

Unimod



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PRODUCT CATALOGUE



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TLF 3.2-50 on Chassis Iveco Eurocargo MLC



Characteristics of a fire truck

Base chassis

Base chassis	Iveco-AMT Eurocargo MLC150E28WS
Wheel drive	4x4
Engine power, kW (hp) *	205 (279)

General characteristics

Capacity of the water tank, m3 (l)	3,2 (3200)
Tank for foaming agent, m3 (l)	0,24 (240)
Overall dimensions, mm*	8580 x 2550 x 3400
Combat calculation (including driver's seat), people	6
Total weight, not more than, kg *	15 000
Superstructure	aluminum profile
Tank	composite

Pump of fire

Type of fire pump *	NCPN-50/100
Pump capacity, l / s	50

* Depending on the configuration



Water/Foam Tender TLF 5.0-40 on Chassis MAN TGM



Characteristics of a fire truck

Base chassis

Base chassis	TGM 13.240 4x4 BB
Wheel drive	4x4
Engine power, hp *	240
Cabin type	double, 2-row

General characteristics

Capacity of the water tank, m3 (l)	4,0 (4000)
Tank for foaming agent, m3 (l)	0,4 (400)
Overall dimensions, mm*	7 950x 2 500x3 300
Combat calculation (including driver's seat), people	7
Gross weight, kg *	14 100
Superstructure	aluminum profile
Tank	composite

Pump of fire

Make, manufacturer	Ziegler FPN 10-30001HH
Type of fire pump *	Combined, centrifugal
Pump capacity, l / s	40

* Depending on the configuration



TLF 6.0-100 on Chassis KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ 43118
Wheel drive	6x6
Engine power, kW (hp) *	220,65 (300)

General characteristics

Capacity of the water tank, m3 (l)	6,0 (6000)
Tank for foaming agent, m3 (l)	3,6 (360)
Overall dimensions, mm*	8920 x 2550 x 3600
Combat calculation (including driver's seat), people	7
Total weight, not more than, kg *	24 000
Superstructure	aluminum profile
Tank	composite

Pump of fire

Type of fire pump *	NCPN-100/100
Pump capacity, l / s	100

* Depending on the configuration



TLF 6.0-100 on Chassis Iveco Trakker



Characteristics of a fire truck

Base chassis

Base chassis	IVECO-AMT Trakker AD 380T42WH
Wheel drive	6x6
Engine power, hp *	420

General characteristics

Capacity of the water tank, m3 (l)	6,0 (6000)
Tank for foaming agent, m3 (l)	1,0 (1000)
Overall dimensions, mm*	9 200x2 500x3 210
Combat calculation (including driver's seat), people	7
Gross weight, kg *	26 000
Superstructure	aluminum profile
Tank	composite

Pump of fire

Type of fire pump *	NCPN-100 /100M
Pump capacity, l / s	100

* Depending on the configuration



TLF 8.0-40 on Chassis KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ 65115
Wheel drive	6x4
Engine power, kW (hp) *	191(260)

General characteristics

Capacity of the water tank, m3 (l)	8,0 (8000)
Tank for foaming agent, m3 (l)	0,5 (500)
Overall dimensions, mm*	8 900x2 500x3 210
Combat calculation (including driver's seat), people	7
Gross weight, kg *	24 000
Superstructure	aluminum profile
Tank	composite

Pump of fire

Type of fire pump *	NCPN-100/100
Pump capacity, l / s	40

* Depending on the configuration



Foam tender APT 8.0-100 on the chassis of Ural Next



Characteristics of a fire truck

Base chassis

Base chassis	Ural-Next 5557
Wheel drive	6x6
Engine power, kW (hp) *	210(285)

General characteristics:

Capacity of the foam tank, m3 (l)	8,0 (8000)
Overall dimensions, mm*	8 750 x 2 550 x 3 300
Combat calculation (including driver's seat), people	3
Gross weight, kg *	20 100
Superstructure	aluminum profile
Tank	composite

Pump of fire

Pump brand	ESTERI LK-6000 A
Rated output, l / sec	100
Material	Bronze

* Depending on the configuration



Firefighting vehicle of gas – water/foam (reactive engine) AGVT-150



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ 5350
Wheel drive	6x6
Engine power, kW (hp) *	206 (280)

General characteristics

Gas-water mixture productivity, kg / s	150
The amount of water supplied through the nozzles to form a gas-water mixture, l / s	90
Tank capacity for fuel, l	2500
Overall dimensions, mm*	10 000x2 550x3 920
Angles of rotation of the turbojet engine from the longitudinal axis of the car in the horizontal plane, deg	45/45
Angles of rotation of the turbojet engine in the vertical plane, deg	50/15
Combat calculation (including driver's seat), people	7
Gross weight, kg *	26 000
Superstructure	aluminum profile

