

# FOAM TENDER TYPE I



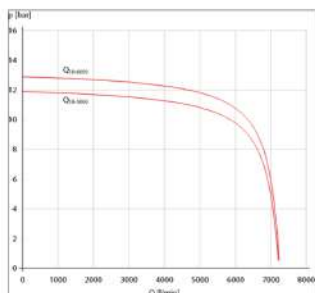
## QUALITY AND COMMITMENT

IS OUR'S CONSISTENCY



WATER PUMP

CREW CAB



6500 lpm @ 10 Bar

CHASSIS



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JAKARTA Phone : (021) 80470068, EMAIL : munjafire@gmail.com, WEBSITE : www.munjafire.com

# Spesifikasi

## Chasis Kendaraan

Optional : KME Corp - Amerika Serikat

## Water Tank & Foam Tank

Capacity : Water Tank : 12.800 Litres  
Foam Tank : 1500 Litres

Construction :

The assembly, manufactured from high grade Glass Reinforced Polyester (GRP) to minimise any corrosion which may be caused when using sea or brackish water, will be fully baffled transversely and longitudinally to minimise the adverse effects of liquid surge when the vehicle of the tank is in motion. Large area apertures included in the baffles, will provide free access to all areas. The tank will be assembled to the chassis frame on heavy duty mountings in accordance with the recommendations of the tank and chassis manufactured to minimise torsional loads which occur during "off road" operations.

Tank to pump outlets will be dimensioned to ensure maximum output with minimal pump cavitations.

One 500 mm manhole is on the top of the foam tank for manual foam filling

## Water Pump

The Kroenborg pump will be a single stage centrifugal unit, complete with an automatic primer supplied from the main water tank, having a bronze casing and impeller, stainless steel shaft running in continuously lubricated bearings. Shaft sealing will be effected by self sealing carbon face seals. The pump will be driven from the transmission mounted power divider / take off via a series of heavy duty balanced drive shaft.

Typical pump output rating approx : 6500 lpm @ 10 Bar

## Dry Powder Unit PWD 500

A control panel containing the pressurization and discharge valves, container change over switch, container operating pressure, purging valve and container dump valve will be located at the left hand side of locker.

Dry Chemical Powder Storage : 500 Kg  
Operating Pressure : 14 Bar Minimum  
Expellant Gas : Nitrogen  
Capacity of Cylinders : 50 Litres  
Filling Pressure : 200 Bar  
Nitrogen Cylinder Stowage : On sliding rack

### DRY CHEMICAL POWDER STORAGE

One lay flat hose will be stowed in a box at the rear side of the vehicle.

Dry Chemical Powder Nozzle : A pistol grip fire fighting nozzle will be connected to the fire hose

Hose Length : 20 m  
Hose Diameter : 25 mm  
Agent : AFFF compatible dry chemical powder  
Output : 2.0 Kg/sec  
Throw Range : Minimum 8 m, no wind

## Roof Monitor

### PERFORMANCE

Output : 5700 Litres/min  
Operating Pressure : 10 Bar  
Reach-Stream : 78 m  
Horizontal Rotation : 358°  
Vertical Travel : +70° & -30°

## Bumper Turret

### PERFORMANCE

Output Full Flow : 1325 Litres/min  
Operating Pressure : 10 Bar  
Range-Stream : 52 m  
Horizontal Travel : 180° with adjustable stops at +/- 90°  
Vertical Travel : 135° (+90° to -45°) with adjustable stops at +45° and -20°

# Control Panel

## Automotive Equipments Control

- \* Speedometer, electronic with trip odometer
- \* Tachometer, electronic with engine hour meter
- \* Pump hour meter
- \* Engine oil pressure gauge in Bar
- \* Transmission oil temperature
- \* Air pressure gauges in Bar
- \* Coolant temperature
- \* Fuel level / Ad-Blue level
- \* Voltmeter
- \* 24 hr clock
- \* High coolant temperature, warning light and alarm
- \* Low pressure brake-air-supply, warning light and alarm
- \* Low engine oil pressure, warning light and alarm
- \* Low coolant level, warning light and alarm
- \* Alternator not charging light
- \* Low Fuel Level
- \* Stop engine and check engine
- \* Differential locks (front locked, rear locked, inter axle locked)
- \* Turn signal, left/right
- \* Hazard, 4-way flasher
- \* Headlight on & main beam light
- \* Parking brake engaged
- \* Battery master switch on

