

THE PRODUCT

AIE Cast Iron, Low Speed, Heavy Duty Air Compressors are manufactured using high precision modern production methods.

Reliable, durable, quality compressors, engineered to meet the specific requirements of almost every industrial and motor trade user.

THE COMPRESSOR

Manufactured from robust cast iron with large disc type valves made from Swedish steel. Standard equipment on all models includes:-

- head unloaders for continuous running operation
- dynamically balanced crankshaft forged from high tensile alloy steel.

- extra large oil capacity with oil level sight glass
- precision machined cylinder walls ensuring reduced friction and wear
- easily maintained high quality ball bearings or tapered roller bearings.

STANDARD FEATURES

- Large intake filter silencer, safety valve, pressure gauge, service valve and air receiver drain tap.
- Reliable belt drive.
- Air receivers manufactured to latest British and European Standard BSEN286.

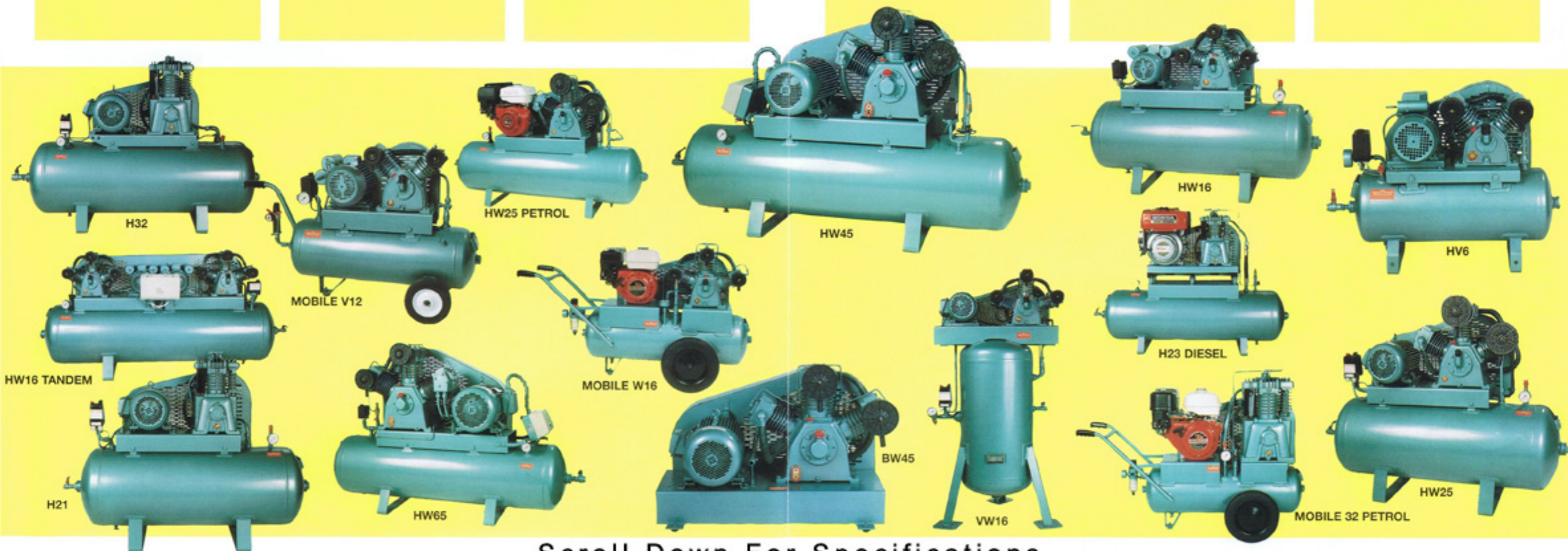
CONTROLS

Standard control on models HV6 - H32 is automatic stop/start. Models HW45 - HW85 all supplied with dual control.

ENGINE DRIVEN UNITS

Fitted with reliable, easy start Petrol or diesel engines. Electric start optional.

**NATIONWIDE SALES
AND SERVICE THROUGH
AUTHORISED SERVICE
AGENTS**



Scroll Down For Specifications

COOLING FEATURES

The smooth vibration free operation of the balanced flywheel, together with the aerofoil style spokes, ensures a powerful, continuous supply of cooling air to all compressor parts.

Quick cooling of the cylinder heads is achieved by the design of deep directional fins and compact streamlined air passages.

These allow a fast, efficient flow of intake air and rapid removal of discharge air.

MOTOR AND DRIVE

Electric driven models are fitted with a totally enclosed fan ventilated metric frame motor, slide mounted for easy veebelt adjustment.

STARTERS/OVERLOADS

These are fitted and wired to all electric driven receiver mounted models up to 15HP in compliance with electrical regulations.

ELECTRICAL SUPPLY

Models up to and including 4HP are available in either 1 Phase or 3 Phase. Models of 5.5HP and above are available in 3 Phase only. Standard Voltages are 240V 1 Phase and 415V 3 Phase 50Hz. Non-Standard Voltages available to order.

