



**The next generation of low
and maintenance-free
compressed air solutions.**

Rotary Screw Compressors



Rotary Screw Compressors

Increased Performance. Reduced Energy Consumption. Legendary Reliability.

The ABAC Rotary Screw Compressor is an ideal solution for automotive and industrial applications where there is continuous demand for dependable compressed air.



Key Features

- // Market Leading Power & Technology
- // High Performance with Low Energy Consumption
- // Smart & Reliable Digital Controller
- // User Friendly Operation
- // Low Noise & Vibration Levels



Automotive Applications



Industrial Applications

AS-3D

The AS-3D features the latest air-end technology and a fully integrated aluminum block to maximize productivity and efficiency. An environmentally sustainable design allows for reduced energy costs and decreased CO₂ emissions. The AS-3D also features a highly dependable and easy to maintain direct drive transmission as well as an optimized cooling system.

Applications

Suitable for professional applications from wood/metalworking to auto body repair, as well as general use with a wide range of pneumatic tools.



Hammering



Air / Water Spraying



Grinding



Precision Assembly



Fastening



Orbital Sanding



Key Features

- // Fully Integrated Aluminum Block
- // Optimized Cooling System
- // Portable, Highly Maneuverable Corded Unit
- // Highly Reliable & Easy to Maintain Direct Drive Transmission

Model	Part Number	Gallon	HP	Max PSI	Power Supply (V/Ph/Hz)	CFM*	dB(A)	Weight (Lbs.)	L x W x H (in)
AS-3D124W	4152044109	24	3	130	230/1/60	11.3	59	260	44 × 19 × 43
AS-3D152W	4152044110	52	3	130	230/1/60	11.3	59	363	56 × 24 × 50
AS-3D152	4152044111	52	3	130	230/1/60	11.3	59	363	56 × 18 × 46
AS-3D324W	4152044112	24	3	130	230/3/60	11.3	59	260	44 × 19 × 43
AS-3D352W	4152044113	52	3	130	230/3/60	11.3	59	363	56 × 24 × 50
AS-3D352	4152044114	52	3	130	230/3/60	11.3	59	363	56 × 18 × 46

* Unit performance measured according to ISO1217, Annex C, CFM figures quoted at 123 PSI.
 ** Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).

AS-B 5-20 HP

The AS-B 5-20 HP is the all-in-one compressor—Compressor, Receiver, and Dryer. Key features include a fully integrated aluminum block, eco-friendly vertical oil separation technology, and an energy efficient motor. In addition to this, a state-of-the-art air-end design ensures limited air loss, high energy efficiency, longevity, and limited noise and vibrations. Available in a variety of configurations-base mount, tank mount, and tank mount with dryer-allows for a unique and tailored application designed for your specific needs.

Applications

Suitable for professional and industrial applications needing a reliable and continuous air supply, where operating conditions are challenging.



Heavy assembly



Production line assembly



Cleaning and preparation

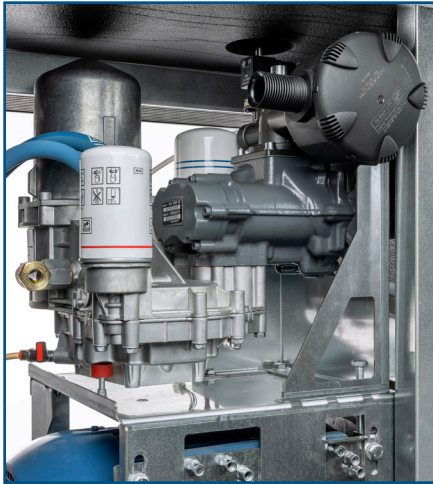
AS-B 5-20 HP Overview

- // 3-in-1 System Including Compressor, Dryer, and Receiver
- // High Performance with Low Energy Consumption
- // Low Oil Consumption & CO₂ Emissions
- // Eco-friendly Vertical Oil Separation Technology
- // Market Leading Power & Technology



Intuitive Controller Allows Users to Effortlessly Optimize Operating Performance





// Oil Filtration



// Oil Level Check



// Easy Maintenance

AS-B 5-20 Innovation

- // New Integrated Block: Innovative Design Made of Aluminum
- // 3-Stage Vertical Oil Separation Process
- // Reduced Risk of Condensation Build Up & Corrosion

