



POLO SRL

MOVES THE COOL

[HTTP://WWW.POLOITALIA.COM/EN/](http://www.poloitalia.com/en/)





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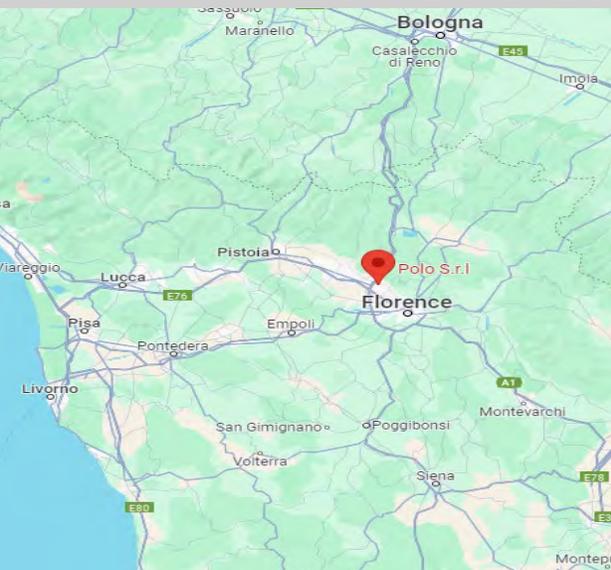
The refrigerant gases moving, dosing and filling company

Since 1998, POLO is your perfect partner for customized process equipment handling all the refrigerant gases classified as A1, A2, A2L and A3 series.

TWO MAIN MARKET RANGE OF PRODUCTS:

- **Refrigerants gases moving and filling into:**
 - Drums
 - Medium and Large Cylinder
 - Aerosol small bottle high production line

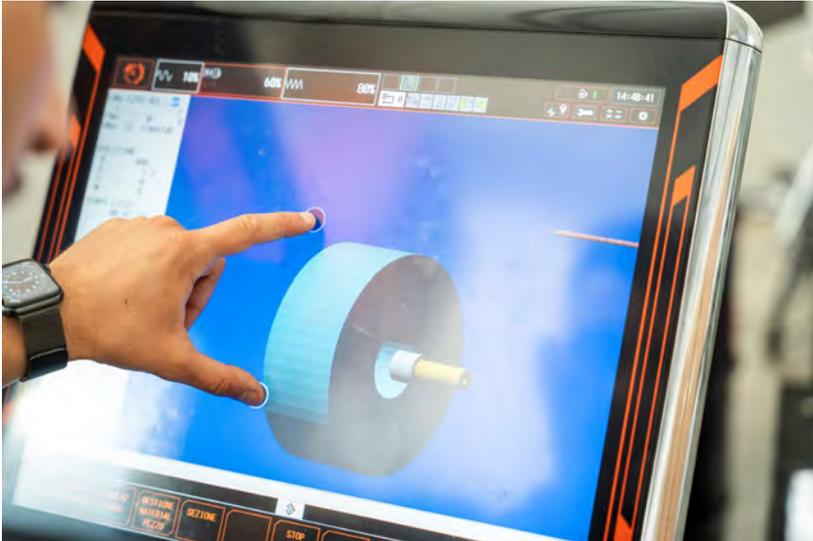
- **Vacuum and filling of refrigerant gases for end user manufacturing lines as:**
 - Domestic Refrigerators
 - Vending Machines
 - Air Conditioning
 - Car Automotive Fluid Filling