BASE UNITS

Many Models can be supplied Base Mounted to suit your requirements. A range of free standing Vertical Receivers are also available.

WARRANTY

All our compressors are guaranteed for 12 months from date of purchase, provided they are correctly selected, installed and maintained.

**SPECIAL COMPRESSORS
BUILT TO ORDER**

QUALITY BRITISH BUILT



SPECIFICATION

STATIONARY HORIZONTAL RECEIVER MOUNTED COMPRESSORS

Model	Power HP	KW	Displacement		RPM	Maximum Working Pressure		Cylinder Stage	FAD @ 100 PSI (7 Bar)		Air Receiver Capacity Litres	Overall Dimensions (cm)			Approx Weight Kg
			CFM	l/min		PSI	Bar		CFM	l/min		L	W	H	
HV6	1	.75	5.5	155	900	150	10.3	2/1	3.74	105	30	69	30	62	55
HV8	1.5	1.1	7.8	220	1050	150	10.3	2/1	4.9	140	50	100	34	65	67
HV12	2	1.5	11	310	1050	150	10.3	2/1	7.4	210	100	122	38	83	94
HV16	3	2.2	16	455	950	150	10.3	3/1	10.6	300	150	140	44	93	113
HV16 Tandem	3+3	2.2	32	910	950	150	10.3	6/1	21.2	600	270	195	63	95	218
		2.2													
H21	4	3	21	595	1100	150*	10.3	2/2	14.7	415	200	147	52	110	172
H23	5.5	4	22.8	645	1250	150▲	10.3	2/2	16.6	470	200	147	52	125	189
HW25	5.5	4	23	650	950	150*	10.3	3/2	17.2	485	200	147	48	112	215
H32	7.5	5.5	31	880	1250	150▲	10.3	2/2	24.5	695	270	197	57	115	241
HW45	10	7.5	41	1160	860	150*	10.3	3/2	31	880	270	197	61	117	319
HW50	10	7.5	46	1360	860	150	10.3	3/1	33	935	270	197	61	117	319
HW65	15	11	60	1700	860	150*	10.3	3/2	46.4	1315	270	197	66	126	433
HW85	15	11	82.5	2335	860	150	10.3	3/1	54	1530	270	197	66	127	437

*Available up to 200 PSI WP (13.6 Bar). ▲high pressure available up to 265 PSI WP= 18 Bar.

VERTICAL RECEIVER MOUNTED COMPRESSORS

Model	Power HP	KW	Displacement		RPM	Maximum Working Pressure		Cylinder Stage	FAD @ 100 PSI (7 Bar)		Air Receiver Capacity Litres	Overall Dimensions (cm)			Approx Weight Kg
			CFM	l/min		PSI	Bar		CFM	l/min		L	W	H	
VV8	1.5	1.1	7.8	220	1050	150	10.3	2/1	4.9	140	75	60	40	125	105
VV12	2	1.5	11	310	1050	150	10.3	2/1	7.4	210	75	60	40	128	115
VV16	3	2.2	16	455	950	150	10.3	3/1	10.6	300	150	78	70	157	132
V21	4	3	21	595	1100	150	10.3	2/2	14.7	415	150	78	70	167	157
VW25	5.5	4	23	650	950	150	10.3	3/2	17.2	485	150	78	70	170	200

MOBILE UNITS WITH WHEELS, HANDLE AND FILTER REGULATOR

Model	Power HP	KW	Displacement		RPM	Maximum Working Pressure		Cylinder Stage	FAD @ 100 PSI (7 Bar)		Air Receiver Capacity Litres	Overall Dimensions (cm)			Approx Weight Kg
			CFM	l/min		PSI	Bar		CFM	l/min		L	W	H	
MOBILE 8 Electric	1.5	1.1	7.8	220	1050	150	10.3	2/1	4.9	140	50	103	39	82	69
MOBILE 8 Petrol	4	-													62
MOBILE V12 Electric	2	1.5	11	310	1050	150	10.3	2/1	7.4	210	50	103	39	79	79
MOBILE V12 Petrol	4	-													75
MOBILE W16 Electric	3	2.2	16	455	950	150	10.3	3/1	10.6	300	65	137	51	85	92
MOBILE W16 Petrol	5.5	-													92
MOBILE 23 Diesel	6	-	22.8	645	1250	150	10.3	2/2	16.6	450	65	137	51	93	168
MOBILE 23 Petrol	9	-													139
MOBILE 32 Diesel	9	-	31	880	1250	150	10.3	2/2	24.5	695	65	138	53	103	178
MOBILE 32 Petrol	11	-													155

We are manufacturers and suppliers of the following compressors:-

- rotary screw 5-200 HP pressures to 15 Bar
- air cooled 3-15 HP pressures to 30 Bar
- water cooled 10-150 HP pressures to 20 Bar
- oil free 10-150 HP pressures to 10 Bar
- silenced cabinet and receiver mounted

Our policy is one of continuous improvement and the Company reserves the right to alter designs, colours and specifications without notice.

E&OE