## Main Fire Fighting Control

- \* Water tank to pump valve switch
- \* Foam tank to pump valve switch
- \* Roof monitor valve switch
- \* Bumper turret valve switch
- \* Under truck nozzles switch

## Emergency Secondary System

- \* Water tank to pump valve switch
  - \* Foam tank to pump valve switch
  - \* Roof monitor valve switch
  - \* Bumper turret valve switch
  - \* Under truck nozzles switch
- EMERGENCY 3<sup>RD</sup> SYSTEM
- \* Manually operated valves, key located rear wall cab

## Vehicle Road Lighting

- \* Headlight-with low beam dip left/right + high beam
- \* Sidelight
- \* Stop/tail light with facility incorporated to ensure illumination of brake lights when the parking brake is applied
- \* Directional indicator front, side and rear with hazard warning facility
- \* Reverse light with audible warning automatically activated when reverse gear is selected
- \* Foglight-rear-high intensity
- \* Rear reflectors-red
- \* Fog and driving light-low level-front
- \* Side marker lights with reflector

## Emergency Warning Equipment

- \* Beacon-Emergency Services-colour red or blue
  - \* Strobe light-front panel and roof of cab-colour red or blue
- MISCELLANEOUS ELECTRICAL EQUIPMENT
- \* Cab interior lighting, reading lights and amber dome lights

## Water and Foam System

- The system will comprise of
- \* A water pump
  - \* Foam proportioning system, adjustable from 1% to 6%
  - \* Roof monitor
  - \* Bumper turret
  - \* Water/foam delivery lay flat hose connections
  - \* Under truck protection
  - \* Cab roof nozzles

The above equipment will be suitable for operation with all current concentrates including AFFF

# FOAM TENDER TYPE II



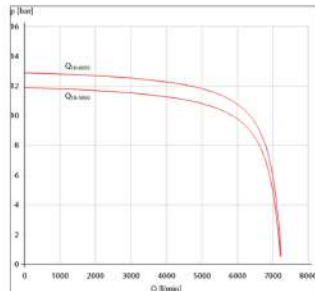
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WATER PUMP

CREW CAB



6500 lpm @ 10 Bar

CHASSIS



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# Spesifikasi

## Chasis Kendaraan

Optional : KME Corp - Amerika Serikat

## Water Tank & Foam Tank

Capacity : Water Tank : 9000 Litres  
Foam Tank : 1200 Litres

Construction :

The assembly, manufactured from high grade Glass Reinforced Polyester (GRP) to minimise any corrosion which may be caused when using sea or brackish water, will be fully baffled transversely and longitudinally to minimise the adverse effects of liquid surge when the vehicle of the tank is in motion. Large area apertures included in the baffles, will provide free access to all areas. The tank will be assembled to the chassis frame on heavy duty mountings in accordance with the recommendations of the tank and chassis manufactured to minimise torsional loads which occur during "off road" operations.

Tank to pump outlets will be dimensioned to ensure maximum output with minimal pump cavitations.

One 500 mm manhole is on the top of the foam tank for manual foam filling

## Water Pump

The Kroenborg pump will be a single stage centrifugal unit, complete with an automatic primer supplied from the main water tank, having a bronze casing and impeller, stainless steel shaft running in continuously lubricated bearings. Shaft sealing will be effected by self sealing carbon face seals. The pump will be driven from the transmission mounted power divider / take off via a series of heavy duty balanced drive shaft.

