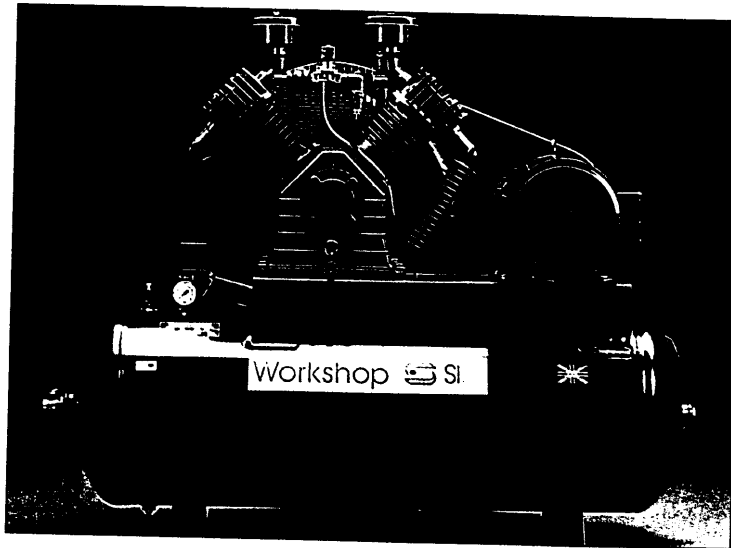


Introduction

# Air Compressors



OVER 100  
**SIP**  
SERVICE AGENTS  
NATIONWIDE

**S**IP have been producing air compressors for over 25 years. During this period the range has been continuously revised and improved to ensure that every unit provides maximum performance combined with trouble free life.

A vast selection of units are available ranging from the diaphragm Hobbyair 70 (ideal for hobby use) right up to the exceptionally high output largest Workshop, producing a piston displacement of 90 cubic feet per minute.

This diversity of product is separated into four distinct ranges.

The semi - professional Airmate series, Professional Airstream range, Industrial Workshop range and the Industrial Phantom Silenced range.

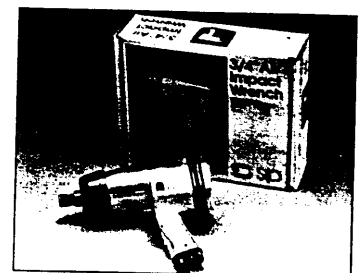
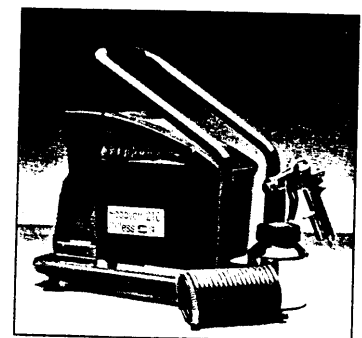
The **Airmate** range of direct drive models offer highly portable units, providing efficiently designed aluminium alloy heads and barrels incorporating cast iron liners, directly coupled to the powerful electric motor. Power and economy is achieved by this coupling, thereby minimising running costs at all times.

**Airstream** Compressors are professional belt driven models offering high efficiency and reliability at extremely competitive prices.

**Workshop** Compressors have been designed to meet the exacting standards demanded by the industrial sector. Produced in the United Kingdom, these belt driven machines are powered by heavy duty British electric motors. Each is manufactured to current British and European Standards. Certified European Standard receivers are utilised throughout. All Workshop Air Compressors incorporate thermal overload protection.

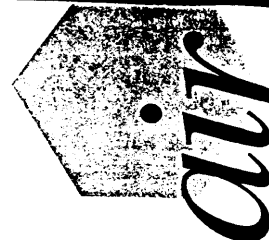
The **Phantom** range are all silenced units for special applications where noise containment is of the utmost importance.

A full 12 months warranty is applicable to all SIP Air Compressors. In addition SIP has a network of over 100 service agents throughout the U.K. for the effective after care of these units.

