

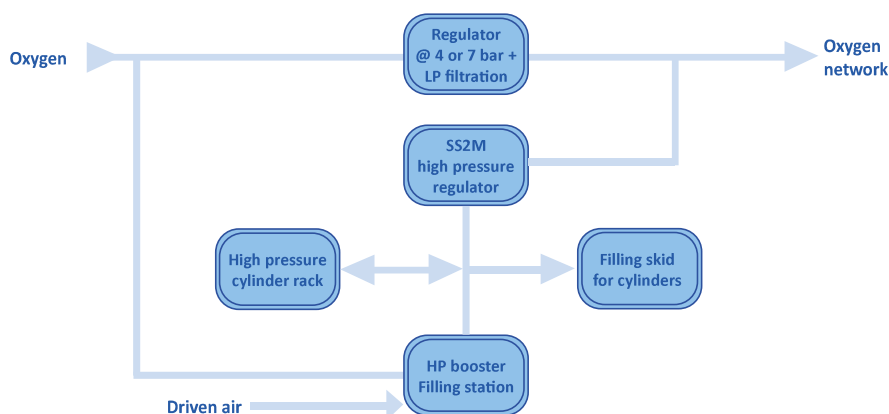
Oxygen high pressure cylinder filling station

- Oil-less piston booster(s) driven by compressed air
- Multi-stage compression
- Simple and robust compression technology
- No pollution of O₂ during compression
- Low maintenance requirements
- PROCOM 2 regulation device
- Supply with pressure release line at 4 bar or 7 bar on the O₂ network
- Possible association with filling skid for gas cylinders
- Maximum pressure : 200 bar



Oxygen high pressure cylinder rack
12 x B50

Process sequence



Power supply

- 1-phase, 230V - 50 / 60Hz

Characteristics

OX HP		OX HP 3	OX HP 6	OX HP 12			
Number of boosters		1	2	3			
Number of compression stages		2	3	3			
O ₂ inlet pressure	bar	4	5	4	5	4	5
O ₂ inlet average flow rate	Nm ³ /h	3,3	3,9	6,2	7,1	12,4	14,2
O ₂ outlet average flow rate	Nm ³ /h	2,6	3	5,2	6,1	10,5	12,1
B50 at 180 bar filling time	minutes	212	180	105	89	53	45
Motor air consumption	Nm ³ /h	70	72	140	142	165	169

Optional accessory references

Oxygen high pressure cylinder rack	6 x B50 722974	9 x B50 722975	12 x B50 722976	20 x B50 722977
Cylinder rack connection hose	F type / 3m			722978
Copper connection for cylinder rack	F type / 3m			332930
Cylinder + valve + cap	B5 722974	B20 723889	B50 722979	
Cylinder connection hose	F type / 1,5m			362087
Copper connection cylinder	F type / 1,5m			363147



Range complying with
93/42/CEE directive



Range complying with
2014/68/UE directive



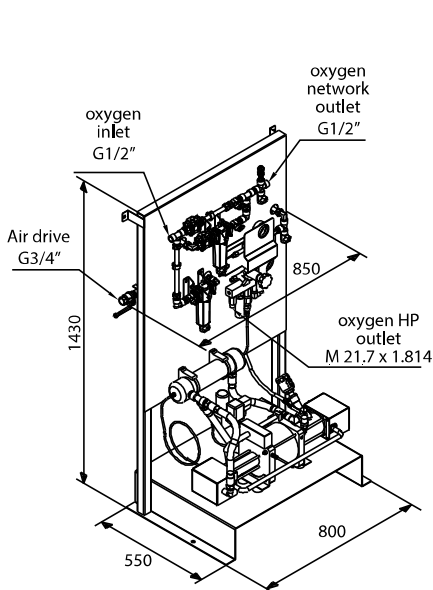
Dimensions (mm)

	L	P	H	Weight kg
6 X B50	530	760	1790	460
9 X B50	790	800	1880	720
12 X B50	780	1000	1880	900
20 X B50	1060	1360	1880	1550