Typical pump output rating approx : 6500 lpm @ 10 Bar

## Dry Powder Unit PWD 500

A control panel containing the pressurization and discharge valves, container change over switch, container operating pressure, purging valve and container dump valve will be located at the left hand side of locker.

Dry Chemical Powder Storage : 500 Kg  
Operating Pressure : 14 Bar Minimum  
Expellant Gas : Nitrogen  
Capacity of Cylinders : 50 Litres  
Filling Pressure : 200 Bar  
Nitrogen Cylinder Stowage : On sliding rack

### DRY CHEMICAL POWDER STORAGE

One lay flat hose will be stowed in a box at the rear side of the vehicle.

Dry Chemical Powder Nozzle : A pistol grip fire fighting nozzle will be connected to the fire hose

Hose Length : 20 m  
Hose Diameter : 25 mm  
Agent : AFFF compatible dry chemical powder  
Output : 2.0 Kg/sec  
Throw Range : Minimum 8 m, no wind

## Roof Monitor

### PERFORMANCE

Output : 5700 Litres/min  
Operating Pressure : 10 Bar  
Reach-Stream : 78 m  
Horizontal Rotation : 358°  
Vertical Travel : +70° & -30°

## Bumper Turret

### PERFORMANCE

Output Full Flow : 1325 Litres/min  
Operating Pressure : 10 Bar  
Range-Stream : 52 m  
Horizontal Travel : 180° with adjustable stops at +/- 90°  
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# Control Panel

## Automotive Equipments Control

- \* Speedometer, electronic with trip odometer
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- \* Pump hour meter
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- \* 24 hr clock
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- \* Low coolant level, warning light and alarm
- \* Alternator not charging light
- \* Low Fuel Level
- \* Stop engine and check engine
- \* Differential locks (front locked, rear locked, inter axle locked)
- \* Turn signal, left/right
- \* Hazard, 4-way flasher
- \* Headlight on & main beam light
- \* Parking brake engaged
- \* Battery master switch on

## Main Fire Fighting Control

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- EMERGENCY 3<sup>RD</sup> SYSTEM
- \* Manually operated valves, key located rear wall cab

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- \* Sidelight
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- \* Directional indicator front, side and rear with hazard warning facility
- \* Reverse light with audible warning automatically activated when reverse gear is selected
- \* Foglight-rear-high intensity
- \* Rear reflectors-red
- \* Fog and driving light-low level-front
- \* Side marker lights with reflector

## Emergency Warning Equipment

- \* Beacon-Emergency Services-colour red or blue
  - \* Strobe light-front panel and roof of cab-colour red or blue
- MISCELLANEOUS ELECTRICAL EQUIPMENT
- \* Cab interior lighting, reading lights and amber dome lights

## Water and Foam System

The system will comprise of

- \* A water pump
- \* Foam proportioning system, adjustable from 1% to 6%
- \* Roof monitor
- \* Bumper turret
- \* Water/foam delivery lay flat hose connections
- \* Under truck protection
- \* Cab roof nozzles

The above equipment will be suitable for operation with all current concentrates including AFFF

# FOAM TENDER TYPE III



## QUALITY AND COMMITMENT

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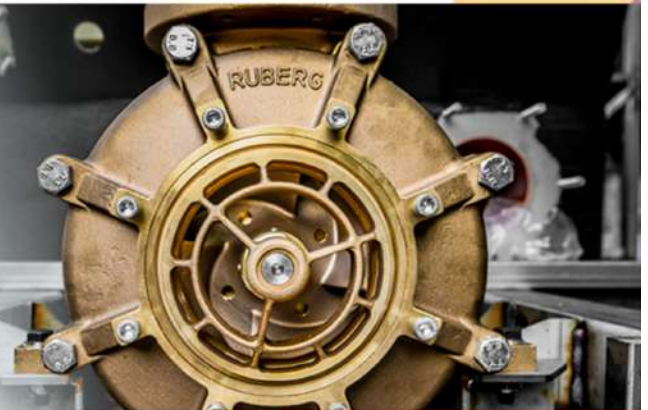