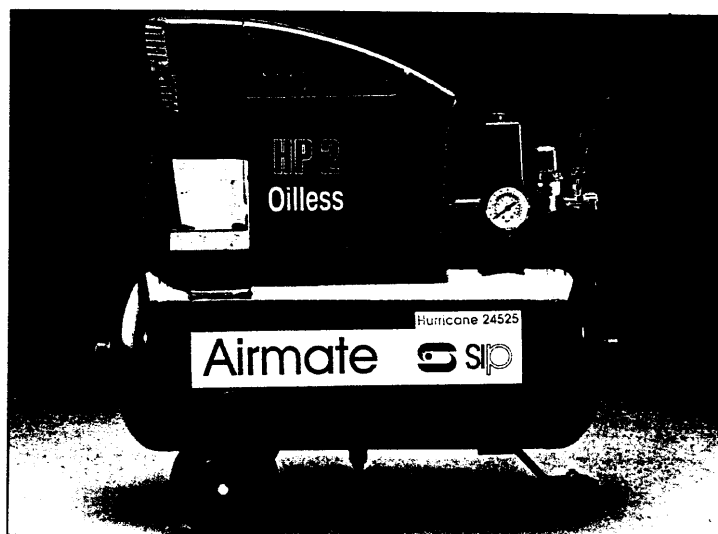


SIP Hurricane 21525, 24525, 24550

# Airmate Oil-Free



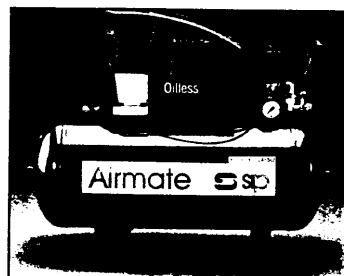
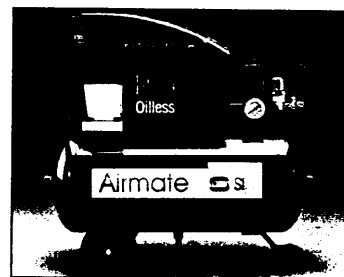
361 9059 = 01646



**S**IP Oil - Free compressors are ideal for uses where an oil - free air supply is essential and offer the following benefits:

Clean air (no oil contamination), simplified construction means better reliability, virtually maintenance free, improved portability (less weight), no possibility of oil leaks, lower noise levels.

- The Hurricane 21525 Oil - free compressor is a wheel mounted unit featuring a European Standard 25 litre receiver. Its high specification (7.5 CFM) from the powerful 1.5HP motor combined with less maintenance and no need for lubrication makes this an ideal unit for the workshop, garage, business or home use. The Hurricane also features a fully automatic pressure switch and a regulator fitted with two gauges to measure receiver and output pressure.
- The Hurricane 24525 and 24550 are powerful 2 HP oil - free units which combine big 9 CFM displacement and high performance with all the benefits of oil - free. Operating from a standard domestic supply these units are ideal for the semi professional user in the workshop, garage or home. These units are operated by a fully automatic pressure switch (max pressure 118 psi) and feature pressure regulator and twin gauges, to measure both tank and output pressure. The Hurricane 24550 has a 50 litre receiver giving it the benefit of greater air storage.

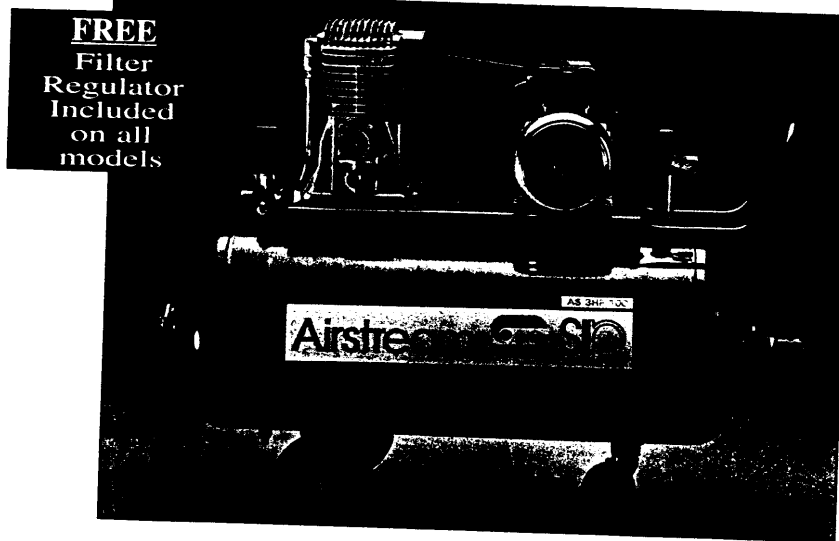
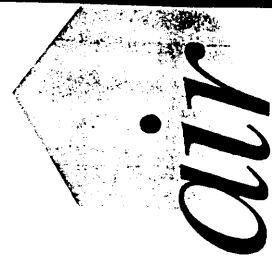


