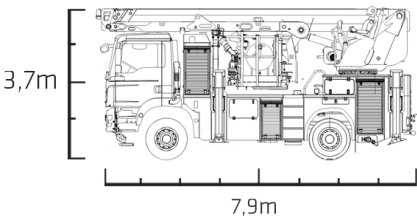




PMT - 25 | 4x4

PARAMETERS OF THE PMT-25 PLATFORM



DIMENSIONS	
[L x W x H]	7,9m x 2,55m x 3,7m
GLM	16,5t
LOAD CAPACITY OF THE CAGE	
4 people	400kg)
RESCUE HEIGHT	
to the floor of the cage	23m
WORKING HEIGHT	
WORK BELOW GROUND	25m 3m
LATERAL REACH FOR 135KG	16,5m
LATERAL REACH FOR 270KG	15,5m
LATERAL REACH FOR 400KG	14,5m
LATERAL REACH WHEN SUPPLYING WATER	14,5m
CHASSIS	
type	MAN TGM 18.290 BB
max. power / max. torque	290KM/1150Nm
transmission	manual
drive	4x4
wheelbase	3900mm
suspension	resor
Systems	ABS, ASR

PMT - 25 | 4x4

PARAMETERS OF THE PMT-25 PLATFORM

PMT-25 access platform is provided with an aluminium rescue cage that can accommodate up to 2 persons and features max. hoisting capacity of 400 kg. Cage is levelled automatically; it has 2 coupling elements to attach safety harness and a foldable platform facilitating entry of any persons being evacuated from a window or balcony. There is a water monitor, operated electrically, in the cage. It also has some extra connections for fire hoses and a system of protective sprinklers generating a protective water curtain under the cage. It is also possible to fit a water monitor remote control system. The monitor featuring output of 2400 l/min, with water jet adjustment (solid/spray), is fed from a "dry pipeline" assembled alongside the booms, with a connection piece located at the vehicle chassis rear part. The cage can be turned within the +/-30o range. Communication between relevant work posts at the column and in the cage can be provided via a wired intercom device.

The cage has 2 hermetic sockets of 230 V installation supplied from the vehicle platform level, evacuation stretches fitting and a holder for fitting of line evacuation apparatuses. Escape chutes or extra lighting can also be fitted. Space for fitting of an internal combustion engine driven power generator has been provided at the turning column.

The access platform has a system of four hydraulic outriggers mounted independently on sliding transversal beams. Depending on the outrigger arrangement, platform working field is being modified. Any operation performed close to the working field limit is visualized on displays mounted at the control posts; audible warning is also sounded. Platform automatic leveling on outriggers system can also be mounted as an extra option.

The vehicle has been provided with a lighting and audible system (flashing lamps, directional lamps, audible signals with operation modes selection) with sound amplification system.

The system allows for outside transmission of voice initiated messages from the driver cabin.

At client's request a mobile radio station can be mounted. Information from the radio can be heard at the column post. A spherical level showing ground inclination has been mounted in the cabin. Lockers for accessories, closed with shutters, have been mounted on the vehicle. All lockers are illuminated. The platform has been provided with an aluminium rescue ladder with automatic step alignment function. Ladder sections are illuminated and steps are protected with anti-slip lining.

The platform is joystick controlled from two posts – one at the turning column and another one in the cage. Control is provided via CanBus system. In relevant control posts LCD screens have been fitted and they display the following information:

- Graphical information about cage location within the current working field characteristic area (height, side reach, boom arms inclination angle and column turning angle);
- Wind speed ;
- Working field graph depending on the outrigger extension degree and on the cage load;
- Electric system supply voltage;
- Warning against cage collision;
- Diagnostic and maintenance information pertaining to platform control systems

Extra graphical information can be provided on the screen upon client's request

Standard PMT-25 outfit comprises also:

- Outrigger support sleepers;
- Anemometer;
- Control posts illumination;
- Cage working field illumination;
- Blue signalling illumination in vehicle front and rear;
- Warning illumination fitted on platform outriggers;
- Outrigger and boom travelling position deficiency signalisation;
- Cage anti-impact blockade – contactless anti-collision system;
- Incorrectly arranged outriggers arrangement blockade;
- Blockade preventing outriggers operation during platform operation;
- Cage overload blockade;
- Going beyond working field blockade;
- Correctness of switches and sensors operation monitoring;
- Platform emergency control via a pump driven by an extra internal combustion engine;
- Palm-operated safety switches at each work post;
- Engine speed control from panels located at the cage control post;
- Outrigger extension audible signalisation;
- Chain backlash blockade;
- Cage automatic levelling;
- Platform movements proportional control;
- Cage floor is made of anti-slip aluminium sheet;
- Vehicle contour lighting;
- Vehicle contour marking;
- Halogen lamps illuminating working field around the rostrum;
- CE mark. Machine elements arrangements is compatible with EN1777 standard.



The parameters mentioned above should be treated as approximate. A detailed specification is prepared on the basis of a user's requirements.