **Optional:** diesel motor is equipped for driving bitumen pump for vehicles without PTO.

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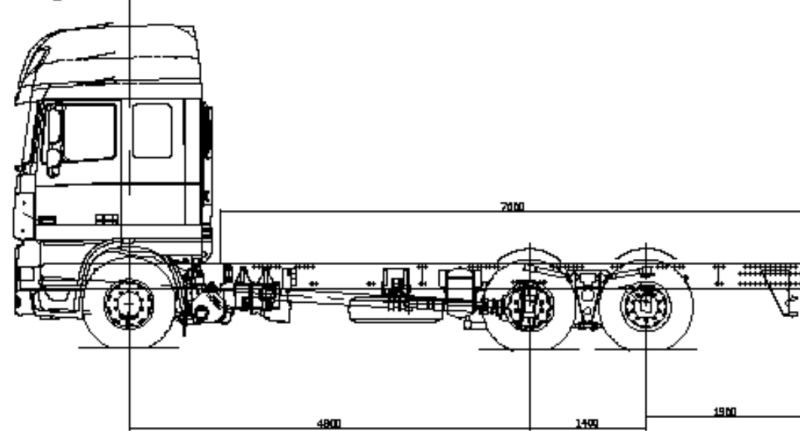
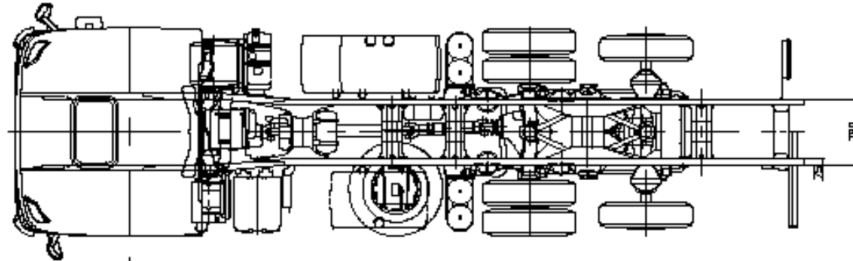
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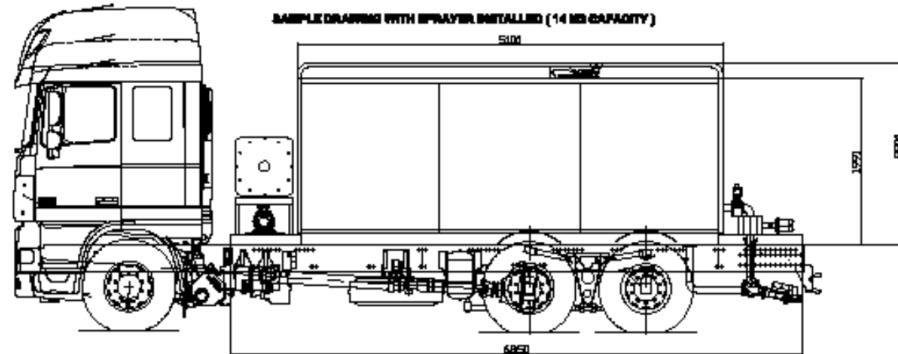


PRODUCT OVERVIEW – FLOW CHART

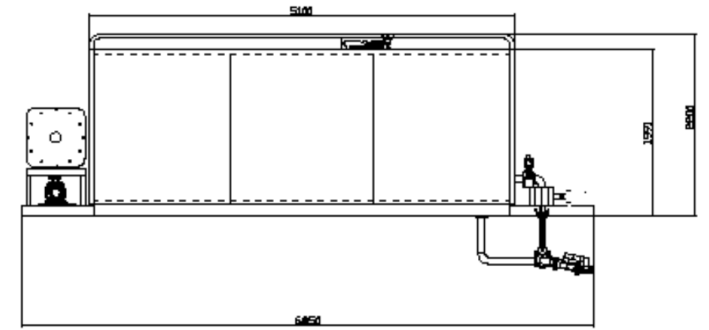
SAMPLE TRUCK DIMENSIONS WITH 80% SWOP BODY



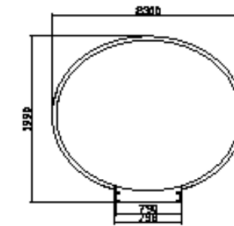
SAMPLE DRAWING WITH SPRAYER INSTALLED (14 MS CAPACITY)



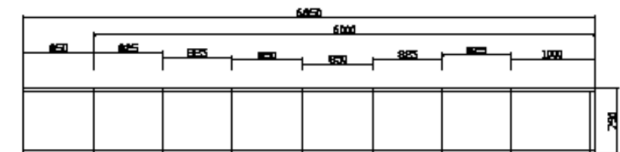
SAMPLE DRAWING FROM RIGHT VIEW (14 MS CAPACITY)



SAMPLE DRAWING FROM REAR VIEW (14 MS CAPACITY)



SAMPLE DRAWING FROM TOP OF SPRAYER CHASSIS (14 MS CAPACITY)



CONTACT US



italmachinery.com.ua



sales@italmachinery.com.ua



+38 (067) 271 61 61

+38 (067) 371 61 61

+38 (067) 801 77 00

+38 (096) 449 32 08



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