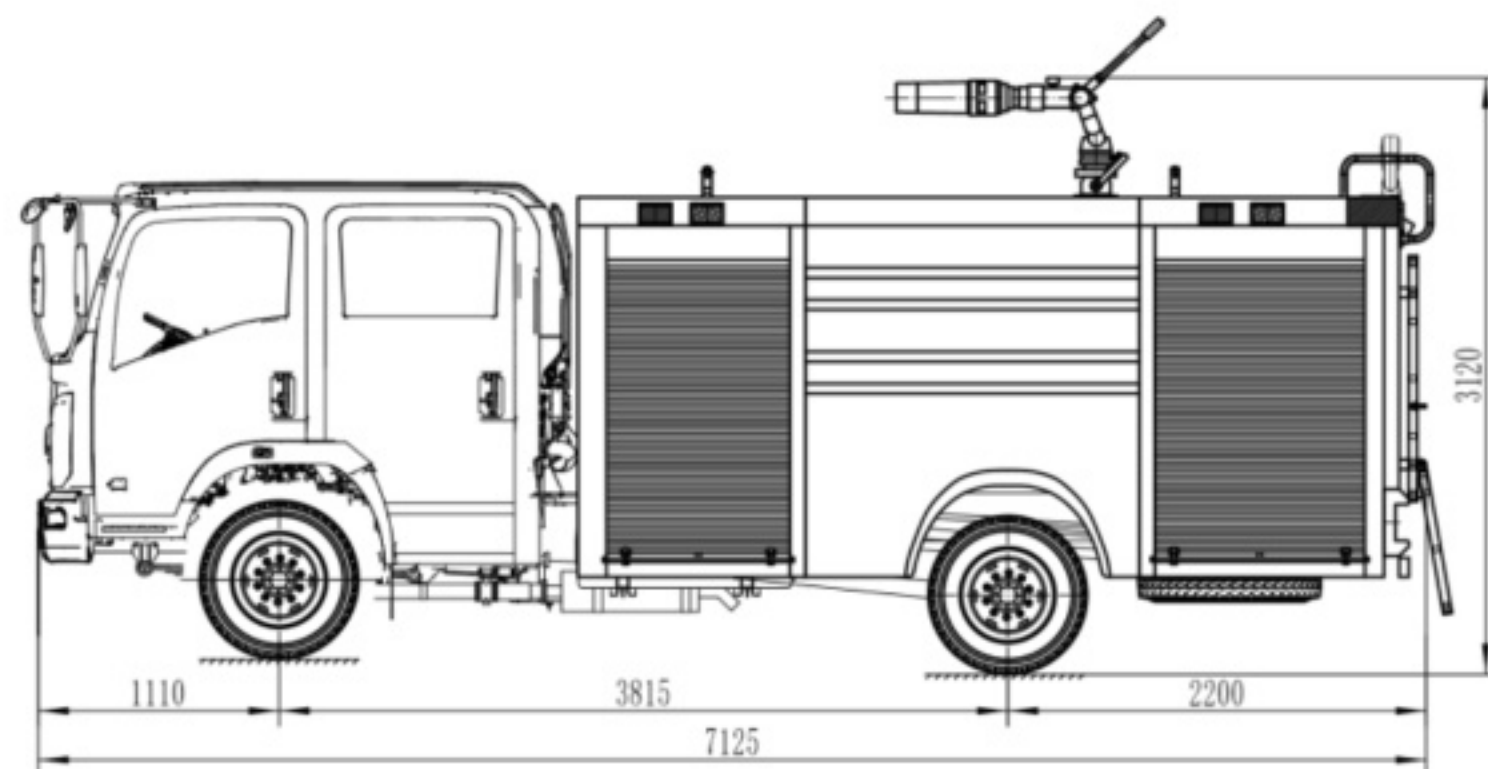




Operation Manual

Fire Truck





ISUZU 3+1CBM Fire Truck Operation Guidance

1. Pull the brake, start the truck engine, waiting the air pressure 6-8Mpa, press the clutch pedal, PRESS IN the **PTO button (Left)** and **THROTTLE button (Right)**, release the clutch panel slowly, means the PTO and THROTTLE is start to make truck working.

