

Portable high-pressure fire response

Petro Fire is a portable fire-suppression unit designed to deliver high-pressure water or foam for firefighting. It is manufactured by Petropedam.

The unit can disperse water or foam into a fine spray. This can help cover a wider area while using a smaller volume of water or foam, depending on the nozzle and operating conditions.

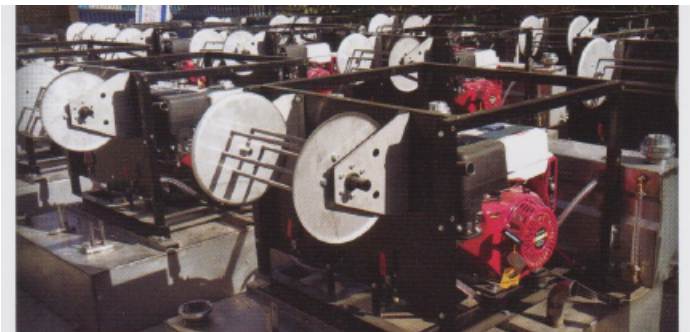


PU 300 and PWT 300

Published figures reproduced from the supplied Persian catalogue. Confirm the selected configuration and its tested performance before quoting.

Specification	PU 300	PWT 300
Pressure (bar)	80-110	80-300
Water flow (L/h)	1,800-2,000	1,800-2,000
Water/foam reach (m)	18-20	18-20
Engine power (hp)	14	13-14
Engine fuel	Gasoline	Gasoline
Fuel tank (L)	6	6
Fuel consumption (L/h)	3	3
Water tank (L)	300	0
Foam tank 1 (L)	300	0
Foam tank 2 (L)	30	0
Hose length (m)	40	25

Source note: the original feature text separately mentions 180-200 bar. This differs from the pressure ranges in the specification table; the figures need confirmation against the current datasheet.



Petro Fire PU-300

Portable gasoline-engine unit with a hose reel and high-pressure pump. Configurations and accessories vary by project.



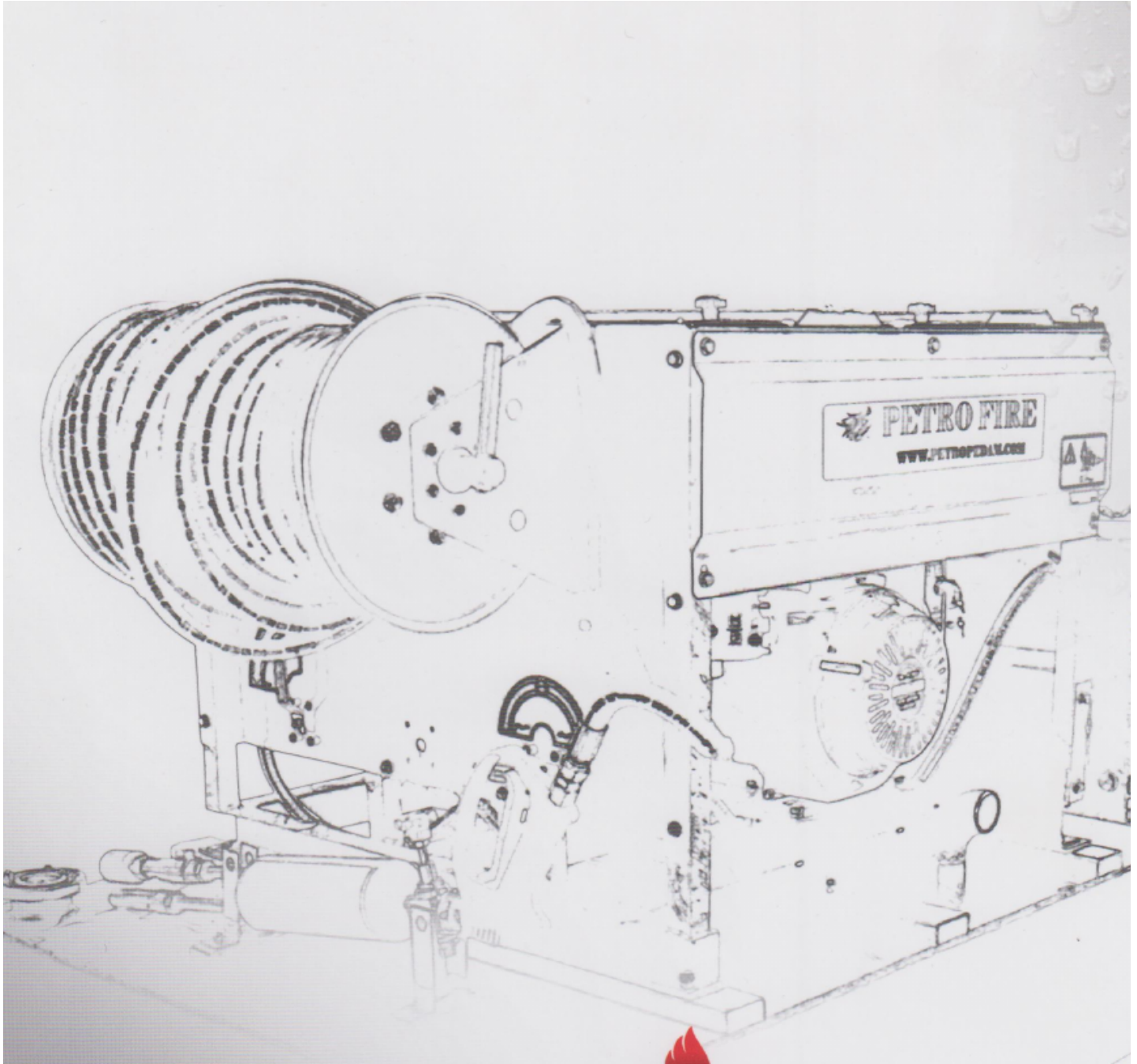
Configuration and operating features

- For Class A and B fire scenarios, the unit may use water and foam together or separately, atomized through its nozzle. Application suitability depends on the extinguishing agent and the specific fire.
- The PU 300 water tank is made from corrosion-resistant sheet metal; the catalogue describes it as suitable for seawater or brackish water. The PWT 300 is supplied without water and foam tanks.
- The frame is designed for repeated firefighting duty. Water can be supplied from a stationary tank, a fire hydrant, or the unit's own tank, according to the installation.
- Tank-equipped configurations have water and foam storage. The catalogue describes a connection between the tanks, a hose reel, and a collector compartment; confirm the actual plumbing on the selected unit.
- A four-stroke gasoline engine is specified. The original catalogue states 3,600 rpm and direct coupling through a reduction gearbox to the high-pressure pump.
- The text describes finely atomized water/foam at 180-200 bar and also quotes approximately 900 L/h; these figures require verification because they do not match every value in the specification table.
- The catalogue dates the design to 2015 and says the unit is manufactured at Petropedam's facility in Iran.
- Original after-sales statement: parts and repairs for up to 10 years; original warranty statement: 18 months from sale. Verify current commercial terms before publication.



Hose reel and pump arrangement

Illustrative outline based on the original Petropedam catalogue. The delivered skid and tank arrangement must be verified for each order.



Specify your fire-response duty

For a technical proposal, provide the required flow and pressure, water supply, foam requirements, hose length, engine configuration and intended installation.



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Product performance, conformity and warranty must be confirmed in the current approved documentation.