### CHASIS OPTIONAL



SOLID PRODUCTS,  
GOOD QUALITY, GOOD SERVICE

MANY YEARS OF TRADITION



### LOW PRESSURE PUMP



### HIGH PRESSURE PUMP



### CAFS SYSTEM



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# Spesifikasi

# Peralatan & Aksesories

## Chasis Kendaraan

Optional : IVECO, SCANIA, MARCEDES BENZ, MAN, VOLVO

## Tangki Air

Bahan Tangki : Stainless Steel  
Kapasitas : Min. 6000 Liter  
Tangki Dilengkapi : Segmen/sekat vertikal guna mereduksi tekanan Manhole Dia. Min 450 mm, Dilengkapi Overflow Pipe  
Filling Connection : Ball Valve  
Inlet By Hydrant : 2.5" Storz Coupling  
Pump Filling Conn. : Butterfly Valve 4" Locking Storz Coupling  
Tekanan Maks : Mampu menahan tekanan pengisian maksimal dari pompa  
Drain Valve : Ball Valve  
Dilengkapi : Water Tank Level Indicator  
1 Set Alarm Water Empty

## Tangki Foam

Bahan : Stainless Steel  
Kapasitas : Min. 12% Kapasitas Tangki Air  
Tangki Dilengkapi : Segmen/sekat guna mereduksi tekanan Manhole Dia. 300 mm, Dilengkapi Overflow Pipe  
Filling Connection : Ball Valve  
Drain Valve : Ball Valve  
Dilengkapi : Foam Tank Level Indicator  
1 Set Alarm Foam Empty  
Perlengkapan System : 1 Unit Foam Filing Pump, Min. Flow Rate of 100 Lpm  
Dioperasikan dengan tangan 20 VAC dan/atau 24 VDC

## Tangki Dry Chemical Powder

Bahan : Metal Tahan Korosi  
Kapasitas : 250 Kg  
Dilengkapi : Manhole Dia. 200 mm  
Drain Valve : Ball Valve  
Tekanan Operasi : 14 bar  
Perlengkapan System : 2 Unit Tabung Gas Plus Accessories  
Isi Tabung 7-10 m<sup>3</sup> (47-50 L, Tekanan Kerja 150-200 Bar)  
Servis Pressure per tabung min 300 Bar  
Compartemen Tabung Gas N2

## Spesifikasi Unit Pompa

Jumlah Pompa : 1 Unit  
Jenis : Centrifugal Pump, High Pressure, Material Bronze  
Performance : Min 375 L / Min @ 40 Bar  
Min 4.000 L / Min @ 10 Bar  
Pump Drive : Shaft from engine vehicle PTO

## Unit Monitor

### TURRET FOAM dan DCP

Foam Monitor : 1 Unit Foam Filling Pump  
Jenis : Air Aspirating, Min. Medium Type  
Performance : Discharge Rate 3000 L / Min 10 Bar  
Min Discharge Range 70 m (Solid)  
Min Discharge Range 40 m (Spray)  
Slewing Range Elevation : -15 - 70 Degree  
Slewing Range Rotation : ± 270 Degree

### GROUND SWEEP dan UNDER TRUCK NOZZLE

Ground Sweep : 3 Unit  
Performance : Sprinkle Angle 170 Degree ke arah depan  
Flow Rate ≥ 300 L / Min @ 10 Bar

Under Truck Nozzle : 2 Unit  
Performance : Sprinkle Angle 360 Degree  
Flow Rate ≥ 50 L / Min @ 10 Bar

Hose Reel DCP : Min 1 Unit c/w Nozzle  
Hose Reel Foam : 2 Unit c/w (solid and fox), diutamakan G-Force Nozzle

### UNIT HEADLINE

Outlet : Storz Coupling  
Capacity Min 300 L / Min  
Headline Hose : Dia. Hose 2.5" c/w Storz Coupling, 6 Roll  
Panjang per Roll : 6 Meter