PRESS IN
RELEASE

Work Position
Off-Work Position



2. Introduction of the rear Control Panel for operate the Fire Truck function:

- Button 1** Emergency stop button, press to make all working stop when there is an emergency
- Button 2** Throttle switch for acceleration
- Button 3** PTO indicator light, showing PTO is working or not
- Button 4** Main power switch, press this button the make control panel working, then can use other buttons
- Button 5** Push to make vacuum pump working, special used when suction water into the fire truck tanker
- Button 6** Light for outside
- Button 7** Light for toolbox



Vacuum Gauge	Rotator Meter	Pressure Gauge	Water Level Gauge	Foam Level Gauge
-0.1~0.15 Mpa	0~4500 rpm	0~2.5 Mpa	0~3000 Liters	0~1000 Liters

3. Detailed Steps for Operation-----to use for Water Pump In process:

- 1 When PTO is ON and rear Control Panel is working
- 2 Press the **Button 4** to make the rear Control Panel power on for working
- 3 Connect the DN125 pipeline with rear suction joint, make it fasten, the other side of pipeline connect with filter, then put inside river or pool
- 4 ONLY Open the Water Inlet Control Valve as picture showing
- 5 Close the Water Outlet Control Valve as picture showing
- 6 Close all outlet valves at two sides, also top fire monitor
- 7 Close the whole Foam System Valves
- 8 Close the side mounted water tank and foam tank drain outlet valves
- 9 Close the pump drain ball valve, which below the pump at platform
- 10 Open the Vacuum Pump Water Valve, this to suction empty to make water suction into the water tanker under negative pressure
Press the **Button 5**, the vacuum pump start working, checking if the Vacuum Pump Water Valve pipeline have water, when the transparent pipeline full of water, means the suction process succeed, then can turn off the **Button 5**, water will keep suction into tanker by negative pressure, check the screen of water level, when it is full of water, turn off the truck PTO to finish water pump in process.
- 11 Same process for foam suction and jetting process, use foam inlet and outlet valve. Foam tanker can be only add from top mounted manhole.
- 13 Also can use fire hydrant for water inside of tanker, or from top manhole