MODEL	HURRICANE 21525	HURRICANE 24525	HURRICANE 24550
ITEM NO	01646	01640	01641
PISTON DISP. L/MIN	213	255	255
PISTON DISP. CFM	7.5	9	9
F.A.D. L/MIN	140	170	170
F.A.D. CFM	5.0	6	6
HP	1.5	2	2
PHASE	1	1	1
R.P.M	2800	2800	2800
NO. CYLINDERS	1	1	1
NO. STAGES	1	1	1
MAX. PRESSURE BAR	8	8	8
MAX. PRESSURE PSI	118	118	118
RECEIVER CAPACITY LITRES	25	25	50
PACKED DIMENSIONS (HxWxL) MM	590x275x600	590x275x600	720x380x830
WEIGHT KGS	21	23	31

SIP AS2.5HP/50, AS2.5HP/100, AS3HP/50, AS3HP/100,  
AS3HP/150, AS3HP/200 Professional

714 7557 = 2045

# Airstream



**HEAVY  
DUTY  
MOTOR**

**CAST IRON  
CYLINDER LINERS**

The SIP Professional Airstream range of air compressors is a sturdily constructed line up of belt driven models designed for use in factories, farms, workshops, garages, etc where highly reliable daily use is essential.

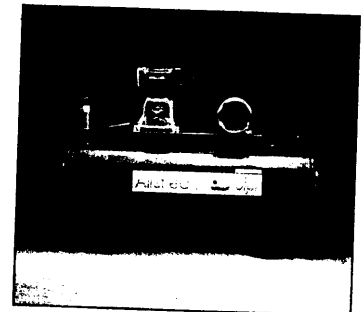
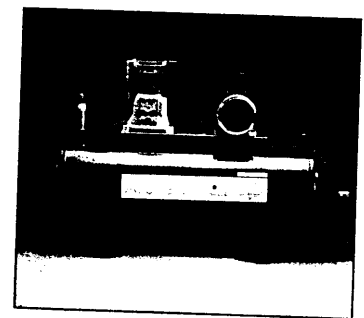
The AS2.5HP/50, AS2.5HP/100, AS3HP/50 and 3HP/100 are wheel mounted (and fitted with a pressure regulator) for maximum mobility. The other models are stationary units and also produced to the highest standards.

All models feature cast iron cylinder liners for maximum wear resistance and longer life, air receivers are built to the latest EEC requirements, heavy duty special UK specification motors (totally enclosed fan cooled - continuously rated) and special belt guards which channel cool air over the pump to maximise reliability and efficiency.

Maximum working pressure on all these quality units is 150 psi and every machine features automatic on/off pressure switch control and fitted filter regulator.

All models come with a full 12 months warranty. Excellent back up is ensured by our comprehensive SIP service agent network.

Anti vibration mounts must be used on all stationary compressors.



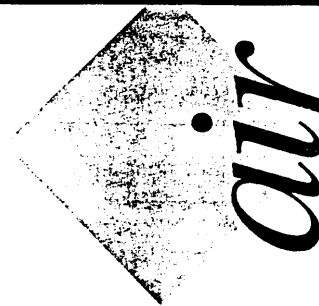
MODEL	AS2.5HP/50	AS2.5HP/100	AS3HP/50	AS3HP/100	AS3HP/150	AS3HP/200
ITEM NO.	02031 (1 PH)	02032 (1 PH)	02025 (1 PH)	* 02045 (1 PH)	02030 (1 PH)	02037 (1 PH)
PISTON DISP. L/MIN	300	300	400	400	400	400
PISTON DISP. CFM	10.5	10.5	14	14	14	14
F.A.D. L/MIN	200	200	255	255	255	255
F.A.D. CFM	7.0	7.0	9.0	9.0	9.0	9.0
HP	2.5	2.5	3	3	3	3
PHASE	1 - 13A	1 - 13A	1 - 15A	1 - 15A	1 - 15A	1 - 15A
R.P.M	1450	1450	1420	1420	1420	1420
NO. CYLINDERS	2	2	2	2	2	2
NO. STAGES	1	1	1	1	1	1
MAX. PRESSURE BAR	10.5	10.5	10.5	10.5	10.5	10.5
MAX. PRESSURE PSI	150	150	150	150	150	150
RECEIVER CAPACITY LITRES	50	100	50	100	150	200
PACKED DIMENSIONS (HxWxL) MM	770x420x850	850x420x1180	740x390x930	800x390x1070	1050x435x1380	1100x450x1500
WEIGHT KGS	49	68	52	69	77	96

