

# EMPL Fire Fighting Technology

Further custom-made special-purpose solutions

Load Handling System



Rescue Pumper



Pumper



Industrial Fire Fighting Vehicle



Industrial Fire-Fighting Vehicle



Command Control Semi-trailer



Load Handling System



Transport- & Logistic Vehicle



Fire Fighting  
Technology  
Pumper for  
industrial application



Customized, individual superstructures!

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# EMPL Fire Fighting Technology

## Industrial Fire Fighting Vehicle



**Pumper for industrial application 3000/3000/500**  
Plant Fire Brigade *Refinery OMV Schwechat*

Chassis: Mercedes Actros 2044 AK 4x4

Tank: 3000 litre water, 3000 litre foam, 500 kg powder

Pump: Normal pressure FPN 10-4000, Nominal output 4000 lit @ 10 bar, Material Aluminium, driven by oil hydraulic system

Foam mixing unit: Pressure admixing system, max. capacity 600 litre foam/min., Adjustable 1% to 6%, Driven by oil hydraulic system, each outlet is separate adjustable, outlets 4 nos. B, 2 nos. A, 1 no. roof monitor

Roof monitor: Output 3000 or 6000 litre/min., adjustable, electric controlled deflector, 2 additional flood lights, remote controlled from driver's cabin

Light mast: Pneumatic erectable light mast, 4 nos. 1000 W halogen flood lights

Rapid intervention: 2 nos. hose reels with 60m non collapsible hose useable for water and foam, 1 no. hose reel with 40m non collapsible hose useable for powder, all hose reels with electric rewinding system

Integrated electric generator: 12 kVA acc. to DIN standard with electric switch board and connections box driven by hydrostat

Hydraulic drive for: Fire fighting pump, foam mixing pump and integrated electric generator are driven by a hydraulic system

Additional features auto eject: Manoeuvre lights, breakaway connection charging system for air and electricity



**Pumper f. ind. app. 6500 (7500)/1000/500/(240)**  
Plant Fire Brigade *EADS Manching*

Chassis: Mercedes Actros 3354 A 6x6, Telligent 2 automatic gearshift system

Tank: 6500 (7500) litre water, 1000 liter foam, 500 kg powder, (240 litre CO<sub>2</sub>)

Pump: Normal pressure FPN 10-6000, Nominal output pressure 6000 litre/min.

Foam mixing unit: Pressure admixing system, max. capacity 150 litre/min., adjustable 0,5% to 6%, driven by electric engine

Compressed -Air-Foam-System (CAFS): MicroCAFS MC 3000, connected to bumper monitor, roof monitor and 2 nos. 75 mm outlets

Roof monitor: Output 2000/4000 litre/min., adjustable, hydrochem powder system on the same monitor with 9 kg/sec., remote from driver's cabin

Bumper monitor: Output 1200 litre/min., special adapted for CAFS, remote

Rapid intervention: 2 nos. hose reels with 50m for water and foam, 2 nos. hose reels with 30m for powder, (1 for CO<sub>2</sub>), electric rewinding system

Self protection system: mounted in front of the front and rear axle

Additional features: Reverse video monitoring system, complete technical rescue, Rotzler frame winch type "Treibmatic TR 30/5" pulling winch with 5 tons constant pull

(technical data to truck 2: Single tires, no winch, no rescue equipment, rescue platform for pilots)



**Pumper f. industrial application 4000/2000/1500/240**  
Plant Fire Brigade *Thyssen Krupp/Münchsmünster*

Chassis: MAN TGA 26.390 6x4BL

Water tank: 4000 lit

Foam tank: 2000 lit

Powder: 1500kg charging unit normal pressure

CO<sub>2</sub>: 240kg

Pump: Pressure admixing system FPN 10-6000 + FPH 40-250, Nominal output normal pressure 6000 litre @ 10 bar, Nominal output high pressure 250 litre @ 40 bar, Material Bronze

Foam mixing unit: Pressure admixing system, max. capacity 300 litre/min., Adjustable 0,5% to 6%, driven by oil hydraulic system

Roof monitor: Output 1000/4000 litre/min., adjustable, powder system on the same monitor with 20kg/sec., pneumatic lifting device for monitor with programmed attack and storage position, remote controlled from driver's cabin type Propomat (joystick is always in the same position like the monitor) and additional cable remote control

Rapid intervention: 1 no. hose reel with 50m non collapsible hose useable for water and foam, 1 no. hose reel with 60m non collapsible hose useable for CO<sub>2</sub>, 2 nos. hose reels with 30m non collapsible hose useable for powder



**Pumper f. industrial application 1000/2500/1000 TLA**  
*Betriebsfeuerwehr Borealis/Schwechat*

Chassis: MAN TGA 26.440 6x4H-2BL Hydrodrive & MAN ComfortShift System

Water tank: 1000 litre

Foam tank: 2500 litre

Powder: 2000 kg high pressure unit

Pump: Normal pressure FPN 10-8000, Nominal output normal pressure 8000 liter/min. @ 10 bar, material Aluminium

Foam mixing unit: FireDos Fd6000, adjustable 0%, 1%, 2%,3%, 4%, 5%, 6% by a switch, max. water flow 6000 litre/min.

Telescopic fire fighting boom: max. length 16m horizontal or vertical, turning radius 385°, useable for water, foam and powder

Monitor on telescopic boom: Output 2000/4000 litre/min., adjustable, hydrochem powder system on the same monitor with 15kg/sec.

Camerasystem: Daylight and infrared camera with wipers mounted on the monitor on the telescopic boom, visible at the pump bay with 2 monitors

Rapid intervention: 1 nos. hose reel with 50m non collapsible hose useable for water and foam, 1 nos. hose reel with 60m non collapsible hose useable for powder, all hose reels with electric rewinding system

Additional features: manoeuvre lights, external power supply connection, a.s.o.



High-tech according to customer request!