## Kelengkapan Operasional

\* 2 Set - Suction Hose (Selang Hisap) Dia. 4" x 4 meter Storz  
\* 1 Set - Strainer 4" Storz Coupling  
\* 1 Set - Bola Pelampung Dia. min 30 cm  
\* 2 Set - Jet and Fox Nozzle 2.5" (diutamakan G-Force)  
\* 4 Set - Breathing Apparatus  
\* 1 Unit - Compressor for Breathing Apparatus  
\* 1 Set - Hydraulic Rescue Cutter and Spreader  
\* 1 Set - Engine Powered Rescue Metal Cutting Saw  
\* 4 Set - Fire Resisting Blanket  
\* 4 Set - Baju Tahan Panas  
\* 4 Set - Baju Tahan Api  
\* 2 Unit - Flashlight  
\* 1 Unit - Bolt Cutter  
\* 2 Unit - Crow Bar  
\* 4 Pcs - Rope  
\* 2 Unit - Ladder  
\* 1 Unit - Hook  
\* 2 Unit - Chocks  
\* 3 Unit - Axe  
\* 2 Pcs - Terpal  
\* 4 Unit - Digital radio  
\* 1 Box - Rescue Tool  
\* 1 Box - Standard Red Cross First Aid  
\* 2 Set - Fan  
\* 4 Unit - Tandu  
\* 1600 Ltr - Liquid Concentrate / AFFF 6%  
\* 500 Kg - Dry Chemical Powder  
\* 4 Tabung - Gas N2 isi tabung 7-10 m<sup>3</sup>  
\* 2 Set - Oxygen Inhaler  
\* 1 Set - Standar Tool Kit kendaraan Lengkap ;  
1 Unit Lift Jack, 12 T per Pair  
1 Unit Kunci Roda  
2 Unit Stand Pengaman



# FOAM TENDER TYPE IV



## QUALITY AND COMMITMENT

IS OUR'S CONSISTENCY



### CHASIS OPTIONAL



IVECO



MARCEDES  
BENZ

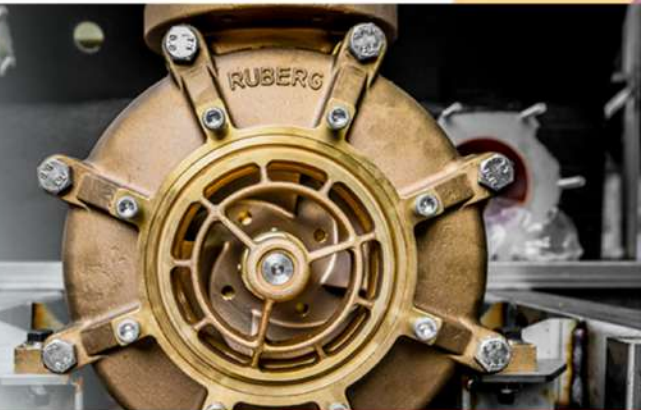


SCANIA



SOLID PRODUCTS,  
GOOD QUALITY, GOOD SERVICE

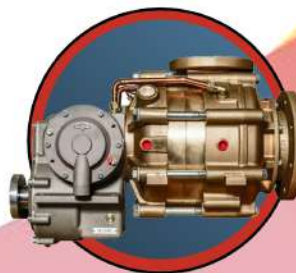
MANY YEARS OF TRADITION



### LOW PRESSURE PUMP



### HIGH PRESSURE PUMP



### CAFS SYSTEM



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# Spesifikasi

# Peralatan & Aksesories

## Chasis Kendaraan

Optional : IVECO, SCANIA, MARCEDES BENZ, MAN, VOLVO

## Tangki Air

Bahan Tangki : Stainless Steel  
Kapasitas : Min. 4000 Liter  
Tangki Dilengkapi : Segmen/sekat vertikal guna mereduksi tekanan Manhole Dia. Min 450 mm, Dilengkapi Overflow Pipe  
Filling Connection : Ball Valve  
Inlet By Hydrant : 2.5" Storz Coupling  
Pump Filling Conn. : Butterfly Valve 4" Locking Storz Coupling  
Tekanan Maks : Mampu menahan tekanan pengisian maksimal dari pompa  
Drain Valve : Ball Valve  
Dilengkapi : Water Tank Level Indicator  
1 Set Alarm Water Empty