# A I R S T R E A M

SIP Workshop 280/50, 280/100, 420/50, 420/100, 420/150,  
420/200, 490/150, 490/200 Industrial

\* 3288948

# Workshop



**INDUSTRIAL**  
Made in UK



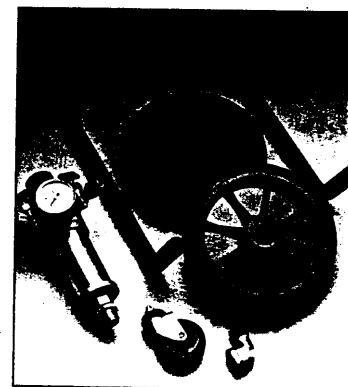
**MOTORS BY**  
**BROOK Hansen**  
POWERFUL  
CONNECTIONS

**OVER 100**  
**SIP**  
SERVICE AGENTS  
NATIONWIDE

Every unit in the Workshop series has been designed to meet the exacting standards demanded by professionals in every sector of industry, agriculture and automotive refinishing. The units are produced in the U.K. at our air compressor production division in the Midlands. They are air cooled single stage belt driven machines. Powered by a single or three phase British made electric motor. Their twin cylinder pumps combine the rapid heat dissipation properties of an aluminium alloy mainframe, with the strength and durability of cast iron cylinder liners.

Each compressor is manufactured to the highest quality, individually tested and mounted on air receivers certified to the latest safety standards. The units are supplied complete and incorporate thermal overload protection. Standard equipment includes an automatic pressure switch, oil level indicator, non return valve, pressure gauge, condensate drain tap, outlet valve, air intake filter with cleanable element and a full 12 months warranty. All single phase units incorporate a twin capacitor start and run feature to ensure trouble free operation. Options available to compliment these compressors are wheel kits for easier mobility or anti vibration mountings which are recommended for use with all SIP stationary compressors. Excellent service back up is ensured by our comprehensive distributor network and over 100 service agents nationwide. 110 volt models are also available.

Anti vibration mounts must be used on all stationary compressors.



**CAST IRON**  
CYLINDER LINERS

**110V**  
AVAILABLE

MODEL	280/50	280/100	420/50	420/100	420/150	420/200	490/150	490/200
ITEM NO	01671 (1 PH) 01691 (3 PH)	01710 (1 PH) 01730 (3 PH)	01780 (1 PH) 01788 (3 PH) 01786 (110V)	01795 (1 PH) 01797 (3 PH) 01798 (110V)	01790 (1 PH) 01810 (3 PH) 01793 (110V)	01830 (1 PH) 01850 (3 PH)	* 01863 (1 PH) 01867 (3 PH)	01864 (1 PH) 01868 (3 PH)
110V STARTING KVA	-	-	20	20	20	-	-	-
PISTON DISP. L/MIN	280	280	420	420	420	420	490	490
PISTON DISP. CFM	10	10	15	15	15	15	17.5	17.5
F.A.D. L/MIN	190	190	283	283	283	283	350	350
F.A.D. CFM	6.7	6.7	10.2	10.2	10.2	10.2	12.5	12.5
HP	2.0	2.0	3.0	3.0	3.0	3.0	3.5	3.5
PHASE	1/3	1/3	1/3 - 15A/5A	1/3 - 15A/5A	1/3 - 15A/5A	1/3 - 15A/5A	1/3 - 15A/5A	1/3 - 15A/5A
R.P.M	1429	1429	1167	1167	1167	1167	1270	1270
NO. CYLINDERS	2	2	2	2	2	2	2	2
NO. STAGES	1	1	1	1	1	1	1	1
MAX. PRESSURE BAR	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
MAX. PRESSURE PSI	150	150	150	150	150	150	150	150
RECEIVER CAPACITY LITRES	50	100	50	100	150	200	150	200
PACKED DIMENSIONS (HxWxL) MM	800x400x1110	900x400x1250	860x400x1110	950x400x1250	1020x480x1470	1040x480x1600	1020x480x1470	1040x480x1600
WEIGHT KGS	56	72	67	83	97	111	98	112

