

# SCOTT®

SABRE AIRLINE BREATHING APPARATUS



**SCOTT®**  
HEALTH & SAFETY

# Modulair

The Sabre Modulair is a compact, easy to use airline trolley system designed to provide portable clean air in restricted access areas.

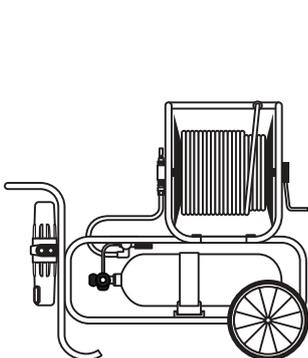
Versatile and robust, it consists of a lightweight stainless steel hose reel unit and cylinder frame that can be used independently or together. The frame is designed to carry a pair of cylinders and, where required, an additional frame can be vertically stacked to allow connection of up to four cylinders. This, in conjunction with proven 300 bar high performance pneumatics delivering up to 1000 litres of breathing air per minute, permits four people to work at the same time.

Long duration operation is made simple through adjustable cylinder bands and high pressure cylinder connectors to accommodate a variety of cylinder sizes at both 200 and 300 bar. Non-return bleed valves fitted to the cylinder connectors enable cylinders to be replaced independently for continuous operation.

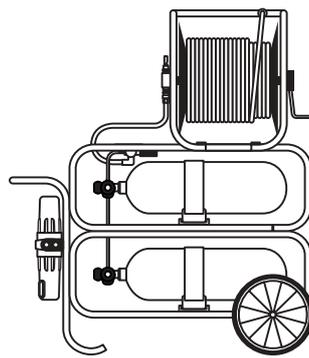
To safeguard against any drop in air supply pressure the Modulair can be fitted with a medium pressure warning whistle or a DS4 (automatic distress signal unit) for both audible and visual alarms if the airline supply pressure falls below 3.8-4.1 bar (55-60 psi). In either case, the operation of the alarm informs safety rescue personnel to switch over to the reserve air supply, change cylinders or initiate evacuation procedures as appropriate.



- Robust and reliable, stainless steel construction
- 2 or 4 man operation
- 2 or 4 cylinder capability
- High performance pneumatics



M-FRM-2-2-HRT-AFU



M-FRM-4-2-HRT-AFU

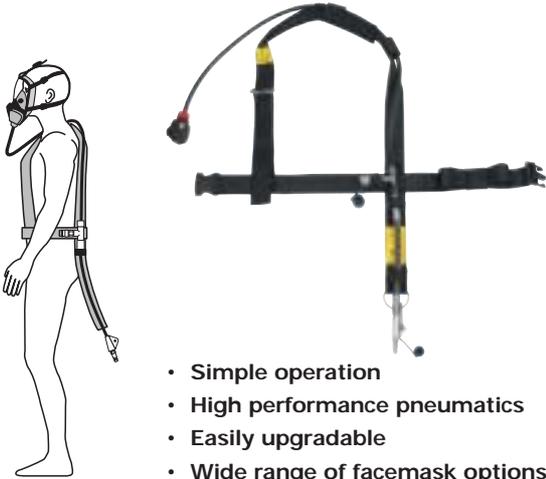


# Flite

Flite, in its simplest form, provides the user with breathing air from a medium pressure airline. It consists of a lightweight, easy to don bandolier harness with padded shoulder strap, a pigtail connection with safety locking coupling, a Tempest positive pressure demand valve with first breath activation and hands-free bypass facility.

As the equipment is positive pressure, it provides the user with the highest possible protection factor allowing Flite to be used in IDLH and oxygen deficient environments.

Flite apparatus can be used with any of the Sabre range of positive pressure facemasks: Vision 3, or Promask Postive Pressure.