## Tangki Foam

Bahan : Stainless Steel  
Kapasitas : Min. 12% Kapasitas Tangki Air  
Tangki Dilengkapi : Segmen/sekat guna mereduksi tekanan Manhole Dia. 300 mm, Dilengkapi Overflow Pipe  
Filling Connection : Ball Valve  
Drain Valve : Ball Valve  
Dilengkapi : Foam Tank Level Indicator  
1 Set Alarm Foam Empty  
Perlengkapan System : 1 Unit Foam Filing Pump, Min. Flow Rate of 100 Lpm  
Dioperasikan dengan tangan 20 VAC dan/atau 24 VDC

## Tangki Dry Chemical Powder

Bahan : Metal Tahan Korosi  
Kapasitas : 250 Kg  
Dilengkapi : Manhole Dia. 200 mm  
Drain Valve : Ball Valve  
Tekanan Operasi : 14 bar  
Perlengkapan System : 2 Unit Tabung Gas Plus Accessories  
Isi Tabung 7-10 m<sup>3</sup> (47-50 L, Tekanan Kerja 150-200 Bar)  
Servis Pressure per tabung min 300 Bar  
Compartemen Tabung Gas N2

## Spesifikasi Unit Pompa

Jumlah Pompa : 1 Unit  
Jenis : Centrifugal Pump, High Pressure, Material Bronze  
Performance : Min 375 L / Min @ 40 Bar  
Min 3.000 L / Min @ 10 Bar  
Pump Drive : Shaft from engine vehicle PTO

## Unit Monitor

### TURRET FOAM dan DCP

Foam Monitor : 1 Unit Foam Filling Pump  
Jenis : Air Aspirating, Min. Medium Type  
Performance : Discharge Rate 2000 L / Min 10 Bar  
Min Discharge Range 60 m (Solid)  
Min Discharge Range 30 m (Solid)  
Slewing Range Elevation : -15 - 70 Degree  
Slewing Range Rotation : ± 270 Degree

### GROUND SWEEP dan UNDER TRUCK NOZZLE

Ground Sweep : 3 Unit  
Performance : Sprinkle Angle 170 Degree ke arah depan  
Flow Rate ≥ 300 L / Min @ 10 Bar

### Under Truck Nozzle

Performance : Sprinkle Angle 360 Degree  
Flow Rate ≥ 50 L / Min @ 10 Bar

### Hose Reel DCP

Hose Reel Foam : 2 Unit c/w (solid and fox), diutamakan G-Force Nozzle

### UNIT HEADLINE

Outlet : Storz Coupling  
Capacity Min 300 L / Min  
Headline Hose : Dia. Hose 2.5" c/w Storz Coupling, 6 Roll  
Panjang per Roll : 6 Meter

