

High pressure kits and motor pumps

ENG



TOPICS

- DIAPHRAGM AND PISTON PUMPS
- PATENTED FOAM MIXING SYSTEM

- 4-JET HIGH PRESSURE GUN
- DIESEL AND PETROL ENGINES

- LIGHTWEIGHT AND RESISTANT GRP TANKS

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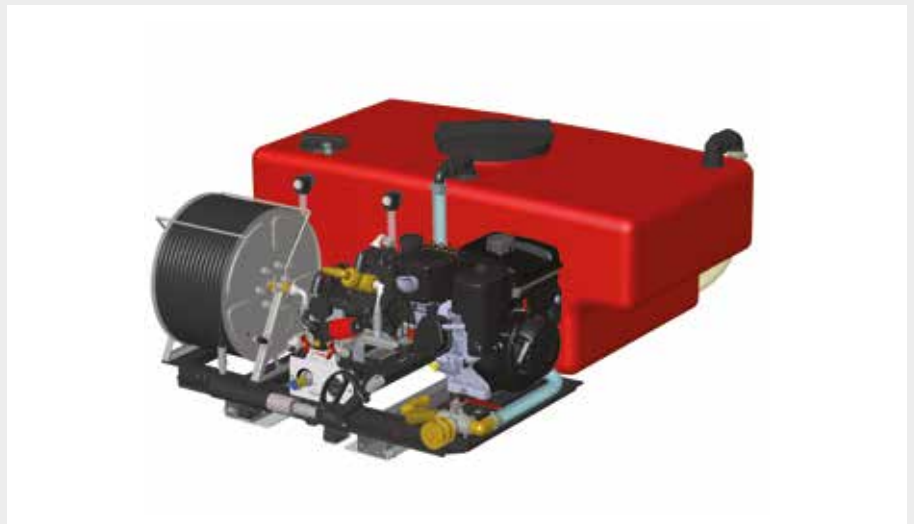
Fireco is also a worldwide leader in the manufacturing of high pressure kits and motor pumps. There are more than 120 different models and the customer can decide between petrol or diesel engines with different HP, tanks made in GRP, Stainless Steel or reinforced Kevlar, "T", "L", "cube" or special for "ATV" shaped, different hoses and accessories.

Fireco offers a patented FHP foam mixing system which allows a mixing of foam and filming agents with proportioning of 0.1-6%, independent of the circuit load. It is possible to use the proportioning system with hose length up to 200m and with any type of hose. For further information please visit our web site or request the catalogue.

FIRECO'S FIRE-FIGHTING KITS

Fireco produces fire-fighting kits equipped with pumps ("diaphragm pump" or "piston pump") which are fueled primarily by internal combustion engines.

With a wide range of pumps to choose from, combined with various models of tanks, Fireco is able to produce and deliver, a large range of kits. Moreover, Fireco is able to satisfy requests for special kits.





MOTORPUMP

The models of motor pumps most commonly used by Fireco are:

DIAPHRAGM	CODE	ENGINE	PUMP (lpm/bar)
	01B	10 Hp petrol	50/40
	02B	14 Hp petrol	70/40
	03B	14 Hp petrol	80/40
	04B	18 Hp petrol	100/50
	05B	10 Hp petrol	135/20

DIAPHRAGM	CODE	ENGINE	PUMP (lpm/bar)
	01D	10 Hp petrol	50/40
	02D	14 Hp petrol	70/40
	03D	14 Hp petrol	80/40
	04D	18 Hp petrol	100/50
	05D	10 Hp petrol	135/20

PISTONS	CODE	ENGINE	PUMP (lpm/bar)
	50B	14 Hp petrol	42/100
	51B	18 Hp petrol	42/150
	52B	18 Hp petrol	34/170
	55B	18 Hp petrol	21/250

PISTONS	CODE	ENGINE	PUMP (lpm/bar)
	50D	15 Hp diesel	42/100
	51D	19 Hp diesel	42/150
	52D	19 Hp diesel	34/170
	55D	19 Hp diesel	21/250



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TANK RANGE

The main advantage of Fireco's fire-fighting high pressure kits is the tank which is made of fiberglass (GRP). The main advantages of these tanks are:

1. Lightweight
2. Resistance
3. Product / price ratio
4. Monolithic tanks (tank becomes a single body)
5. Made using self-extinguishing materials
6. 5 year warranty

GRP	SHAPE	L	T	C	ATV
	CAPACITY	350	350	100	100
		400	400	200	200
		500	450	600	300
		600	500	1000	
		800	550	1250	
			600	1500	
				2000	
				2500	

In addition to the GRP tanks, Fireco can equip the fire-fighting kits with stainless steel tanks, fully customizable in shape and in connections. The standards are listed below, but stainless steel tanks can be made customized (AISI 304 or AISI 316):

STAINLESS STEEL	SHAPE	L	T	C
	CAPACITY	350	350	1000
		400	400	
		500	450	
		600	500	
			550	
		600		

Fireco also offers Kevlar/carbon tanks that are self-supporting so they do not require external frames and therefore are even lighter than the GRP tanks. These models are available in L shape with capacities of 350, 400, 500 and 600 lt.



FHP SYSTEM

Over the years, Fireco has developed the patented FHP foam mixing system which allows mixing foams (or other filming agents, depending on the use) with different mixing percentages, depending on which foam is used, independently by the circuit load (defined by the flow and pressure values inside the circuit). This system can overcome the problems of typical Venturi mixing systems, like the length of the hose: the FHP system allows the operator to obtain the best performances even with 200 m of hose, while maintaining the correct mixing percentage between water and foam.

A special nozzle, able to operate either with water or with water/foam, allows the correct mixture delivery.

An optional proportional viewer is available which allows the operator to see the foam mixing percentage while using the FHP system (the values shown varies depending by the foam type used).



GALLERY FOR

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