Key Features

- // High Performance with Low Energy Consumption
- // Smart & Reliable Intuitive Digital Controller
- // User Friendly Operation
- // Low Noise & Vibration Levels
- // Limited Air Loss Due to Compact Size & Advanced Design
- // Simple, Quick & Easy Maintenance



AS-B 5

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-5251BM	4152044115	BM	5	125	230/1/60	20.3	63	335	32 x 24 x 40
AS-5253BM	4152043883	BM	5	125	208-230-460/3/60	20.3	63	335	32 x 24 x 40
AS-5501BM	4152044116	BM	5	150	230/1/60	17.4	63	335	32 x 24 x 40
AS-5503BM	4152043884	BM	5	150	208-230-460/3/60	17.4	63	335	32 x 24 x 40
AS-5251TM	4152044119	71	5	125	230/1/60	20.3	63	485	56 x 23 x 55
AS-5253TM	4152043889	71	5	125	208-230-460/3/60	20.3	63	485	56 x 23 x 55
AS-5501TM	4152044120	71	5	150	230/1/60	17.4	63	485	56 x 23 x 55
AS-5503TM	4152043890	71	5	150	208-230-460/3/60	17.4	63	485	56 x 23 x 55
AS-5251TMD	4152044125	71	5	125	230/1/60	20.3	63	571	56 x 23 x 55
AS-5253TMD	4152043899	71	5	125	208-230-460/3/60	20.3	63	571	56 x 23 x 55
AS-5501TMD	4152043899	71	5	150	230/1/60	17.4	63	571	56 x 23 x 55
AS-5503TMD	4152043900	71	5	150	208-230-460/3/60	17.4	63	571	56 x 23 x 55

AS-B 7.5

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-7.5251BM	4152044117	BM	7.5	125	230/1/60	30.5	67	360	32 x 24 x 40
AS-7.5253BM	4152043885	BM	7.5	125	208-230-460/3/60	30.5	67	360	32 x 24 x 40
AS-7.5501BM	4152044118	BM	7.5	150	230/1/60	27.1	67	360	32 x 24 x 40
AS-7.5503BM	4152043886	BM	7.5	150	208-230-460/3/60	27.1	67	360	32 x 24 x 40
AS-7.5251TM	4152044121	71	7.5	125	230/1/60	30.5	67	507	60 x 23 x 57
AS-7.5253TM	4152043891	71	7.5	125	208-230-460/3/60	30.5	67	507	60 x 23 x 57
AS-7.5501TM	4152044122	71	7.5	150	230/1/60	27.1	67	507	60 x 23 x 57
AS-7.5503TM	4152043892	71	7.5	150	208-230-460/3/60	27.1	67	507	60 x 23 x 57
AS-7.5251TM	4152044123	132	7.5	125	230/1/60	30.5	67	655	76 x 24 x 63
AS-7.5253TM	4152043893	132	7.5	125	208-230-460/3/60	30.5	67	655	76 x 24 x 63
AS-7.5501TM	4152044124	132	7.5	150	230/1/60	27.1	67	655	76 x 24 x 63
AS-7.5503TM	4152043894	132	7.5	150	208-230-460/3/60	27.1	67	655	76 x 24 x 63
AS-7.5251TMD	4152044127	71	7.5	125	230/1/60	30.5	67	593	60 x 23 x 57
AS-7.5253TMD	4152043901	71	7.5	125	208-230-460/3/60	30.5	67	593	60 x 23 x 57
AS-7.5501TMD	4152044128	71	7.5	150	230/1/60	27.1	67	593	60 x 23 x 57
AS-7.5503TMD	4152043902	71	7.5	150	208-230-460/3/60	27.1	67	593	60 x 23 x 57
AS-7.5251TMD	4152044129	132	7.5	125	230/1/60	30.5	67	741	76 x 24 x 63
AS-7.5253TMD	4152043903	132	7.5	125	208-230-460/3/60	30.5	67	741	76 x 24 x 63
AS-7.5501TMD	4152044130	132	7.5	150	230/1/60	27.1	67	741	76 x 24 x 63
AS-7.5503TMD	4152043904	132	7.5	150	208-230-460/3/60	27.1	67	741	76 x 24 x 63

* Unit performance measured according to ISO1217, Annex C. CFM figures quoted at 109 PSI for 125 PSI Max units and 138 PSI for 150 PSI Max units.
 ** Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).