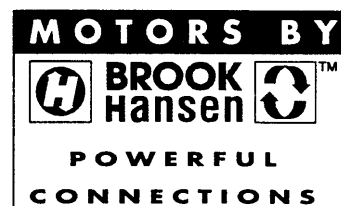
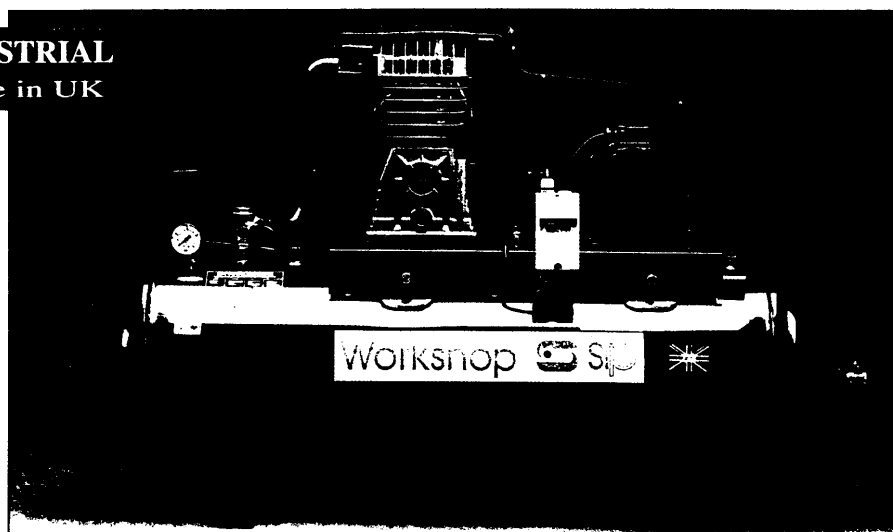
\* 32 88950

SIP Workshop 520/200, 740/200, 850/200,  
850/300T Industrial

# Workshop



**INDUSTRIAL**  
Made in UK



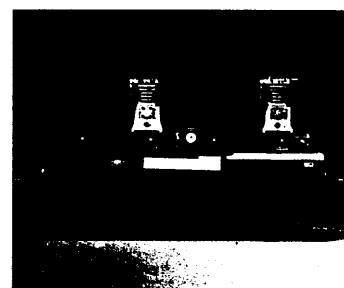
**T**hese units have been designed especially for professionals, whether in industry, agriculture or automotive refinishing. They are highly efficient air cooled compressors, capable of delivering high volumes of air at the lowest possible temperatures.

All units are of the highest quality and are manufactured at our U.K. production plant. Their twin cylinder pumps combine the excellent fast cooling properties of aluminium with the durability and reliability of cast iron cylinder liners. Driven by heavy duty low current drawing British electric motors.

Every unit is designed for the upmost in quality and reliability with performance guaranteed. All comply with the latest relevant standards (receiver certified), and are pre-wired to a starter with overload protection. Also available and particularly useful to businesses who do not have 3 phase supply is the 850/300T Tandem compressor which is driven by two single phase motors. This unit gives exceptionally high output from a single phase supply and comes mounted on a substantial 272 litre receiver complete with Tandem Starter unit. Standard equipment includes automatic pressure switch, oil level indicator, non return valve, pressure gauge, condensate drain tap, outlet valve, air intake filter with cleanable elements and a full 12 months warranty.

Options available to compliment these compressors are wheel kits (up to 200 litres) for easier mobility or anti vibration mountings which are necessary for use with all SIP stationary compressors. Excellent service back up is ensured by our comprehensive distributor network and over 100 service agents nationwide.