Water Inlet Control Valve:
PULL OUT: Valve open
PUSH IN: Valve closed

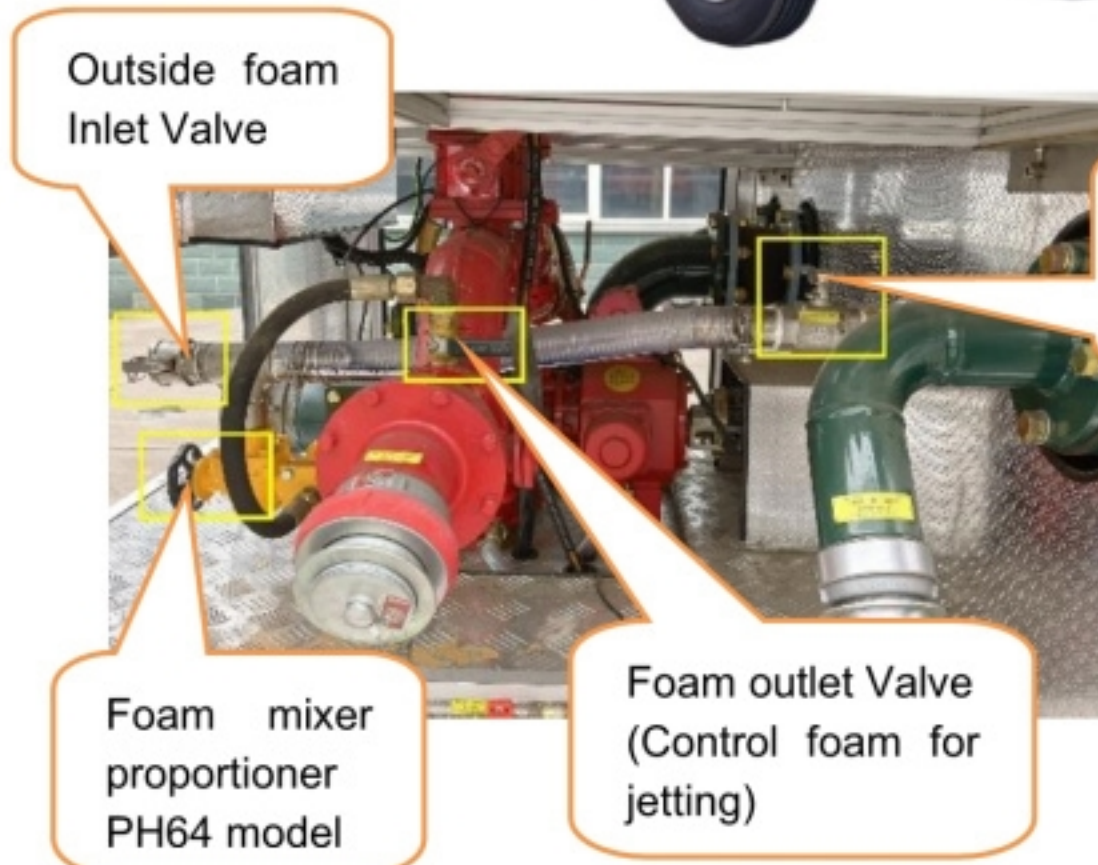
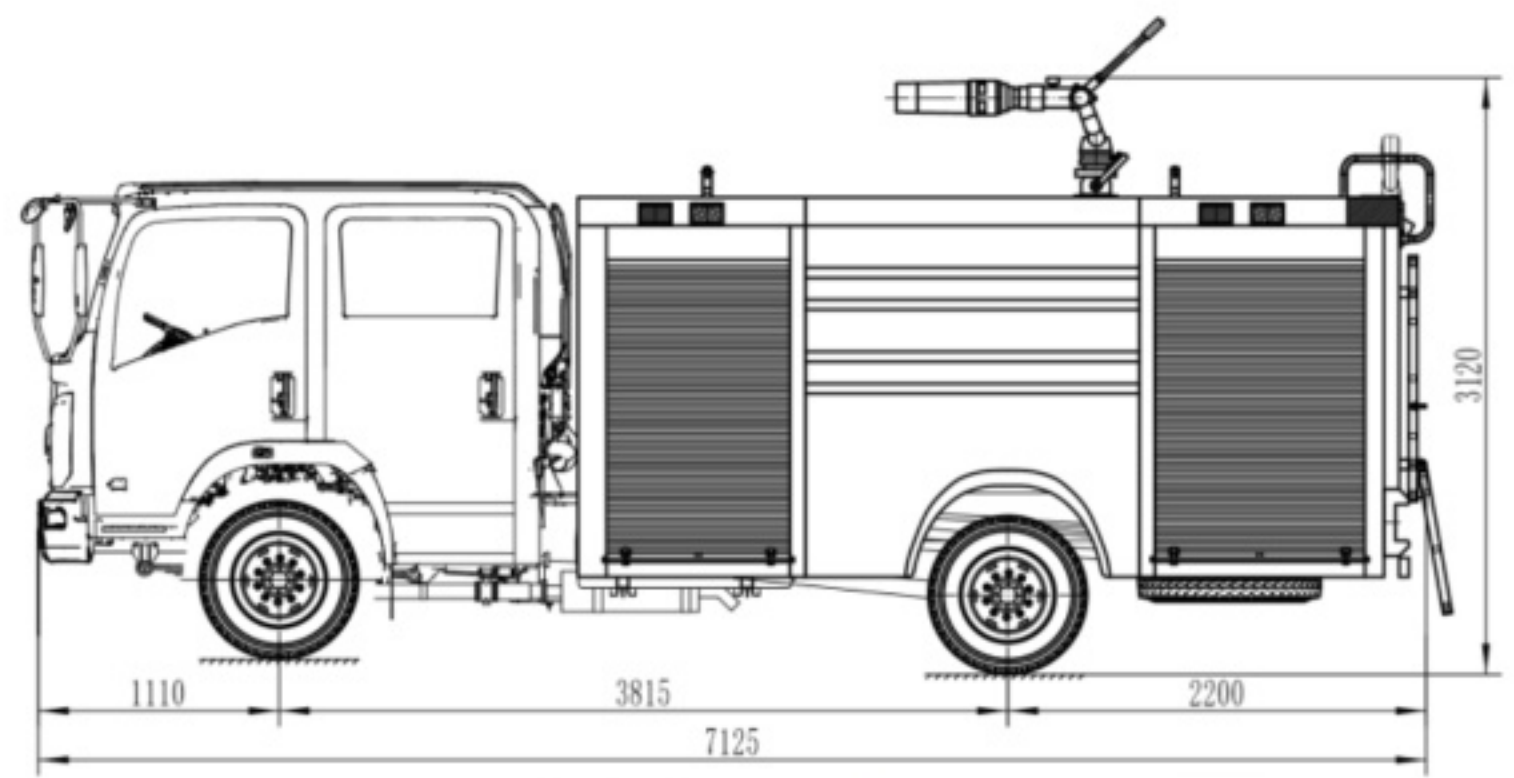