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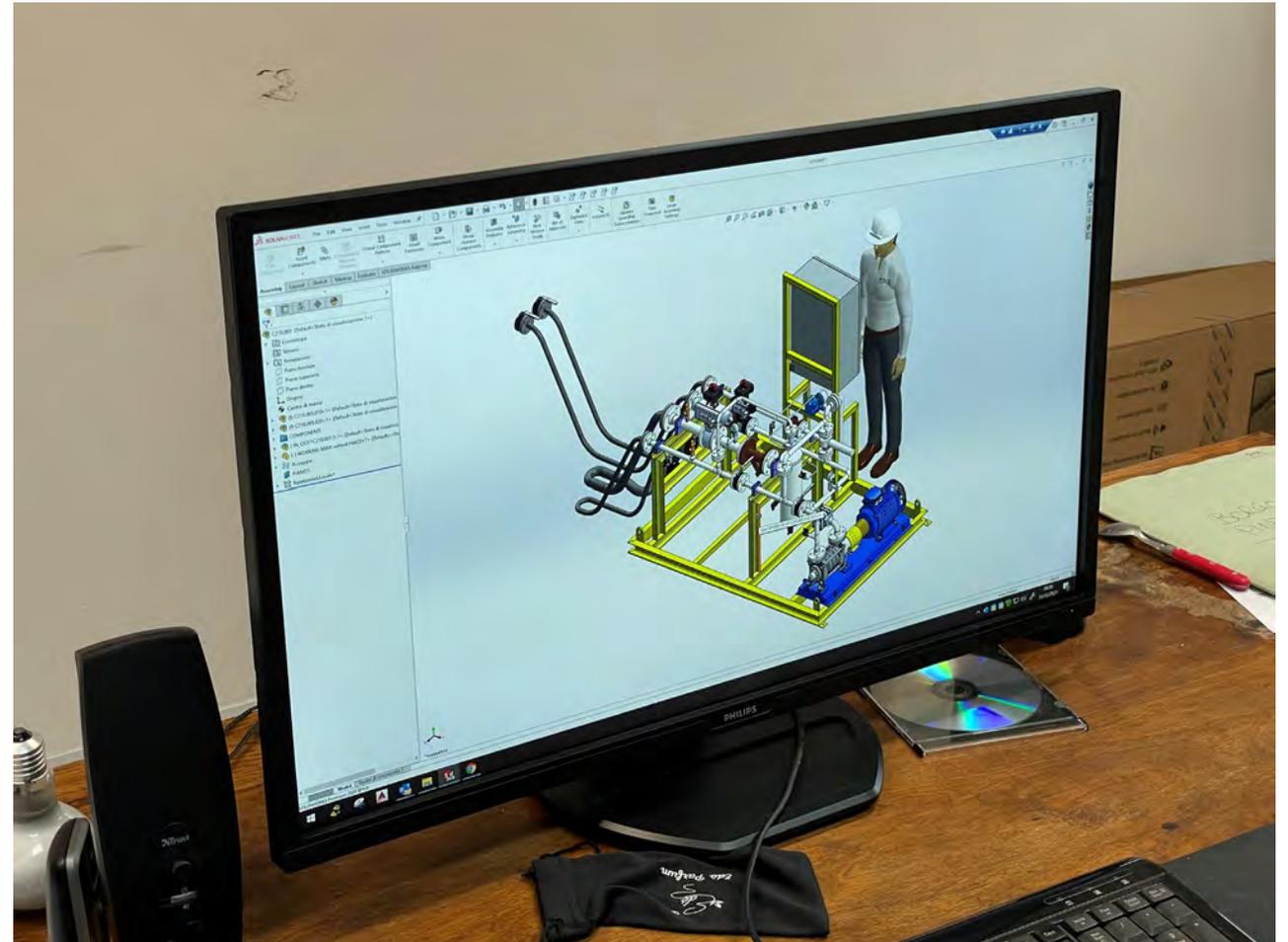
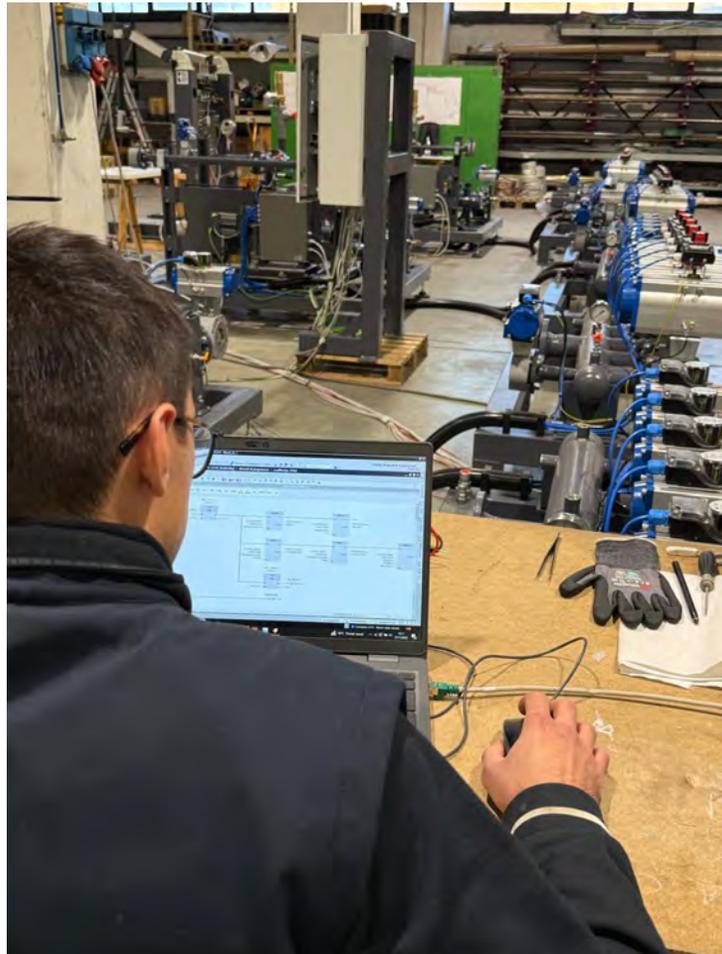
- In-house Mechanical Workshop by Mazak CNC Work Centers