* Depending on the configuration



Combi Pump-Hose station ANP 133-3400 on the chassis of KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ -43118
Wheel drive	6x6
Engine power, kW (hp) *	206 (280)

General characteristics

Pump drive motor	autonomous engine Deutz (Germany)
Pump model	JOHSTADT NP8000
Pump capacity, l / s	133
Overall dimensions, mm *, not more than	10 980 x 2 550 x 3 380
Combat calculation (including driver's seat), people	3
Gross weight, kg *, not more than	19 900
Superstructure	aluminum profile
Tank	composite

Fire pumping station

Type	JOHSTADT ANP8000
Pump capacity, l / s	133
Drive unit	self-contained engine Deutz
Type of fuel	diesel
Engine power, kW	210

Pressure hoses

Stock of pressure hoses: *	diameter 150 mm, m	2000
	diameter of 77 mm, m	1400

* Depending on the configuration



Combi Pump-Hose station ANR 133-3400 with Robot-hose trans MSR on the chassis of KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ-43118
Wheel drive	6x6
Engine power, kW (hp) *	206 (280)

General characteristics

Pump drive motor	YaMZ-238D
Pump model	NCPN-100/100
Pump capacity, l / s	100
Overall dimensions, mm *, not more than	9 350 x 2 500 x 3 450
Combat calculation (including driver's seat), people	3
Gross weight, kg *, not more than	19 600
Tank	composite
Superstructure	aluminum profile

Pump of fire

Type	NCPN-100/100
Pump capacity, l / s	100

Pressure hoses

Stock of pressure hoses: *	diameter 150 mm, m	2000
	diameter of 77 mm, m	1400

Special equipment

Automatic sleeve cleaning	Robot MSR
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* Depending on the configuration



Firefighting rescue platform WT-37 with foam tank on chassis IVECO Trakker



Characteristics of a fire truck

Base chassis

Base chassis	IVECO-AMT Trakker AD 380T45W
Wheel drive	6x6
Engine power, kW (hp) *	332 (450)

General characteristics

Combat calculation (driver's seat included), people	3
Overall dimensions, mm *, not more than	11 000 x 2 500 x 4 000
Gross weight, kg *, not more than	33 000
Superstructure	aluminum profile

Fire Foam Lift

Stationary Drill Rifle	Remote-controlled hydraulic monitor with attachment device to the end of the boom for supplying foam of low multiplicity
Maximum range of solution supply, m	75
Maximum lifting height of devices for supply of OTW, not less than, m	40,5
Maximum reach not less than, m	24
The installation time for outriggers is no more than, s	55
Carrying capacity when working as a crane is not less than, kg	2 000
Main control panel	Located on the platform of the RFP
Additional control panel	It is possible to be referred to a distance of 50 m from the RFP

Pump of fire

Type of fire pump *	The fire pump of normal pressure NCPN-100/100
Pump capacity, l / s	100

* Depending on the configuration



Firefighting rescue platform WT-40 with foam tank on chassis KamAZ 65224



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ
Wheel drive	6x6
Engine power, kW (hp) *	294,2 (400)

General characteristics

Combat calculation (driver's seat included), people	3
Overall dimensions, mm *, not more than	11 500 x 2 500 x 4 000
Gross weight, kg *, not more than	33 000
Tank for foaming agent, m3 (l)	5,0 (5000)
Superstructure	aluminum profile
Tank	composite

Fire Foam Lift

Stationary Drill Rifle	Remote-controlled hydraulic monitor with attachment device to the end of the boom for supplying foam of low multiplicity
Additionally	On the final section of the boom is installed a fastening unit of fire equipment with the possibility of quick replacement
Maximum range of solution supply, m	75
Maximum lifting height of devices for supply of OTW, not less than, m	40,5
Maximum reach not less than, m	6
The installation time for outriggers is no more than, s	55
Carrying capacity when working as a crane is not less than, kg	2 000
Main control panel	Located on the platform of the RFP
Additional control panel	It is possible to be referred to a distance of 50 m from the RFP

Pump of fire

Type of fire pump *	NCPN-150/100
Pump capacity, l / s	150

* Depending on the configuration



Rescue Platform RP-45 with ladder and cage on chassis Iveco Trakker



Characteristics of a fire truck

Base chassis

Base chassis	IVECO-AMT Trakker AD 380T45W
Wheel drive	6x6
Engine power, kW (hp) *	332 (450)

General characteristics

Combat calculation (driver's seat included), people	3
Tank for foaming agent, m3 (l)	0,5 (500)
Overall dimensions, mm*	11 500 x 2 500 x 4 000
Gross weight, kg *, not more than	30 000
Superstructure	aluminum profile