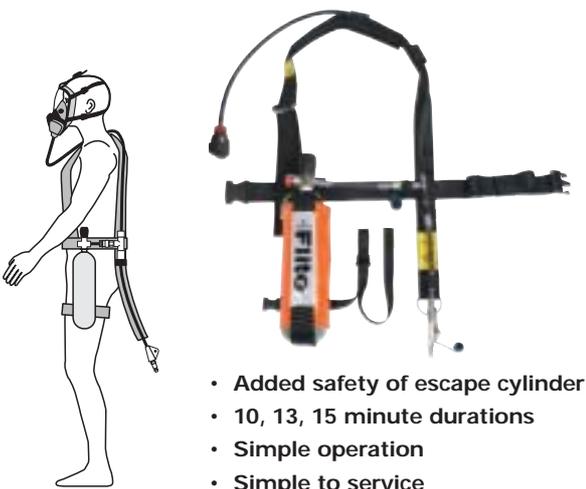
- Simple operation
- High performance pneumatics
- Easily upgradable
- Wide range of facemask options

# Flite Escape

With airline breathing apparatus the user's safety is dependent upon outside influences – the airline supply could become disrupted. Flite includes the option of an escape cylinder that can be added to the unit at any time, this serves as an important additional safety benefit to safeguard against a failure of the airline supply.

Flite Escape is widely used by people working in confined spaces or hazardous environments, such as the oil and gas industry, where levels of H<sub>2</sub>S can be extremely high.

10 and 15 minute steel cylinders or a 13 minute super-light carbon composite cylinder are available.



- Added safety of escape cylinder
- 10, 13, 15 minute durations
- Simple operation
- Simple to service



# AIRLINE Accessories



**Y piece (021.042.00)**

The Y piece adds flexibility by splitting a single hose into two hoses. This allows two users to share a single air supply.



**Medium pressure inline whistle (035.146.00)**

When placed in the airline system between the breathing hose and the user this device provides a safe, clear warning should the airline pressure drop below 4 bar.

**Airline Filter Unit (AFU) (AFU-13-STA or AFU-25-STA)**

Available in two or four user versions, the AFU removes particles, oil and water from medium pressure compressed air making it suitable for use with breathing apparatus.



**Distress Signal Unit (DS4)**

The DS4 is an automatic distress signal unit for use with the Sabre Modulair. Indicating if action is urgently required, the DS4 monitors the medium pressure of an external air input, giving off a loud audible and visual alarm should there be a drop in air pressure.



**SCBA airline attachment (039.273.99)**

This attachment is fitted on to Sabre self contained breathing apparatus enabling them to be used with an airline system. This attachment is available on both the Cen-paq and Contour and existing sets can be easily upgraded if required.



**Medium pressure test gauge (035.147.02)**

Allows the user to check the pressure of the airline at the point of use.

**HP-RED2 (see overleaf for part nos)**

Reduces high pressure air from a single cylinder to medium pressure. As standard the HP-RED2 has a high pressure gauge fitted to display cylinder content. A 55 bar whistle is available together with a selection of connections to fit different types of cylinders.



## Hoses

PVC or AS	3, 10, 15, 20, 30, 50, 60 metres
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Hoses are available in both PVC and antistatic rubber materials in seven standard lengths. All airline hose connections are CEN safety couplings that are quick and easy to connect yet prevent accidental disconnection.



**Retractable hose reel (AHR-15M-PVC or AHR-15M-AS)**

Provides a means of convenient storage for 15 meters of hose. It is designed to maintain a safe work area by allowing the user to control the amount of hose laid out. Supplied with PVC or anti-static hose and wall mounting bracket.