## Kelengkapan Operasional

\* 2 Set - Suction Hose (Selang Hisap) Dia. 4" x 4 meter Storz  
\* 1 Set - Strainer 4" Storz Coupling  
\* 1 Set - Bola Pelampung Dia. min 30 cm  
\* 2 Set - Jet and Fox Nozzle 2.5" (diutamakan G-Force)  
\* 4 Set - Breathing Apparatus  
\* 1 Unit - Compressor for Breathing Apparatus  
\* 1 Set - Hydraulic Rescue Cutter and Spreader  
\* 1 Set - Engine Powered Rescue Metal Cutting Saw  
\* 4 Set - Fire Resisting Blanket  
\* 4 Set - Baju Tahan Panas  
\* 4 Set - Baju Tahan Api  
\* 2 Unit - Flashlight  
\* 1 Unit - Bolt Cutter  
\* 2 Unit - Crow Bar  
\* 4 Pcs - Rope  
\* 2 Unit - Ladder  
\* 1 Unit - Hook  
\* 2 Unit - Chocks  
\* 3 Unit - Axe  
\* 2 Pcs - Terpal  
\* 4 Unit - Digital radio  
\* 1 Box - Rescue Tool  
\* 1 Box - Standard Red Cross First Aid  
\* 2 Set - Fan  
\* 4 Unit - Tandu  
\* 1600 Ltr - Liquid Concentrate / AFFF 6%  
\* 500 Kg - Dry Chemical Powder  
\* 4 Tabung - Gas N2 isi tabung 7-10 m<sup>3</sup>  
\* 2 Set - Oxygen Inhaler  
\* 1 Set - Standar Tool Kit kendaraan Lengkap ;  
1 Unit Lift Jack, 12 T per Pair  
1 Unit Kunci Roda  
2 Unit Stand Pengaman





# FOAM TENDER TYPE V



## QUALITY AND COMMITMENT

IS OUR'S CONSISTENCY



WATER PUMP

CREW CAB



2500 lpm @ 10 Bar



CHASSIS



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# Spesifikasi

# Peralatan & Aksesories

## Chasis Kendaraan

Optional : MARCEDES BENZ, IVECO

## Tangki Air

Bahan Tangki Air : Stainless Steel  
Capacity : 2500 Litres  
Tangki dilengkapi : Segmen/sekat guna mereduksi tekanan Manhole Dia. 450 mm, Dilengkapi Overflow Pipe  
Filling Connection : Ball Valve  
Inlet by Hydrant : 2.5" Storz Coupling  
Pump Filing Connection : - Bahan kuningan / Stainless Steel / Aluminium Alloy  
- Butterfly Valve, 4" Locking Storz Coupling  
Max. Tank Pressure : Mampu menahan tekanan pengisian maksimal dari pompa  
Drain Valve : Ball Valve  
Dilengkapi : - Water Tank level  
- 1 set Alarm Water Empty

## Unit Pompa

Jenis : Centrifugal Pump, High Pressure, Material Bronze  
Performance : - Min. 375 L/min @ 40 Bar  
- Min. 2500 L/min @ 10 Bar  
Pump Drive : Shaft from Engine Vehicle PTO  
Suction Inlet : Butterfly Valve with Storz Coupling  
Flushing Connection : Ball Valve  
Priming Pump : - Automatic Operation  
- Rotary pump with Body and Impeller are Bronze  
- Shaft Construction Stainless Steel  
- Operasi dilakukan dari ruang kabin atau panel

## Tangki Foam (Liquid Concentrate)

Kapasitas : Min. 12% kapasitas air  
Bahan : Stainless Steel  
Tangki Dilengkapi : Segmen/sekat-sekat guna mereduksi tekanan Manhole Dia. 300 mm, Dilengkapi Overflow Pipe  
Filling Connection : Ball Valve  
Dilengkapi : Foam Tank Level Indicator  
1 Set Alarm Foam Empty  
Perlengkapan system : 1 Unit Foam Filling Pump  
Min. Flow Rate of 100 lpm  
Dioperasikan dengan tangan 20VAC dan atau 24 VDC

## Tangki Dry Chemical Powder

Bahan : Metal Tahan Korosi  
Kapasitas : 250 Kg  
Dilengkapi : Manhole Dia. Minimal 200 mm  
Drain Valve : Ball Valve  
Tekanan Operasi : 14 Bar  
Perlengkapan Operasi : 2 Unit Tabung Gas N2 Plus Accessories  
Isi tabung 7-10 m<sup>3</sup> (47-50L dengan tekanan kerja 150-200 Bar)  
Service Pressure per tabung min. 300 Bar  
Compartement Tabung Gas N2