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- In-house Electrical & Mechanical Design and PLC Software development
- In house 3D Mechanical Design by Solid Works Premium





REFRIGERANTS GASES MOVING AND FILLING TO:



Drums



Medium and
Large Cylinder



Aerosol Bottles

Refrigerant gases moving dosing and filling

Rawabi Integrated Gas – Saudi Arabia



Linde – Sweden



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Refrigerants gases moving dosing and filling



Cylinder filling machines for Kuwait



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Refrigerants gases moving dosing and filling



Recovery Unit - Bahrain



Recovery Unit – Linde Sweden

CUSTOMER REFERENCES



A-GAS[®]
TOGETHER WE CAN



ChemPenn[®]
The Chemical Company of Pennsylvania



SETTALA
TECHNOLOGY AND ENVIRONMENT
GAS



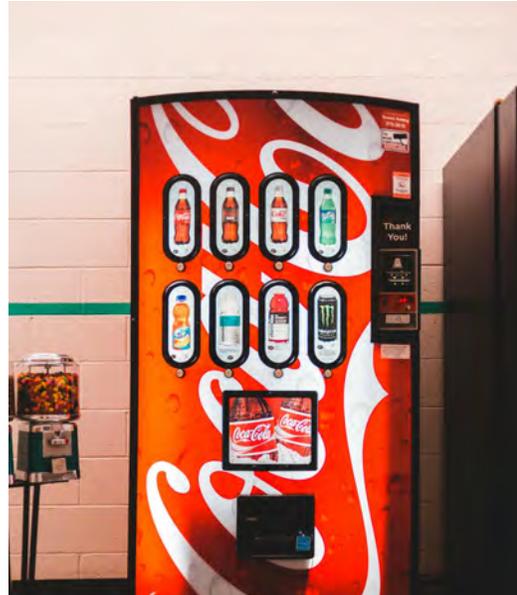
TEGA



VACUUM AND FILLING OF REFRIGERANT GASES FOR END USER MANUFACTURING LINES



Domestic
Refrigerators



Vending
Machines



Air Conditioning



Car Automotive
Fluid Filling



MRC-AC

Vacuum and High Speed Gas Filling Unit



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segregate connection port.

As optional can be equipped with our floating piston accumulators to balance the gas pressure supply. The Pneumatic cabinet can be vented for ATEX installation in order to declassify the dangerous area around the filling unit.

The POLO's MRC AC is the ideal solution for Air Conditioner gas filling; it is a PLC controlled unit with large colour touch screen that can be connected to our service center for **Remote Assistance**. It is available in two version (std and ATEX for flammable gasses) and three different configurations. The metering device can be selected between the high speed **Turbine** or **Corioli mass metering device**.

Two possible filler heads available each one with start button with LED and vacuum & high speed gas valve; V3BO-BS-HS with pneumatic q.c. and PIN drive and the V3BO-BS-HSB with remote quick coupler and PIN to allow connection to

DATA	UNITS	VALUE
Accuracy (V3BO-BS-HS/HSB)*:		
For charge up to 500g	g	±5/±10
For charge over 500 g	%	±1/±2
Filler heads	type	V3BO-BS-HS (HSB on request)
Filler Quick Coupler	type	HK2 (HK3, PCU on request)
Charging Speed (Turbine/Corioli)	g/sec	100/120**
Vacuum pump displacement	m ³ /h	10 (up to 21 on request)
Vacuum limit	mbar	1 x 10 ⁻⁴
Vacuum sensor type		Pirani Active Gauge
Refrigerants type		HC, CFC, HCFC, HFC, HFO
Display LCD TFT ATEX	inch	12" (15" or 17" on request)
PLC	type	S7-1200 (others on request)
ROUTER	type	Ethernet (WI-FI on request)
Output		USB, RS232, RJ45
Power supply		400V/50Hz 3ph Others on request
Installed Power	W	1500 - 2500
Dimensions	cm	120x60x200
Weight	Kg	200 -250