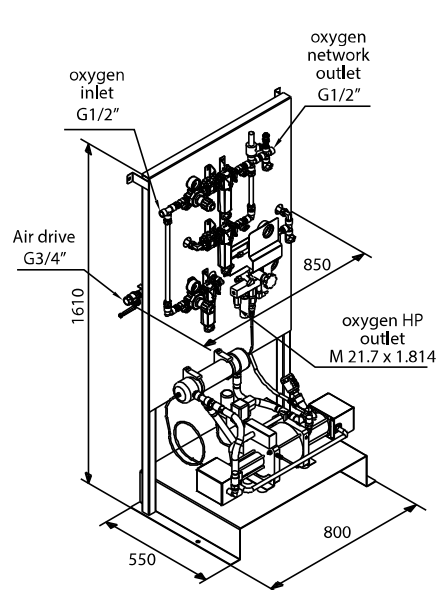
O₂ cylinder filling and supply system reference

	OX HP 3
SS2M – backup 4 bar + network connection 5 bar	923851
SS2M – backup 7 bar + simple pressure release line	923852
SS2M – backup 7 bar + duplex pressure release line	923853

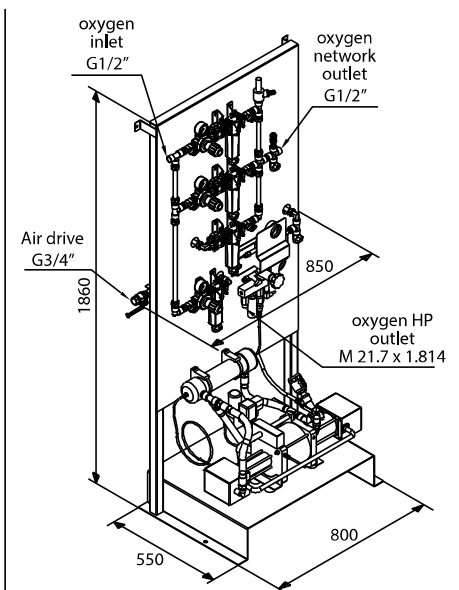
Dimensions (mm)



OX HP 3 - oxygen high pressure cylinder filling station with connection to 5 bar network



OX HP 3 - oxygen high pressure cylinder filling station with simple pressure release line



OX HP 3 - oxygen high pressure cylinder filling station with duplex pressure release line

	Weight (kg)
OX HP 3	100

OX HP 6 / OX HP 12



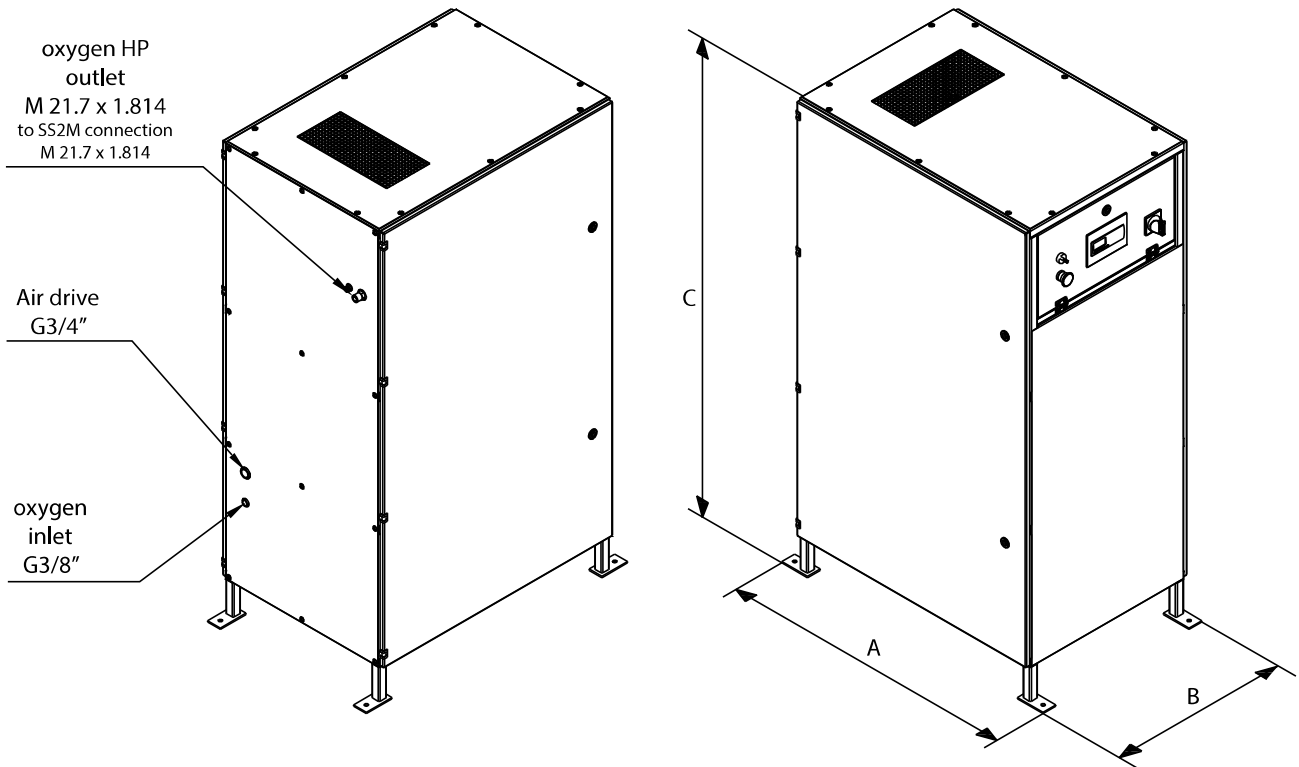
O₂ cylinder filling and supply system reference

