

## HW KART

Quiet and performing independent hot-water high pressure washers, with diesel engines that can be single-cylinder or three-cylinders depending on the power of the unit.

They can be manufactured as skid version or as a mobile unit with heavy duty wheels specific for rough terrains as it is common in construction sites. Both versions can be equipped with handling hooks for lifting means.

Equipped with a special support they can be fastened to vehicles, ships or barges so that they can be quickly operating in any type of application. 🚚



**HIGH EFFICIENCY**



HW KART 15.200 with optionals



Special unit with pallet-like base, consisting of the independent high-pressure washer, a water tank, a large inlet water filter and automatic hose reel.



Whole bodywork with low noise emission, designed to be highly resistant in extreme work environments: painted steel frame with double vibration damping system and openable painted steel bodywork • 2 d. 400mm 6 plies and steel disc pneumatic wheels with ball-bearings • 2 d. 260mm 6 plies and steel disc pneumatic swiveling wheels with ball-bearings and brake • HW KART is also available as a static unit with painted steel base and vibration-damping feet • Three ceramic plunger pump with stainless

steel manifold • Engines: Yanmar single-cylinder; Kubota water cooled three-cylinders • Engine-pump couplings: reduction gear for single-cylinders unit and belt-pulley coupling for three-cylinders models.

High-efficiency 12V boiler: 12V current is provided by a current alternator • Control panel with starting key • Electric start • Engine speed control, automatically managed by the gun • Pressure and deli-

very regulating valve • Automatic pressure regulator • Safety valve • Water filter • 35L built-in diesel tank.



## CUSTOMIZED VERSIONS FOR SEVERAL CLEANING PURPOSES

For reduced available dimensions, we design special units consisting of the independent high pressure washer, the water tank and the high and low pressure hose reels.

Following the size specifications given by the user, depending on the size of the vehicle, we design special stainless steel tanks that serve as base for HW Kart, equipped with fastening brackets. The tanks have openings for transferring the unit with forklift truck.

Special units suitable for seawater feed equipped with AISI 316 stainless steel bodywork,

pump, heating coil and all water bearing metal parts are also available as much as specific models for sandblasting equipped with dedicated accessories and calibrated sand tanks.

The models HWKart30.200D and HWKart41.140D are available on demand.

They are equipped with Kubota engines and high flowrate pumps, respectively 30L/min and 41L/min with double boiler that grants a water temperature of 90°C for HW Kart 30.200D and 70°C for HW Kart 41.140D.



### 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.

	PRESSURE	DELIVERY	ENGINE	PUMP RPM	FEED	TEMPERATURE	DIMENSIONS (SKID VERS.)
	bar	L/min	type	rpm	type	°C	cm
HW KART 15.200 DIESEL HWK21.200D	190	15	YANMAR 10,5 HP	1450	DIESEL	30 - 140	143x80x95h
HW KART 21.200 DIESEL HWK21.200D	200	21	KUBOTA 18 HP	1450	DIESEL	30 - 140	143x80x95h
HW KART 18.300 DIESEL HWK18.300D	300	21	KUBOTA 18 HP	1450	DIESEL	30 - 140	143x80x95h

#### ACCESSORIES UP TO 200 BARS:



##### Standard:

- 15m non-staining high-pressure hose. • Spraygun with extension. • Lance. • High pressure nozzle.

##### Optional:

- Increased water filter • Feed pump. • Low pressure detergent. • Antiscale device. • Manual hosereel. • Automatic hosereel. • Chimney extension. • Stainless steel heating coil.

#### ACCESSORIES FROM 300 BARS:



##### Standard:

- 15m non-staining high-pressure hose. • Spraygun. • Lance. • High pressure nozzle.

##### Optional:

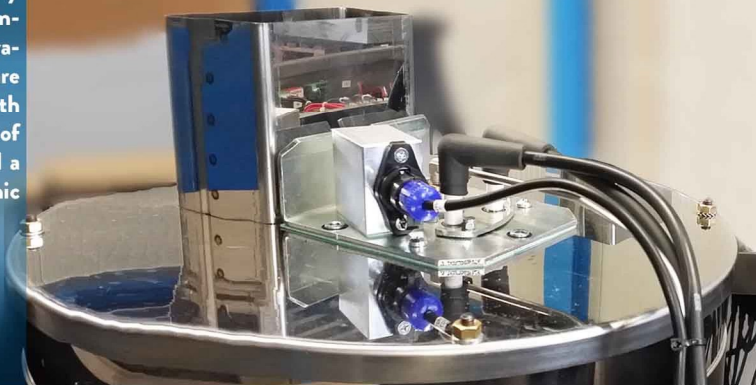
- Increased water filter • Feed pump. • Low pressure detergent. • Antiscale device. • Manual hosereel. • Automatic hosereel. • Chimney extension. • Stainless steel heating coil.

The 15m high-pressure hose allows washing large structures without continuously moving the cleaner is, keeping the high pressure jet at a safe distance from the unit. We can also supply longer hoses to facilitate the washing of huge dimensions structures.

For all HW KART models, it is important that the water inlet pressure is at least 3 Bars.

If supply sources are located at a lower level than the cleaner or if the inlet pressure is insufficient, the unit has to be equipped with an automatic pump.

**EFFICIENCY AND MONEY SAVING:** the combination of high efficiency, a large heating coil and low exhaust smokes temperature allows using low delivery fuel nozzles still attaining the set temperatures. Starting times are so very reduced with consequent decrease of fuel consumption and a remarkable economic saving.



### SOME APPLICATION FIELDS:

- Cleaning in airports, road and motorway signs, railway and metropolitan stations, railway and highway road tunnels • Removing painting coats and encrustations • Graffiti removal • Shipyards (cleaning naval hulls and fishing boats) • Construction sites (removing cement and concrete residues) • Mining sites • Rust removal • Advertising posters removal • Earth moving machinery • Unblocking pipes • Washing units for municipalities and contractors • Sandblasting monuments, paving and squares.