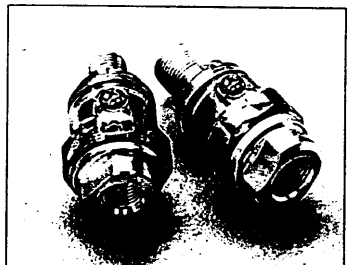
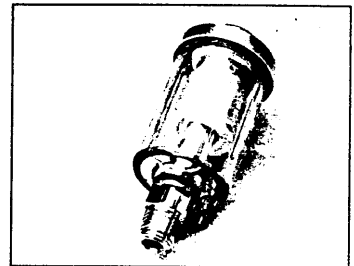
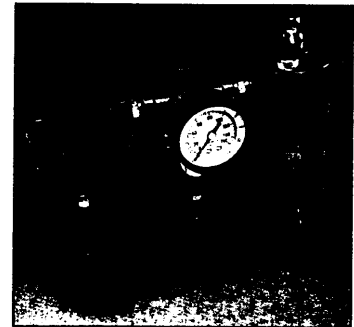
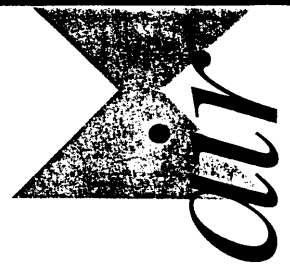
**Anti vibration mounts must be used on all stationary compressors.**



MODEL	520/200	740/200	850/200	850/300T
ITEM NO	01870	* 01910	01945	01930
PISTON DISP. L/MIN	566	713	849	840
PISTON DISP. CFM	20	25.2	30	30
F.A.D. L/MIN	410	566	665	566
F.A.D. CFM	14.5	20	23.5	20.4
HP	4.0	5.5	7.5	3+3
PHASE	3 - 15A	3 - 20A	3 - 20A	1 - 30A
R.P.M	1435	1362	1381	1167
NO. CYLINDERS	2	2	2	2+2
NO. STAGES	2	2	2	1+1
MAX. PRESSURE BAR	10.5	10.5	10.5	10.5
MAX. PRESSURE PSI	150	150	150	150
RECEIVER CAPACITY LITRES	200	200	200	272
PACKED DIMENSIONS (HxWxL) MM	1060x480x1600	1160x530x1620	1160x530x1620	1140x560x1960
WEIGHT KGS	121	135	176	176

W O R K S H O P S

# Accessories



- **WHEEL KITS:** Available for Workshop models up to 850/200 consisting of wheels, handle and quality outlet filter regulator. Also available for Airstream models (no regulator or handle included)
- **FILTER REGULATOR:** High quality for air regulation and the removal of moisture. With twin outlet taps, pressure control knob and highly efficient sintered bronze filter. Robust construction. Outlet pressure up to 150 PSI.
- **1/4" AIR CONTROL UNIT:** Filter/Regulator/Lubricator unit - ideal in line combination unit. Excellent for preparing the air for air tools etc. Integral pressure gauge. Lubricator injects airtool lubricating oil. 1/4" BSP inlet/outlet.
- **WATER SEPARATOR:** Allows spray painter to remove useful amounts of moisture from airline.
- **IN-LINE DRYER:** Contains dessicant to remove moisture. Changes colour when exhausted.
- **IN-LINE OILER:** Excellent for adding air tool oil to air flow. Use with SIP Air Tool Oil for best results.
- **ANTI VIBRATION MOUNTINGS:** Recommended for use with all SIP stationary air compressors. Designed to reduce noise and potential vibration. Available in sets of 3 or 4. Anti vibration mounts must be used on all stationary compressors.
- **COMPRESSOR OIL:** Specialist compressor oil. Meets all the demands of modern reciprocating compressors. Features high viscosity index, low carbon forming tendencies, good resistance to oxidation up to 220 C. good anti corrosion and anti rust performance. Conforms to VC - L of DIN 51352 and DIN 51506 standards. Available in 1, 5 and 25 litre containers.

DESCRIPTION	WHEEL KIT	WHEEL KIT	WHEEL KIT	WHEEL KIT	FILTER / REG	FILTER / REG
MODEL	50/100 LITRE TANK	150 LITRE TANK	200 LITRE TANK	150/200 AIRSTREAM	MIDI	MAXI 12
ITEM NO	02050	02055	02060	02057	02080	02085
FITTING					3/8" LOWER	1/2" LOWER

DESCRIPTION	FILTER / REG	FILTER / REG	WATER SEPARATOR	IN LINE DRYER	IN LINE OILER	IN LINE OILER
MODEL	MAXI 38	AIR CONTROL UNIT				
ITEM NO	02090	07489	07561	07564	07562	07563
FITTING	1/2" REAR	1/4"	1/4"	1/4"	1/4"	3/8"

