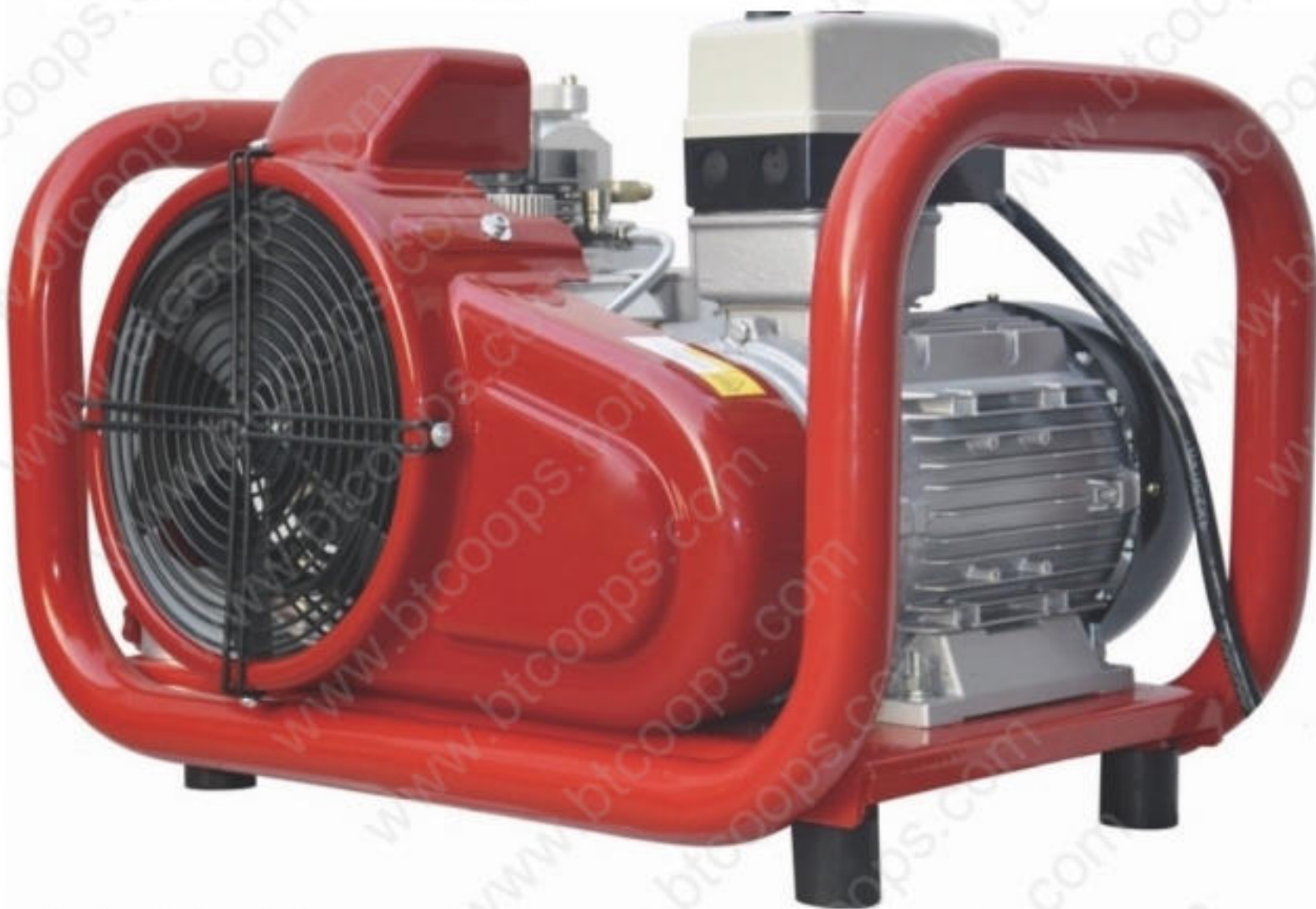


## Helium Recovery Machine

Helium gas is not flammable, it is noble gases not like hydrogen. Hydrogen is much more than helium in this planet. With helium's shortage, the price of it keeps on rising, and the need of helium products still have too big in market, but most of helium gas are used for Only one time- the wastage of helium gas is very uneconomical, it is very popular for balloons and blimp like Parade balloon and Airship Company.

We have came up with good solutions Helium Recovery Machine. It sucks the helium gas out of the balloon & airship/blimp, then compresses and pumps it back into helium tank for repetitive use(helium backup). It is an irreplaceable tool for companies that want to save and make big money with helium gas.

As the cooling-down method difference, Helium Recovery Machine have Water cooling-down or Air cooling-down, two different type system .All of them are easy and safe to operate. We offer some different models according to client needs. There are in electric (Single Phase/Three Phase)or portable like Gasoline or Diesel power.



