

X-CROSS



COMPACT AUTOMATIC UNIT FOR RECOVERY, RECYCLING, VACUUM AND CHARGE FOR AGRICULTURAL AND HEAVY DUTY VEHICLES



THE IDEAL MACHINE FOR MOBILE SERVICE

The new **X-CROSS** unit is dedicated to sectors where service is performed outside the workshop, such as agricultural and earthmoving equipment. Compact, handy and equipped with several handles, it is particularly suitable to be transported directly to the intervention site in complete safety.

The special locking system of the bottle on the scale enables a safe handling even on uneven grounds. The heavy-duty metal frame with two rear wheels ensures an optimal stability even during transport in a van. All the functions and accesses, designed to be available from the front, make **X-CROSS** unit also ideal in case of fixed positioning inside a vehicle.

By purchasing the appropriate completion kit, the unit will be selected for the required refrigerant, during the start-up.

Through a retrofit operation, **X-CROSS** unit can also be converted to the use of the other refrigerant.



7" HEAVY DUTY CONTROL MODULE WITH INTUITIVE AND FUNCTIONAL BACKLIT DISPLAY



INTEGRATED CONDENSER



BOTTLE LOCKING SYSTEM



Technical features

Refrigerants	R134a - R1234yf
Recovery rate	300 g/min
Recovery accuracy	+/-15g
Recovery efficiency	>95%
Pump swept volume	100 l/min
Bottle capacity	10 kg
Refrigerant scale resolution	5 g
Oil/UV scale resolution	1 g
Dimensions (without packaging)	62 x 55 x 93 cm
Weight (without packaging)	66 kg

The 7" Touch Heavy Duty display, suitable for use with work gloves, features large ICONS that allow immediate management of the MAIN FUNCTIONS.

Analogue gauges

The OPTIONAL WI-FI KIT allows interconnection to the WIGAM service portal with the resulting potential.



Standard printer



K-134



K-1234



• Can be updated for use with the main replacement gases of R134a, such as R456A and R513A (contact Wigam for specific compatibilities).

MAIN FUNCTIONS

- Sturdy and stable compact frame with multiple handles for easy handling.
- Ideal for placement in a van thanks to the front connections and access for maintenance.
- Recommended for working in unfavourable environmental conditions also thanks to the integrated condenser.
- Locking of the bottle for a safe handling .
- HYBRID-READY: AUTO-CLEAN function for hybrid and electric vehicles.
- 7" HEAVY DUTY control module with backlit intuitive and functional display.
- Additional analogue pressure gauges (LOW, HIGH and bottle pressure).
- Automatic unit:
 - Automatic Recovery/Recycling.
 - Automatic Vacuum/Vacuum test.
 - Automatic oil discharge (with scale)
 - Automatic oil/UV charge
 - Automatic refrigerant charge.
 - Automatic personalized cycle (Recovery-vacuum-charge).
- Built-in valve for non-condensable gases discharge
- Built-in ambient temperature probe.
- 2 independent scales for oils and additives.
- Automatic alarm for maintenance: the unit warns when it is necessary to change the oil in the vacuum pump.
- Pressure test with refrigerant before the charging phase.
- Distillation system with automatic control.
- Automatic system of protection of the refrigerant bottle.
- Completion kit with INJECTION CONNECTION SYSTEM.
- Standard thermal printer.
- Customisable paper report with data of the workshop/operator/vehicle.
- Database that can be updated via USB memory.
- Unit ready for interconnection through Wi-Fi kit (Optional).
- Wigam Service Portal, accessible through PC and smartphone, form management, information exchange and reports (Wi-Fi kit necessary).

Code	Model	Description
13003104	X-CROSS-VARIANT	Automatic unit R/R/V/C with printer
14010100	K-134	Kit connections and 2500 mm flexible hoses for R134a
14010101	K-1234	Kit connections and 2500 mm flexible hoses for R1234yf
14010109	K-MR/200	Kit connections and 5000mm flexible hoses for R134a
14025171	K-WIFI	Kit Wi-Fi