DESCRIPTION	COMP. OIL	COMP. OIL	COMP. OIL	ANTI VIB MOUNTING	ANTI VIB MOUNTING	ANTI VIB MOUNTS
MODEL	1 LITRE	5 LITRE	25 LITRE	SET OF 3	SET OF 4	(OVER 250KG)
ITEM NO	02350	02352	02354	02356	02358	SET OF 4
						02359

# Components

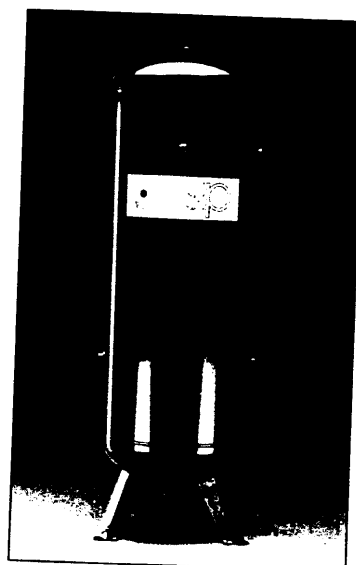
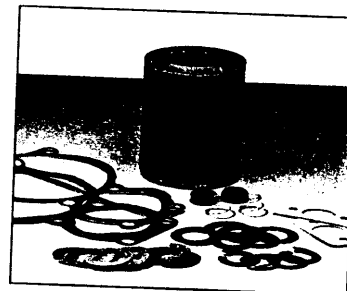
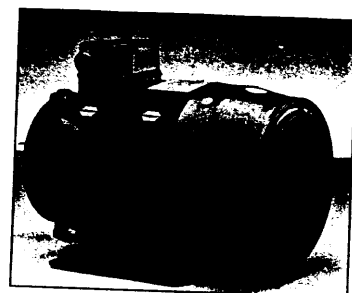
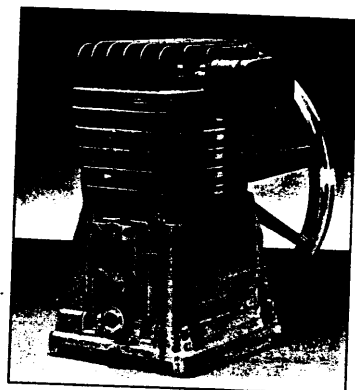


**COMPRESSOR UNITS:** A uniquely designed range of pumps combine the excellent fast cooling properties of aluminium alloy mainframe with the strength of cast iron cylinder liners. This produces high volume free air delivery, ease of servicing and performance that is second to none.

**ELECTRIC MOTORS:** Built to exacting standards, drawing low starting and running currents and incorporating the added facility of capacitor start / capacitor run on all single phase models.

**AIR RECEIVERS:** Manufactured and hydraulically tested. All pressure vessels are individually certified. Vertical receivers built to EEC specifications also available.

**MAINTENANCE KITS:** Comprising valve assembly, gaskets, air filter, non return valve pastilles, valve springs and discs.  
(Depending on model - Please check before ordering).



COMPRESSOR UNITS							
DESCRIPTION	DISP. L/MIN	CFM	FAD L/MIN	PUMP UNIT COMPLETE WITH FLY WHEEL			
				MOTOR HP	WEIGHT KG	ITEM NO	
F 280	280	10	190	6.7	2	7.5	02182
F 400	400	14	255	9	3	9	02188
F 420	420	15	283	10.2	3	9.5	02191
F 520	566	20	410	14.5	4	15	02194
F 740	713	25.2	566	20.0	5.5	17.5	02197
F 850	849	30	665	23.5	7.5	28.9	02202
F 1200	1135	40.1	906	32	10	39	02204
F 1700	1410	50	1128	40	15	69	02196
F 2450	2540	90	1918	68	20	120	02198
BASE UNITS - SADDLE MOUNTED		ITEM NO			EUROPEAN ELECTRIC MOTORS		
BU 20 (2HP - 10CFM)	02260			2 HP	1 PHASE	2 POLE	02207
BU 30 (3HP - 15CFM)	02265			3 HP	1 PHASE	2 POLE	02208
BU 55 (5.5HP - 25.2CFM)	02270			5.5 HP	3 PHASE	2 POLE	02209
BU75 (7.5HP - 30CFM)	02275			7.5 HP	3 PHASE	2 POLE	02216
BU 80PH (8HP PETROL) - 25.2CFM)	02277			10 HP	3 PHASE	2 POLE	02217