	OX HP 6
SS2M – backup 4 bar + network connection 5 bar	923709 + 823761
SS2M – backup 7 bar + simple pressure release line	923709 + 823762
SS2M – backup 7 bar + duplex pressure release line	923709 + 823763

	OX HP 12
SS2M – backup 4 bar + network connection 5 bar	923708 + 823761
SS2M – backup 7 bar + simple pressure release line	923708 + 823762
SS2M – backup 7 bar + duplex pressure release line	923708 + 823763

OX HP 6 / OX HP 12

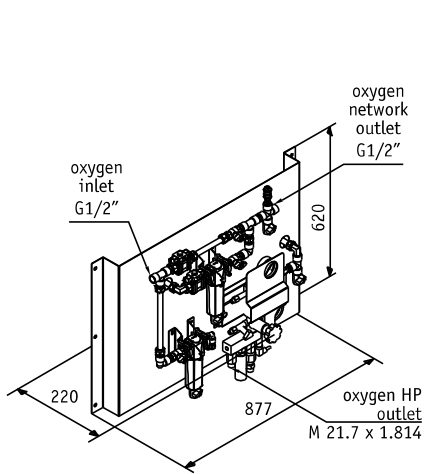
Dimensions (mm)



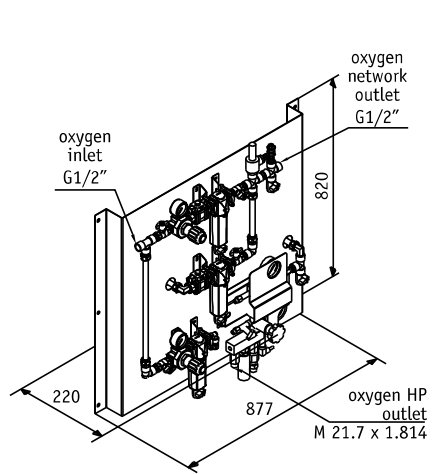
Dimensions (mm)	OX HP 6	OX HP 12
A	1020	1020
B	620	620
C	1300	1600

	Weight (kg)
OX HP 6	200
OX HP 12	250

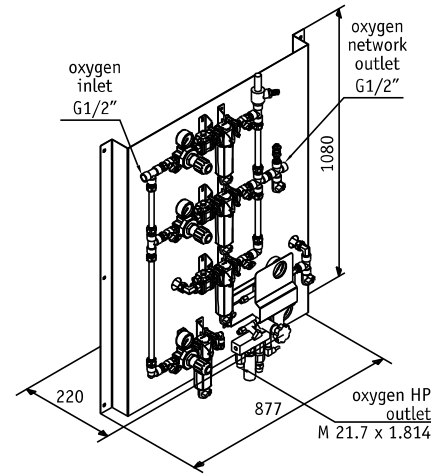
High pressure / low pressure regulators : SS2M assembly dimensions (mm)



SS2M - 4 bar assembly
with network connection 5 bar



SS2M - 7 bar assembly
with simple pressure release line



SS2M - 7 bar assembly
with duplex pressure release line