Application: balloon helium recovery





## Machines in Air Cooling-Down System

Max Air Pressure option is  
 15 Mpa (2,175psi)  
 25 Mpa (3,625psi)  
 35 Mpa (5,075psi)

Machine Model:	Flow Rate	Power	Cylinder s	Stage	Dimension	Net Weight
	M3/H	Kw			CM	Kg
Model : HRM-0.1(E)	6	3	4	4	62.5X40X39	55
Model :HRM-0.1(GS)	6	4	4	4	85X40X39	50
Model :HRM-0.22(E)	13.2	4	3	3	126X52X62.5	170
Model :HRM-0.22(GS)	13.2	6.5	3	3	137X52X62.5	120
Model :HRM-0.27(E)	16.2	5.5	3	3	118X60X63	185
Model : HRM-0.27(GS)	16.2	7.5	3	3	137X52X62.5	135
Model :HRM-0.35(E)	21	7.5	4	4	118X60X63	200
Moede:HRM-0.35(GS)	21	10	4	4	137X52X62.5	150
Model : HRM-0.68(E)	40	18.5	4	4	85X120X160	600

## Photos of Machine Models

Model:HRM-0.1(E)



Model:HRM -0.1(GS)



Model:HRM-0.22(E)



Model:HRM-0.22(GS)



Model:HRM-0.27(E)



Model:HRM-0.68(E)



Model:HRM-0.35(E)



Moede:HRM-0.35(GS)



Model:HRM-0.27(GS)





## Technical Specification

Model: HRM-0.1(E)



Dimension(cm):	62.5X40X39
Net Weight(kg):	55
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	6
Power(KW):	3
Engine	Electric
Revolutions Per minute(RPM)	2100
Voltage(V):	220/380
Frequency(Hz):	50
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Model: HRM-0.1(GS)



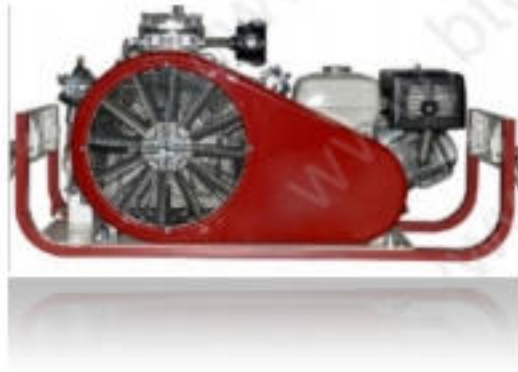
Dimension(cm):	85cmX40cmX39cm
Net Weight(kg):	50
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	6
Power(KW):	4
Engine	Gasoline(Honda)
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Model:HRM -0.22(E)



Dimension(cm):	126cmX52cmX62.5cm
Net Weight(kg):	170
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	13.2
Power(KW):	4
Engine	Electric
Voltage(V):	380
Frequency(Hz)	50
RPM	2100
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Model:HRM-0.22(GS)



Dimension(cm):	137cmX52cmX62.5cm
Net Weight(kg):	120
Rated pressure(MPA):	15/25/35
Flow Rate (M3/h):	13.2
Power(KW):	6.5
Engine	Gasoline(Honda)
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Model:HRM-0.27(E)



Dimension(cm):	118cmX60cmX63cm
Net Weight(kg):	185
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	16.2
Power(KW):	5.5
Engine	Electric
Voltage(V):	380
Frequency(Hz)	50
RPM	2100
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

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## Model:HRM-0.27(GS)



Dimension(cm):	137cmX52cmX62.5cm
Net Weight(kg):	135
Rated pressure(MPA):	15/25/35
Flower Rate(M3/H):	16.2
Power(KW):	7.5
Engine	Gasoline(Honda)
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Model:HRM-0.35(E)



Dimension(cm):	1180cmX60cmX63cm
Net Weight(kg):	200
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	21
Power(KW):	7.5
Engine	Electric
Voltage(V):	380
Frequency(Hz)	50
RPM	2100
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Moede:HRM-0.35(GS)



Dimension(cm):	137cmX52cmX62.5cm
Net Weight(kg):	150
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	21
Power(KW):	10
Engine	Gasoline(Honda)
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54

## Model: HRM-0.68(E)



Dimension(cm):	85cmX120cmX160cm
Net Weight(kg):	600
Rated pressure(MPA):	15/25/35
Flow Rate(M3/h):	40
Power(KW):	18.5
Engine	Electric
Voltage(V):	380
Frequency(Hz)	50
RPM	2100
Working Temperature(°C)	-5~+45
Working altitude(m)	2000
Cooling-Down Method	Air cooled
Insulation Protection	F
Levels of protection:	IP54




## Performance

- Oil Water Separator
- Four Cylinders ,Four Stage, Air cooled bock, Stainless Steel Intercoolers and ater cooler.
- Belt - enclosure
- Pressure maintaining valve for optimum air processing.
- Inlet filter/silencer
- filled with synthetic oil
- Charging hose and Din 300 Valve
- Anti - vibration pressure gauge
- Magic motor starter, with overload protection
- Operation manual and part list
- Opertation Video

## Machine in Water Cooling-Down System Models

Max Air Pressure is 14.7Mpa					
Model	Flow Rate	Power	Engine	Dimension	Net Weight
	M3/H	Kw	Electric	CM	Kg
Model :HRMC-0.27/150E	16.2	5.5	380V	105X45X78	210
Model :HRMC -0.43/150E	25.8	7.5	380V	105X45X78	230
Model:HRMC-0.42/150DS	25.2	11	Diesel	150X55X95	320

## Technical Specification

Model:HRMC-0.42/150DS		
	Dimension(cm):	150X55X95
	Net Weight(kg):	320
	Gross Weight(kg):	350
	Rated pressure(MPA):	14.7
	Flow Rate(M3/h):	25.2
	Power(KW):	11
	Engine	Diesel
	Working Temperature(°C)	-5~+45
	Working altitude(m)	2000
	Cooling-Down Method	Water cooled

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<b>Diesel Engines:</b>	
Power:	10.5KW
Motor of speed:	2000 RPM
Engines oil:	3.5 liter
Diesel oil:	NO.0 for summer
Working Temperature(°C)	-10 or-20 for light diesel oil for winter
OilTank:30 liter	Consumption:6 liter per hour



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