Fire engine crankshaft

Stationary Drill Rifle	Remote-controlled hydraulic monitor with attachment device to the end of the boom for supplying foam of low multiplicity
Maximum range of solution supply, m	60
Maximum lifting height of devices for supply of OTW, not less than, m	45
Maximum reach not less than, m	26
The installation time for outriggers is no more than, s	55
Carrying capacity when working as a crane is not less than, kg	11 000
Main control panel	Located on the platform of the automatic transmission system
Additional control panel	On the cradle, stationary - it is possible to be referred to a distance of 50 m from the RP

* Depending on the configuration



Rescue Platform AKP-53 with cage on the chassis of KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ 65201
Wheel drive	8x4
Engine power, kW (hp) *	294 (400)

General characteristics

Combat calculation (driver's seat included), people	3
Overall dimensions, mm *, not more than	12 320x 2 500x3 990
Gross weight, kg *	37 000
Superstructure	aluminum profile

Heavy duty crane hoist

Maximum working lifting height, m	3
Angle of rotation of the boom (right and left) with a circular rotation	Is not limited
Maximum take-off below ground level, m	3,7
Maximum lifting capacity of the cradle, kg *	180-450
Maximum reach with maximum working load of 120/280/450 kg in the cradle, m	23,0/22,5/22
Number of sections, pcs	5
Rotating the final knee, pcs	1

* Depending on the configuration



GTLF-18 on chassis Iveco Trakker



Characteristics of a fire truck

Base chassis

Base chassis	IVECO-AMT Trakker AD 380T42WH
Wheel drive	6x6
Engine power, kW (hp) *	420

General characteristics

Capacity of the tank for the foamer, m3 (l)	7,0 (7000)
Overall dimensions, mm*	9 200x2 500x3 600
Combat calculation (including driver's seat), people	3
Gross weight, kg *	28 000
Superstructure	aluminum profile
Tank	composite

Mobile lifting platform

Working boom	with hydraulic extension
Number of retractable sections, pcs *	4
Maximum working radius, m *	10
Maximum lifting height of devices for supply of OTW, not less than, m	18
Angle of the boom, °	-23/ +85
Rotation of the superstructure, °	360
Monolithic barrel on a telescopic boom, pcs *	1
Foam installation based on a battery of four foam generators GPS-600, pcs *	1

Pump of fire

Type of fire pump *	NCPN-100/100M
Pump capacity, l / s	100

* Depending on the configuration



The fire extinguishing station is container type on the chassis of 3 automobile trailers



Characteristics of a fire truck

Biaxial trailer with fire pump (specifications)

Overall dimensions, mm*	5300x2500x2500
Pump drive motor	YMZ 8401
Engine power of the pump, kW (hp)	571 (776)
Fuel tank capacity	700 l
Pump capacity, l / s	300
Material of the fire pump	Bronze
Superstructure	aluminum profile

Two-axle trailer with high-performance hydraulic monitor (characteristics)

Overall dimensions, mm*	5150x2300x1940
Stationary Drill Rifle	ALCO 20000
Foam mixing system	combined blowing agent mixing unit injection type (vacuum pump)
Capacity of the support platform (volume) l	2000
Superstructure	aluminum profile
Tank	composite

Biaxial trailer for storage, transportation and laying of sleeves (characteristics)

Overall dimensions, mm*	5470x2500x2600
Number of fire hoses, m	3000
Functionality	The trailer has the ability to lay 6-arm sleeves on the move at a speed of no more than 10 km
Superstructure	aluminum profile

* Depending on the configuration



Command Unit CU-7 on the chassis of the Ford Transit



Characteristics of a fire truck

Base chassis

Base chassis	Ford Transit
Wheel drive	4x4
Engine power, kW (hp) *	125
Maximum speed, km / h	120

General characteristics

Number of seats in the staff salon, pcs	4
Number of seats in the cabin, pcs	3
Stationary table	1
Retractable roof-shed	1
Table remote, folding «Headquarters» - complete with flagpole and lantern - dimensions, mm: 1000x550x370 + 30	1
Overall dimensions, mm*	5 230x1 974x2 700
Combat calculation, people	5
Gross weight, kg *	3500

Car body

Body type of van	with a high roof
Volume of cargo hold, m / cube	from 8.45 to 10.2
Doors for equipment	rear double-wing swing - 1
Access to the staff compartment *	lateral single-leaf sliding - 1

* Depending on the configuration



Command Unit CU-5 on chassis Mercedes-Benz Sprinter



Characteristics of a fire truck

Base chassis

Base chassis	Mercedes-Benz Sprinter Classic
Wheel drive	4x4
Engine power, hp*	136
Maximum speed, km / h	120