(*) for R134a at 20 Bar

(**) with R134a, can change accordingly the gas density



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Lamborghini Automobili Italy

Multi-fluid filling machine for
URUS production line



CUSTOMER REFERENCES

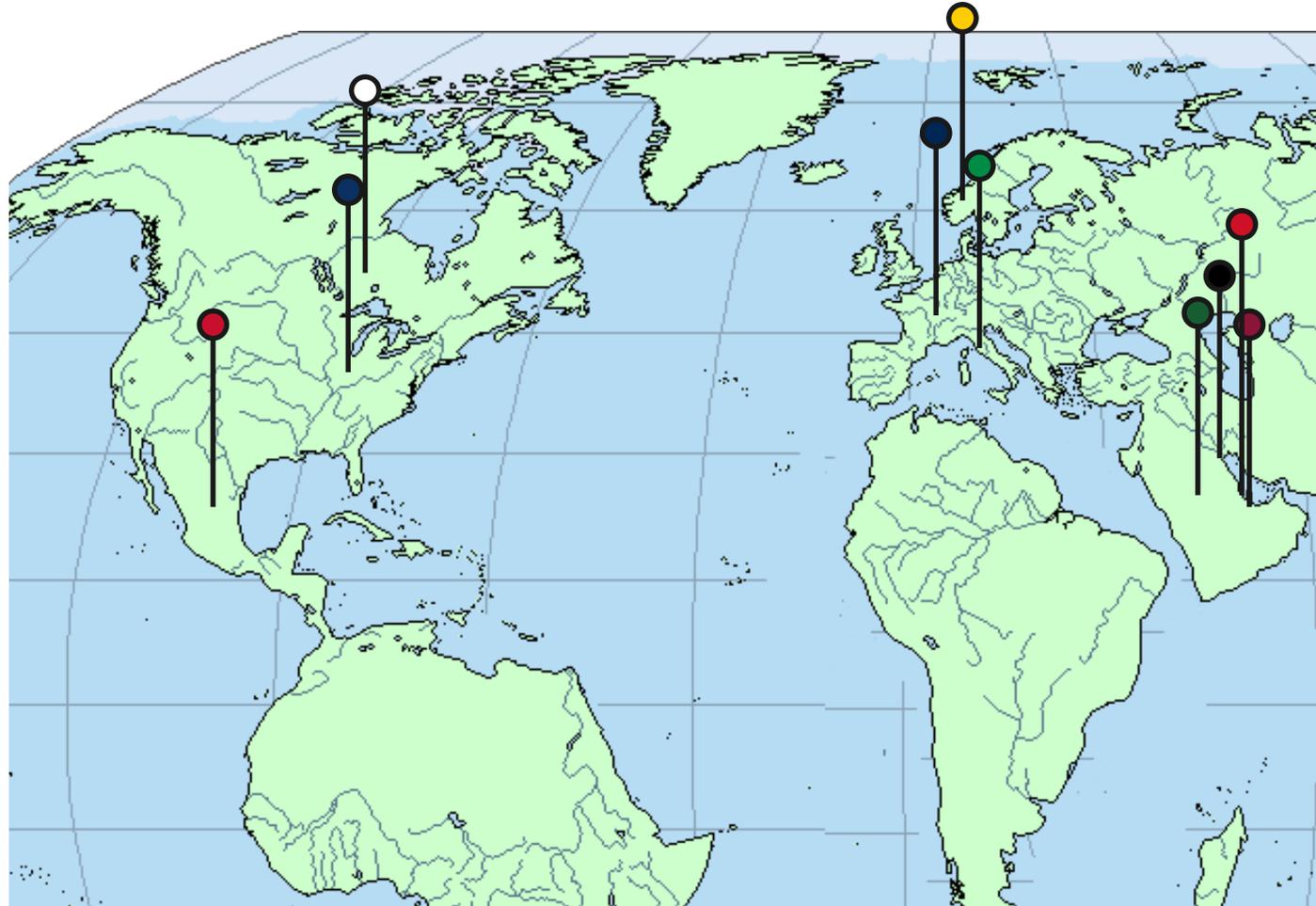




Major Projects

LOCATION

- Italy
- Sweden
- France
- Saudi Arabia
- Kuwait
- Qatar
- Bahrain
- USA
- Canada
- Mexico





OUR CONTACT

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