## Unit Monitor

Foam Monitor : 1 Unit Foam Filling Pump  
Jenis Monitor : Air Aspirating, Min. Medium Type  
Penempatan : Bagian atas cabin  
Performance : Discharge Rate 1.500 L/min @ 10 Bar  
Min Discharge Range 60 m (Solid)  
Min Discharge Range 40 m (Solid)  
Slewing Range Elevation -15 + 70 Degree  
Slewing Range Rotation ± 270 Degree  
Sistem Operasi : Automatic With Joystick on Cabin  
Handlever Manual on Roof / Manual on Cabin  
Perlengkapan : 1 Set (2 x 70 watt) Halogen Search Light  
Penempatan : Bagian atas cabin berdampingan dengan foam monitor utama  
Performance : Min Discharge Rate 2.3 Kg/dt  
Min Discharge Range 8 meter

## Kelengkapan Operasional

\* 2 Set - Suction Hose Panjang min 4 meter, Dia 4" Storz  
\* 1 Set - Strainer 4" Storz Coupling  
\* 1 Set - Bola Pelampung Dia. min 30 cm  
\* 2 Set - Jet Nozzle dan Fox Nozzle  
\* 4 Set - Breathing Apparatus  
\* 1 Unit - Compressor for Breathing Apparatus  
\* 1 Set - Hydraulic Rescue Cutter & Spreader c/w Tools Power Unit  
\* 1 Set - Engine Powered Rescue Metal Cutting Saw  
\* 2 Set - Fire Resisting Blanket  
\* 4 Set - Baju tahan panas  
\* 2 Set - Baju tahan api  
\* 2 Unit - Flashlight  
\* 1 Unit - Bolt Cutter  
\* 2 Unit - Crowbar  
\* 2 Pcs - Rope  
\* 2 Unit - Ladder  
\* 1 Unit - Hook  
\* 2 Unit - Chocks  
\* 2 Unit - Kampak  
\* 2 Pcs - Terpal (Tarpaulin) Sheet  
\* 4 Unit - Digital Radio  
\* 1 Box - Rescue Tool  
2 Unit Chisel  
Pahat 1 Unit Hammer 1.8 Kg  
Palu 4 Pcs Impact Srew Drivers  
Obeng Pukul 1 Unit Pliers Side Cutting, 17.8 cm  
Tang 1 Unit Ploers Slip Joint, 25 cm  
Kunci Inggris 1 Unit Adjustable Wrench  
Kunci Kombinasi 1 Set kunci ring dan pas ukuran 8 s/d 32 mm  
Pisau Seat Belt 2 Unit Seat Belt Hamess Cutting Toll  
\* 1 Box - Standard Red Cross First Aid  
Sterile bandages 2 Pcs, Sterlie Bandages TNT (96x96x130 cms)  
Adhesive Plaster Roll 2 Pcs, Adhesive Plater Rolls m 5 x 2.5 cm  
Cotton Woll 3 Bottles of Cotton Woll  
Disinfectant 1 Bottle 250 ml  
Hydrogen 1 Bottle 100 ml Hydrogen Peroxide  
Digital Thermometer 1 Pcs Digital Thermometer  
Gunting 1 Pcs Gunting/Scissors  
Tweezers 1 Pcs Tweezers  
Sterite Gloves 3 Pair of Sterite Gloves  
Povidone Iodine 1 Bottle 250 ml, 10% Povidone Iodine  
Antibiotic 1 Tube Antibiotik Cream  
Paracetamol 1 Sheet Paracetamol/Acetaminophen  
Gauze 10 Packs of Gauze  
\* 1 Set - Fan for Ventilating and Cooling c/w Accessories  
\* 2 Unit - Tandu (Stretcher)  
\* 600 Ltr - Liquid Concentrate / AFFF 6%  
\* 500 Kg - Dry Chemical Powder  
\* 4 Tabung- Gas N2 isi Tabung 7-10m<sup>3</sup> (45-50L dengan tekanan kerja 150-200 bar)  
\* 1 Set - Standar Tool Kendaraan