# How to order a Modulair

## MODULAIR CONFIGURATIONS

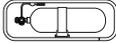
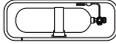
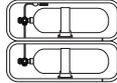
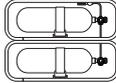
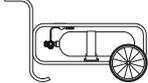
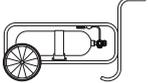
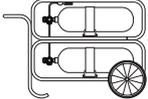
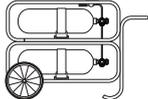
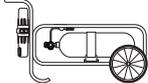
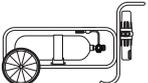
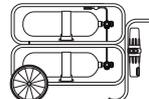
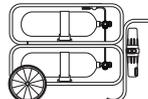
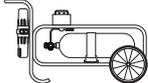
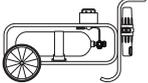
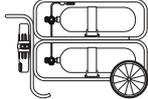
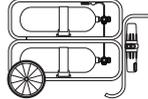
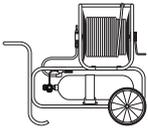
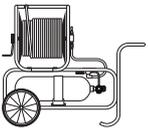
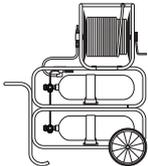
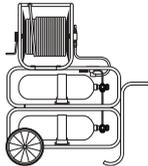
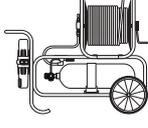
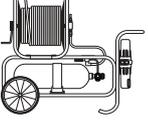
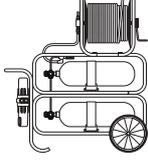
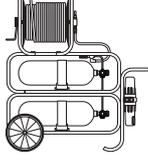
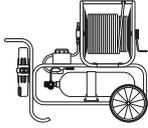
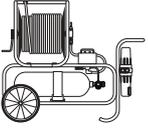
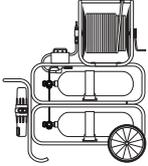
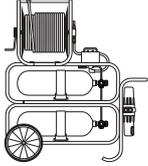
BASIC UNIT: M-FRM-X-Y    X = NO. OF CYLINDERS    Y = NO. OF WEARERS (2 OR 4)

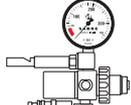
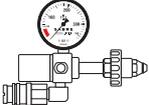
2 cylinders / max 2 users

2 cylinders / max 4 users

4 cylinders / max 2 users

4 cylinders / max 4 users

Frame and cylinder unit only					
<b>FRAME</b>	 M-FRM-2-2	 M-FRM-2-4	 M-FRM-4-2	 M-FRM-4-4	<b>FRAME</b>
<b>Mobile trolley conversion = frame fitted with handles and wheels</b>					
	 M-FRM-2-2-T	 M-FRM-2-4-T	 M-FRM-4-2-T	 M-FRM-4-4-T	
<b>Mobile trolley conversion with additional AFU &amp; MP whistle</b>					
<b>TROLLEY</b>	 M-FRM-2-2-T-AFU	 M-FRM-2-4-T-AFU	 M-FRM-4-2-T-AFU	 M-FRM-4-4-T-AFU	<b>TROLLEY</b>
<b>Mobile trolley conversion with additional AFU &amp; DS4 warning distress signal</b>					
	 M-FRM-2-2-T-AFU-DS4	 M-FRM-2-4-T-AFU-DS4	 M-FRM-4-2-T-AFU-DS4	 M-FRM-4-4-T-AFU-DS4	
<b>Hose reel trolley assembly – frame fitted with handles and wheels</b>					
	 M-FRM-2-2-HRT	 M-FRM-2-4-HRT	 M-FRM-4-2-HRT	 M-FRM-4-4-HRT	
<b>Hose reel trolley assembly – with additional AFU &amp; MP whistle</b>					
<b>HOSE REEL TROLLEY</b>	 M-FRM-2-2-HRT-AFU	 M-FRM-2-4-HRT-AFU	 M-FRM-4-2-HRT-AFU	 M-FRM-4-4-HRT-AFU	<b>HOSE REEL TROLLEY</b>
<b>Hose reel trolley assembly – with additional AFU &amp; DS4 warning distress signal</b>					
	 M-FRM-2-2-HRT-AFU-DS4	 M-FRM-2-4-HRT-AFU-DS4	 M-FRM-4-2-HRT-AFU-DS4	 M-FRM-4-4-HRT-AFU-DS4	

CEN COUPLINGS
 HP-RED2-C
 HP-RED2-W-C
 HP-RED2-B-C
 HP-RED2-B-W-C
 HP-RED2-P-W-C

C = CEN coupling  
R = Bullnose coupling  
W = Whistle  
P = Pin index

NB – An AFU is required when you need to connect an airline and purify the air.  
A DS4 is required for both audible and visual distress signals should the airline supply pressure drop.

The above configurations are designed to simplify the order process. Note the above do not include cylinders, hoses or airline connectivity devices such as 'y' pieces which will be required in your specified system. Scott customer service agents will be pleased to assist with your queries.