General characteristics

Number of seats in the staff salon, pcs	4+1
Number of seats in the cabin, pcs	3
Stationary table	1
Power Generator	1
Overall dimensions, mm*	6 961x1 933x2 816
Combat calculation, people	7
Gross weight, kg *	3500

Car body

Body type of van	with a high roof
The total area is loaded, m2	7,0
Doors for equipment	rear double-wing swing
Door to the staff compartment *	lateral single-leaf sliding
Surveillance cameras, pcs	2

* Depending on the configuration



Turn Table Ladder TTL-37 on the chassis of KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ 65115
Wheel drive	6x4
Engine power, kW (hp) *	191(260)
Full weight in combat readiness, kg, not more than	21300

General characteristics

Combat calculation (driver's seat included), people	3
Overall dimensions, mm *, not more than	11 000x2 500x3 650
Full weight in combat readiness, kg, not more than	21 300

Stairs

Maximum working lifting height, m	37
The angle of the ladder (degrees)	360°
Maximum cot capacity, person	2
Maximum working load to the top of a non-leaning ladder at maximum reach, kN (kgf), no more than	2,6(260)
The maximum flight of the ladder from the axis of rotation of the lifting and tilting device with the maximum load at the top of the ladder, m	18
Dimensions of the supporting contour, nominal, m	3,8
Mounting time for outriggers, s	45
Number of stair sections, pcs	3
Working range of stairs lifting in a vertical plane, deg	от 10° до + 75°
Lifting capacity of the ladder when used as a crane, t	2,0

Containers for fire extinguishing agents

Capacity of the water tank, m ³ (l)	2,0 (2000)
Tank for foaming agent, m ³ (l)	0,2 (200)

* Depending on the configuration



TTL-18 with water tank on the chassis KamAZ



Characteristics of a fire truck

Base chassis

Base chassis	KamAZ 43118
Wheel drive	6x6
Engine power, kW (hp) *	191(260)

General characteristics

Combat calculation (driver's seat included), people	3
Overall dimensions, mm*	9 800x2 600x3 700
Gross vehicle weight, kg	21 200

Stairs

Maximum working lifting height, m	18
The angle of the ladder (degrees)	360°
Maximum working load at the top of the ladder, kg	160
The maximum flight of the ladder from the axis of rotation of the lifting and tilting device with the maximum load at the top of the ladder, m	12
Width of ladder support contour, m	4
Number of stair sections, pcs	3
Steering boom control	hydraulic control valve with electric control

Containers for fire extinguishing agents

Capacity of the water tank, m3 (l)	3,0 (3000)
Tank for foaming agent, m3 (l)	0,18 (180)

Pump of fire

Type of fire pump *	NCPN-40/100-4/400 (Centrifugal combined fire pump)
Pump power in nominal mode, kW / hp	62,2 (84,6)
Nominal supply of normal / high / pressure pump, l / s	40/4
Nominal head of the pump of normal / high / pressure, m, not less than	100/400

* Depending on the configuration



Water/Foam Tender TLF 3.5-50 on Chassis MAZ



Characteristics of a fire truck

Base chassis

Base chassis	MAZ 5340
Wheel drive	4x2
Engine power, hp *	245
Cabin type	double, 2-row
Full weight in combat readiness, kg	18200

General characteristics

Capacity of the water tank, m3 (l)	3.5 (3500)
Tank for foaming agent, m3 (l)	0.5 (500)
Overall dimensions, mm*	7 560x 2 500x3 550
Combat calculation (including driver's seat), people	7
Gross weight, kg *	14 700
Superstructure	aluminum profile
Tank	composite

Pump of fire

Make, manufacturer	CNPN 50/100 (FPN 10-3000)
Type of fire pump *	centrifugal
Pump capacity, l / s	50

Monitor

Operating pressure	0,6 MPa
Water flow rate	40 l/s

* Depending on the configuration



Fire truck to extinguish forest fires TLF 3.0-40 on Chassis KAMAZ



Characteristics of a fire truck

Base chassis

Base chassis	KAMAZ 43501
Wheel drive	4x4
Engine power, hp *	262

General characteristics

Capacity of the water tank, m3 (l)	3.0 (3000)
Tank for foaming agent, m3 (l)	0.2 (200)
Overall dimensions, mm*	6 970x2500x3 450
Combat calculation (including driver's seat), people	3
Gross weight, kg *	15 000
Superstructure	aluminum profile
Tank	composite

Pump of fire

Make, manufacturer	CNPN 40/100 (FPN 10-3000)
Type of fire pump *	centrifugal
Pump capacity, l / s	40

Monitor

Operating pressure	0,6 MPa
Water flow rate	40 l/s

Optional in the package

Electric winch (pulling force 8 tons, 24V)
Air conditioning
Coil sleeve normal pressure KRND (sleeve length 60m, Dy 32)

* Depending on the configuration