**MOTORS BY**

**BROOK Hansen**

**POWERFUL CONNECTIONS**

BRITISH ELECTRIC MOTORS							
DESCRIPTION	POWER HP	KW	RPM	WEIGHT KG	ITEM NO		
1 PHASE 2 POLE* MS 102	1	0.74	2810	10	02210		
1 PHASE 2 POLE* MS 152	1.5	1.10	2710	12	02215		
1 PHASE 2 POLE* MS 202	2	1.50	2730	15	02220		
1 PHASE 2 POLE* MS 302	3	2.20	2760	17	02225		
1 PHASE 2 POLE* MS 302 - 110V	3	2.20	2870	17	02228		
1 PHASE 2 POLE* MS 352	3.5	2.60	2870	17	02229		
3 PHASE 2 POLE MT 202	2	1.50	2835	13	02230		
3 PHASE 2 POLE MT 302	3	2.20	2865	16	02235		
3 PHASE 2 POLE MT 402	4	3.00	2875	22	02240		
3 PHASE 2 POLE MT 552	5.5	4.00	2870	29	02245		
3 PHASE 2 POLE MT 752	7.5	5.50	2860	35	02250		
3 PHASE 2 POLE MT 1002	10	7.50	2875	60	02255		
3 PHASE 2 POLE MT 1502	15	11.00	2890	70	02253		
3 PHASE 2 POLE MT 2002	20	15.00	2930	80	02254		
1 PHASE 4 POLE* MS 104	1	0.74	1370	10	02360		
1 PHASE 4 POLE* MS 154	1.5	1.10	1380	13	02365		
1 PHASE 4 POLE* MS 204	2	1.50	1380	14	02370		
1 PHASE 4 POLE* MS 304	3	2.20	1370	18	02375		

COMPRESSOR ENGINES			ITEM NO
B+S VP 3.5HP PETROL-3/4" PARALLEL SHAFT			02371
B+S VP 5.0HP PETROL-3/4" PARALLEL SHAFT			02372
B+S VP 8.0HP PETROL-1" PARALLEL SHAFT			02373
HONDA GX120 4.0HP PETROL-3/4" PARALLEL SHAFT			02377
HONDA GX160 5.5HP PETROL-3/4" PARALLEL SHAFT			02379
HONDA GX240 8.0HP PETROL-1" PARALLEL SHAFT			02381

DIESEL ENGINES ALSO AVAILABLE

WORKSHOP AIR RECEIVERS (WITHOUT SADDLE)			ITEM NO
DESCRIPTION	CAP. LTRS		
T 50 (FOR ELECTRIC MODELS)	50		02285
T50 (FOR PETROL MODELS)	50		02286
T100 (FOR ELECTRIC MODELS)	100		02290
T100 (FOR PETROL MODELS)	100		02291
T110 (FOR PETROL/DIESEL MODELS - c/w SADDLE)	110		02292
T150 (FOR ELECTRIC MODELS)	150		02295
T150 (FOR PETROL MODELS)	150		02296
T200 (FOR 420 & 520 WORKSHOP)	200		02300
T200 (FOR 740 & 850 WORKSHOP)	200		02301
T250	250		02305
T300 (FOR 850/300T WORKSHOP)	272		02306
T300 (c/w WELDED SADDLE)	272		02303
V300 (VERTICAL)	272		02318
V500 (VERTICAL)	500		02319

MAINTENANCE / SERVICE KITS			ITEM NO
F215 TORNADO MAINTENANCE KIT			02061
F225 NIMBUS MAINTENANCE KIT (Pre '94)			02063
F225 NIMBUS MAINTENANCE KIT (Post '94)			02081
F220/245 TORNADO/NIMBUS MAINTENANCE KIT ('95 on)			02083
V400 MAINTENANCE KIT			02078
V405 MAINTENANCE KIT			02077
F280 MAINTENANCE KIT			02065
F400 MAINTENANCE KIT			02079
F420 MAINTENANCE KIT			02067
F520 MAINTENANCE KIT			02069
F740 MAINTENANCE KIT			02071
F 850 MAINTENANCE KIT			02073
F1200 MAINTENANCE KIT (Pre '94)			02074
F1200 MAINTENANCE KIT (Post '94)			02082
F1700/2400 MAINTENANCE KIT			02076

\*ALL 1 PHASE MOTORS ARE CAPACITOR START/RUN