




ACQUA E FUOCO

Mobile hot water cleaners for professional and industrial use.

Increased productivity for the removal of stubborn dirt, encrusted, oily and greasy stains thanks to the hot water that dissolves the dirt more quickly, optimising working times and reducing the use of detergents. 



POWERFUL EASY TO HANDLE
ERGONOMIC



Sturdy, shock-resistant and compact: • Structure composed by a tubular frame and thick folded sheets mounted on 2 fixed wheels and 2 swivel wheels for a great manoeuvrability • Thick stainless steel front and top covers, removable for efficient and immediate routine maintenance • 3-ceramic-piston pump • 1450 rpm electric motor, continuous duty S1 • Motor-pump coupling by double flange and elastic coupling • Pressure regulating valve • Safety valve • Very sturdy and high-capacity integrated ro-

moulded tanks • Dosing pump for anti-limestone product controlled by the electronic board • Water filter • Fuel filtration system with 3 filters.

Simple and intuitive 24V dashboard, complete with: • Pump on/off switch • Burner on/off switch • Voltage on indicator • Pump on indicator light • Boiler ON indicator light • Diesel shortage warning light • Lack of limescale indicator light • Thermostat • Pressure gauge Pressure and flow-rate regulating valve • Detergent regulating valve.

Time-delayed intelligent total stop: motor stop after 15 seconds with closed gun; total stop after 10 seconds of operation without water; total stop for accumulation of 10 micro-leaks; all functions are disabled if the motor stops with closed gun for 60 minutes.



THE ONLY MOBILE CLEANER WITH A 21-LITRES ROTOMOULDED WATER TANK

NVY has been designed with a large capacity water tank (21L) which, thanks to its vertical development, allows the perfect feeding of the pump, which receives the water always under pressure without air bubbles. Another advantage of the cleaner's structure is its practicality and manoeuvrability, taking up very little floor space.

S1 continuous duty, high performance electric motors, stabilise the working temperature at constant values for unlimited use. The chosen motor power is oversized, so that the required power never reaches the maximum values available.

An 8.5 HP motor is used for the Indra 21.150 model, instead of the 7.5 HP motor commonly used but absolutely insufficient.

EXTREMELY EFFICIENT AND SILENT BOILER

The noise level is very low, so much so that the cleaner can be used for hot water in busy areas. This is due to the dimensions of the boiler, which are much larger than those of standard machines; to the coil with a length of 40m; to the use of nozzles giving a small flow rate and, at the same time, guaranteeing the maximum temperatures indicated. The fan is made of painted steel, resistant to vibrations.

IN-LINE PUMPS WITH 3 CERAMIC PISTONS

Largely oversized, the pumps allow only partial use of the maximum pressure for which they have been designed.

This feature, together with that of the S1 continuous duty electric motors, allows the Indra cleaner to work without cooling breaks.



SAVING WITH BOILER EFFICIENCY: the combination of very high efficiency, a coil of considerable dimensions and a low temperature of the fumes allows the use of diesel nozzles with minimum flow rates, while easily reaching the selected temperatures. The burner operating times are therefore very short, with a consequent reduction in fuel consumption and significant cost savings.



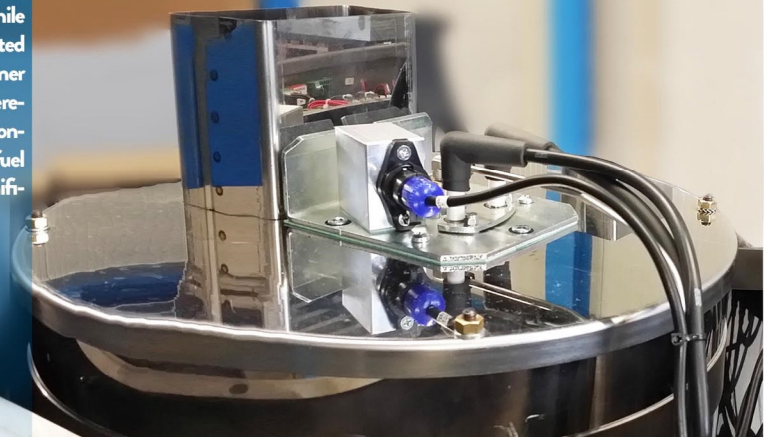
EFFICIENCY



PRODUCTIVITY



SAVING



	PRESSURE	WATER FLOW	POWER SUPPLY		MOTOR POWER		ABSORBED POWER	TEMPERATURE	DIMENSIONS	
	bars	L/min	phase	V	Hz	HP	rpm	kW	°C	cm
NVY 15.150	150	15	3	400	50	5,5	1450	5	30 - 140	97x65x122h
NVY 15.200	200	15	3	400	50	7,5	1450	6,8	30 - 140	97x65x122h
NVY 18.160	160	18	3	400	50	7,5	1450	6,8	30 - 140	97x65x122h
NVY 21.150	150	21	3	400	50	8,5	1450	7,6	30 - 140	97x65x122h
NVY 21.200	200	21	3	400	50	10	1450	8,9	30 - 140	97x65x122h
NVY 15.250	250	15	3	400	50	10	1450	8,9	30 - 140	97x65x122h
NVY 21.250	250	21	3	400	50	15	1450	13,5	30 - 140	97x65x122h
NVY 25.160	160	25	3	400	50	10	1450	8,9	30 - 140	97x65x122h
NVY 25.200	200	25	3	400	50	15	1450	13,5	30 - 140	97x65x122h
NVY 21.300	300	21	3	400	50	15	1450	13,5	30 - 140	97x65x122h
NVY 30.200	200	30	3	400	50	15	1450	13,5	30 - 140	97x65x122h



OPTIONAL: • Remote control. • Stainless steel heating coil • Chimney extension • Flame control by photocell • Hour meter • Manual or automatic hose-reel.

STANDARD ACCESSORIES

- 150 - 200 Bar :** • 15m non-staining high-pressure hose. • Spraygun with extension. • Lance. • Water nozzle.
- 250 - 300 Bar :** • 15m non-staining high-pressure hose. • Spraygun • Lance. • Water nozzle.











SOME APPLICATION FIELDS:

The Indra cleaners, if installed as static units with remote control, flame control and smoke outlet, can supply a water network that connects all the cleaning points. They are indispensable in many sectors such as:

- Vehicle cleaning and repair
- Agri-food industries
- Washing of operations rooms and packing and wrapping mobile lines
- Food stocking companies
- Chemical industries
- Wine companies
- Construction sites
- Shipyards
- Airports
- Harbours and docks
- Barrels and tanks washing, even combined with rotating heads
- Food halls and fruit and vegetable indoor markets
- Mechanical industries for washing at the end of production cycles.



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