




INDRA

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. 



INDRA WITH HOSE-REEL (OPTIONAL)



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 20-LITRES ROTOMOULDED WATER TANK

Indra has been designed with a large capacity water tank (20L) 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 BOILER

The bottom of the boiler is not made of prefabricated slabs of absorbent refractory material, but obtained with factory-made high-resistance refractory cement.

This type of bottom does not allow the absorption of diesel or water, which makes it almost indestructible. The coil is made with ø 17mm pipe (total length 36 m). The fan is made of painted steel, resistant to vibrations over time.

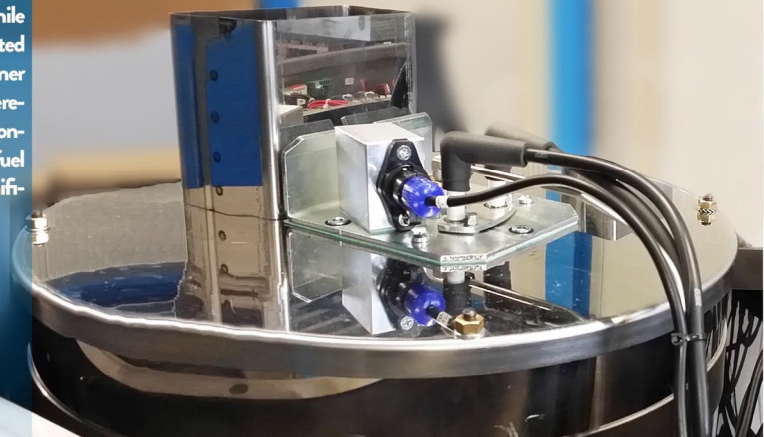
IN-LINE PUMPS WITH 3 CERAMIC PISTONS

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.



	PRESSURE	FLOW RATE	POWER SUPPLY		MOTOR POWER		ABSORBED POWER	TEMPERATURE	DIMENSIONS	
	bar	L/min	phase	V	Hz	HP	rpm	kW	°C	cm
INDRA 12.100 IND12.100NSTD	100	12	1	230	50	3	1450	2,98	30 - 140	94x69x110h
INDRA 10.130 IND10.130NSTD	130	10	1	230	50	3	1450	2,98	30 - 140	94x69x110h
INDRA 14.160 IND14.160NSTD	160	14	3	400	50	5,5	1450	5	30 - 140	94x69x110h
INDRA 14.200 IND14.200NSTD	200	14	3	400	50	7,5	1450	6,8	30 - 140	94x69x110h
INDRA 18.160 IND18.160NSTD	160	18	3	400	50	7,5	1450	6,8	30 - 140	94x69x110h
INDRA 15.200 IND15.200NSTD	200	15	3	400	50	7,5	1450	6,8	30 - 140	94x69x110h
INDRA 21.150 IND21.150NSTD	150	21	3	400	50	8,5	1450	7,6	30 - 140	94x69x110h
INDRA 21.200 IND21.200NSTD	200	21	3	400	50	10	1450	8,9	30 - 140	94x69x110h

ACCESSORIES

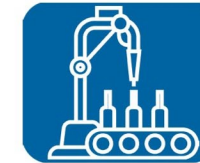


Standard: • 15m non-staining high-pressure hose. • Spraygun with extension. • Lance. • Water nozzle.

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

The accessories are designed for industrial use, in compliance with safety regulations. The 15m high pressure hose allows cleaning to be carried out always keeping the jet at a safe distance.

On request, we can supply hoses of greater length to facilitate the washing of large structures.



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 • Automotive
- Agri-food industries • Cured-meat and dairies factories
- Meat processing and distribution
- Poultry and pig

- farming for breeding areas, cleaning and sanitation
- Live-stock farming for cleaning and sanitation of delivery, lactation and breeding rooms
- Milking systems • Egg farmers
- 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
- Fish processing and distribution industries
- Convenience and deli food production
- Food halls and fruit and vegetable indoor markets
- Mechanical industries for washing at the end of production cycles.