Water Outlet Control Valve:
HORIZONTAL: Valve open
VERTICAL: Valve closed



Vacuum Pump Water Valve:
(Matched Transparent Pipe)
HORIZONTAL: Valve closed
VERTICAL: Valve open

POWERSTAR TRUCKS
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Foam Inlet Valve
(Control foam fire tank for jetting)

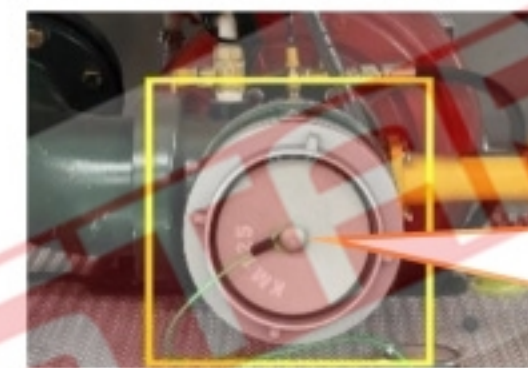
Passenger Side:
Foam Tank Drain
Outlet Valve



Driver side:
Water Tank Drain
Outlet Valve

4. Detailed Steps for Operation-----to use for Water & Foam Pump Out process:

- 1 When PTO is ON and rear Control Panel is working
- 2 Press the **Button 4** to make the rear Control Panel power on for working
- 3 Carefully checking the Control Panel, if the Water Level Gauge full of water and Foam Level Gauge full of foam, or at least with liquid inside
- 4 Close the Water Inlet Joint as picture showing
- 5 Close the Water Inlet Control Valve as picture showing
- 6 Close the Pump Drain Ball Valve, which below the pump at platform
- 7 **1). Only jetting with water**
2). Open the whole Foam System Valves, which can make fire truck working with water and foam, adjust the PH64 Foam Proportioner to choose the scale
Turn on the Fire Monitor control valve, used for water & foam jetting
- 8 Valve UP Position: Fire Monitor is OFF
Valve DOWN Position: Fire Monitor is ON
- 9 Close the side mounted water tank and foam tank drain outlet valves
- 10 Optional to Turn on the 2 sets Outlet valve, and connect with pipelines for water / foam jetting, 2 valves can be control separately
- 11 **Adjust Button 2 can make acceleration on for faster and higher jetting**
- 12 When Water Level Gauge and Foam Level Gauge is reach to bottom, turn off the Button 4
- 13 **Press the clutch panel, turn off the PTO button, indicator light off, then stop the truck engine**
- 14 Turn off the Water Outlet Control Valve
- 15 Turn on the Pump Drain Ball Valve, to discharge all water inside fire pump, especially in winter to avoid frozen problem
- 16 Turn on the Water Tank Drain Outlet Valve and Foam Tank Drain Outlet Valve, to discharge all water and foam from the tanker
- 17 Turn on/off the fire monitor control valve UP and DOWN 2-3 time, which can make sure no stock inside, then reset the Fire Monitor position to make it suitable for driving



Water Inlet Joint:
Close this joint and make it cover tightly



UP Position: OFF



DOWN Position: ON



Pump Drain Ball Valve:
To discharge all water inside the fire pump

Press this button immediately when there is an emergency

Parada de emergencia
Emergency stop

5. Always checking the firefighting equipment, make all equipment reposition and ready for next working

6. 24 hours technical support: 0086 155 7227 0555

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