



MULTIBOX MULTIBOX HT


Static cold water multi-pump high pressure washer designed to become part of the manufacturing process of each company.

Multiservice is available in several versions :

HT models for hot water feed up to 85°C;

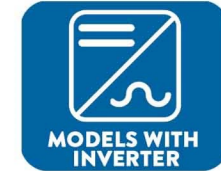
Models with stainless steel manifold for food industries;

Models equipped with an electronic device that starts and stop each motor pump unit with equal operating time;

Models with inverter for a flexible and balanced distribution of the water flow. 



MULTIBOX 1P 30.200 INVERTER



Sturdy and professional: • Painted steel structure and stainless steel panels • Three ceramic pistons pumps • 1450 rpm, heavy-duty electric motors • Motor-pump elastic couplings • Pressure regulator • Safety valve • Hydraulic vibrations dampener • Stainless steel built-in water tank whose capacity is adjusted depending on the water flow of each model • Water filter on each pump.

Stainless steel IP54 electric box, complete with: • PCB • Electronic device that starts and stops each motor pump unit with equal operating time (on models

without inverter) • ON/OFF switches • Emergency stop button • Power on indicator • Display for functions control (on 2 motor-pump models).

All functions monitoring and advanced safety systems: • hour meter for each motor-pump unit • monitoring of which motor-pump units are operating (for 2 motor-pump models) • Stop of each motor-pump units for excess of Amperes in the electric motor • Unit stop for: micro-leaks on • lack of water • water overheating in the tank • overpressure in high-pressure circuit.

Automatic start and motor-pump units stop in sequence adjusted accordingly with the number of users that operate simultaneously (for the models without inverter).

HOT WATER FEED UP 85°C

Multibox HT is equipped with pumps that are specific for hot water and of a safety system that controls the water temperature inside the tank.

On request, it is possible to regulate the water supply by means of an electromechanical valve and add a mixer to adjust the temperature of the incoming water.

MULTIBOX INVERTER

The inverter is an electronic device that regulates the speed of electric motors and keeps on constant values the demanded pressure and delivery.

Each start of the unit and revolutions variation is gradual to prevent water hammer both in the high-pressure unit and in the whole water circuit.

Energy consumption is intensely reduced: the electric motors don't constantly demand full power absorption but only the power needed for the specific setting the inverter has determined according to water flow demand.

The electric motors are equipped with supplementary fans that keep constant ventilation even at low motor revolutions; this allows perfect cooling.

An additional fan is positioned on the front panel to extract the hot air generated by the motors and the inverter from the inside of the unit.

CUSTOMIZED VERSIONS FOR MANY APPLICATIONS

Cleaning applications are very varied and each company has its particular needs, not always corresponding to standard models.

Sirmac studies and designs, on demand, special units for every application.



	PUMPS	USERS	PRESSURE	DELIVERY	MOTOR POWER	POWER SUPPLY	DIMENSIONS
	n°	n°	bar	L/min	HP rpm	kW phase	cm
MULTIBOX 18.160 2P MLTB2P18.160/2	2	2	160	18 (x2)	8,5 (x2) 1450	15 3ph	97x69x99h
MULTIBOX 15.200 2P MLTB2P15.200/2	2	2	200	15 (x2)	8,5 (x2) 1450	15 3ph	97x69x99h
MULTIBOX 21.150 2P MLTB2P21.150/2	2	2	150	21 (x2)	10 (x2) 1450	17,7 3ph	97x69x99h
MULTIBOX 38.200 INVERTER MLTB1P38.200INV	1	several	200	38	20 1450	17,7 3ph	97x69x99h
MULTIBOX 50.150 INVERTER MLTB1P50.150INV	1	several	150	50	20 1450	17,7 3ph	97x69x99h
MULTIBOX HT 18.160 2P MLTB2P18.160/2HT	2	2	160	18 (x2)	8,5 (x2) 1450	15 3ph	97x69x99h
MULTIBOX HT 15.200 2P MLTB2P15.200/2HT	2	2	200	15 (x2)	8,5 (x2) 1450	15 3ph	97x69x99h
MULTIBOX HT 21.150 2P MLTB2P21.150/2HT	2	2	150	21 (x2)	10 (x2) 1450	17,7 3ph	97x69x99h
MULTIBOX HT 38.200 INVERTER MLTB1P38.200INVHT	1	several	200	38	20 1450	17,7 3ph	97x69x99h
MULTIBOX HT 50.150 INVERTER MLTB1P50.150INVHT	1	several	150	50	20 1450	17,7 3ph	97x69x99h

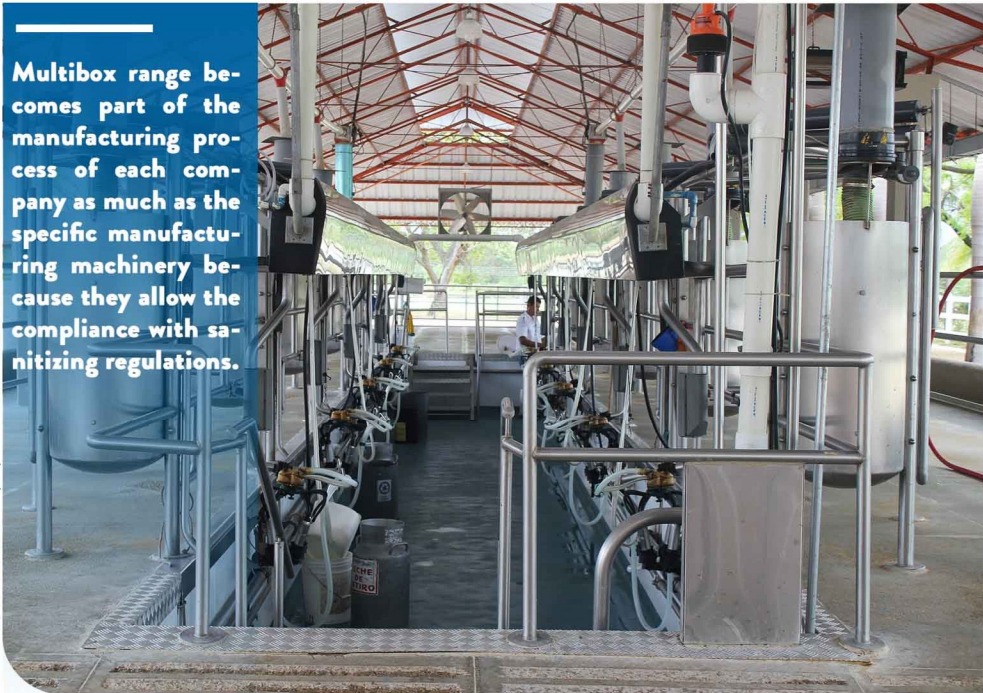
ON DEMAND: • Full stainless steel bodywork. • Remote control. • Antifreeze heater with 220V electric fan. • Water mixer for HT version. • Accessories.



SOME AREAS OF APPLICATION:

• Food industries • fruit and vegetable indoor markets • Live-factories • Meat processing and distribution • Poultry and pig farming for breeding areas cleaning and sanitation • Milking systems • Egg farmers • Food stocking companies • Wine companies • Barrels and tanks washing, even combined with rotating heads • Fish processing and distribution industries • Food halls and

• cleaning and sanitation of delivery, lactation and breeding rooms • Washing of operations rooms and packing and wrapping mobile lines • Convenience and deli food production. • Mechanical industries for washing at the end of the production cycle.



Multibox range becomes part of the manufacturing process of each company as much as the specific manufacturing machinery because they allow the compliance with sanitizing regulations.