AS-B 10

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-10253BM	4152043887	BM	10	125	208-230-460/3/60	36.4	69	419	32 x 24 x 40
AS-10503BM	4152043888	BM	10	150	208-230-460/3/60	34.1	69	419	32 x 24 x 40
AS-10253TM	4152043895	71	10	125	208-230-460/3/60	36.4	69	567	60 x 23 x 57
AS-10503TM	4152043896	71	10	150	208-230-460/3/60	34.1	69	567	60 x 23 x 57
AS-10253TMD	4152043897	132	10	125	208-230-460/3/60	36.4	69	714	76 x 24 x 63
AS-10503TMD	4152043898	132	10	150	208-230-460/3/60	34.1	69	714	76 x 24 x 63
AS-10253TMD	4152043905	71	10	125	208-230-460/3/60	36.4	69	653	60 x 27 x 57
AS-10503TMD	4152043906	71	10	150	208-230-460/3/60	34.1	69	653	60 x 27 x 57
AS-10253TMD	4152043907	132	10	125	208-230-460/3/60	36.4	69	800	76 x 24 x 63
AS-10503TMD	4152043908	132	10	150	208-230-460/3/60	34.1	69	800	76 x 24 x 63

AS-B 10S

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-10S253BM	4152043909	BM	10S	125	208-230-460/3/60	39.8	65	454	37 x 28 x 40
AS-10S503BM	4152043910	BM	10S	150	208-230-460/3/60	35.6	65	454	37 x 28 x 40
AS-10S753BM	4152043911	BM	10S	175	208-230-460/3/60	29.9	65	454	37 x 28 x 40
AS-10S253TM	4152043918	132	10S	125	208-230-460/3/60	39.8	65	750	76 x 27 x 62
AS-10S503TM	4152043919	132	10S	150	208-230-460/3/60	35.6	65	750	76 x 27 x 62
10S753TM	4152043920	132	10S	175	208-230-460/3/60	29.9	65	750	76 x 27 x 62
AS-10S253TMD	4152043927	132	10S	125	208-230-460/3/60	39.8	65	844	76 x 27 x 62
AS-10S503TMD	4152043928	132	10S	150	208-230-460/3/60	35.6	65	844	76 x 27 x 62
AS-10S753TMD	4152043929	132	10S	175	208-230-460/3/60	29.9	65	844	76 x 27 x 62



*Unit performance measured according to ISO1217, AnnexC, CFM figures quoted for 10HP 109 PSI for 125 PSI Max units, for 10S-20HP CFM figures are quoted at free air delivery.

** Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).

AS-B 15

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-15253BM	4152043912	BM	15	125	208-230-460/3/60	52.1	69	478	37 × 28 × 40
AS-15503BM	4152043913	BM	15	150	208-230-460/3/60	46.4	69	478	37 × 28 × 40
AS-15753BM	4152043914	BM	15	175	208-230-460/3/60	41.7	69	478	37 × 28 × 40
AS-15253TM	4152043921	132	15	125	208-230-460/3/60	52.1	69	776	76 × 27 × 62
AS-15503TM	4152043922	132	15	150	208-230-460/3/60	46.4	69	776	76 × 27 × 62
AS-15753TM	4152043923	132	15	175	208-230-460/3/60	41.7	69	776	76 × 27 × 62
AS-15253TMD	4152043930	132	15	125	208-230-460/3/60	52.1	69	871	76 × 27 × 62
AS-15503TMD	4152043931	132	15	150	208-230-460/3/60	46.4	69	871	76 × 27 × 62
AS-15753TMD	4152043932	132	15	175	208-230-460/3/60	41.7	69	871	76 × 27 × 62

AS-B 20

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-20253BM	4152043915	BM	20	125	208-230-460/3/60	60.6	71	516	37 × 28 × 40
AS-20503BM	4152043916	BM	20	150	208-230-460/3/60	54	71	516	37 × 28 × 40
AS-20753BM	4152043917	BM	20	175	208-230-460/3/60	48.5	71	520	37 × 28 × 40
AS-20253TM	4152043924	132	20	125	208-230-460/3/60	60.6	71	813	76 × 27 × 62
AS-20503TM	4152043925	132	20	150	208-230-460/3/60	54	71	813	76 × 27 × 62
AS-20753TM	4152043926	132	20	175	208-230-460/3/60	48.5	71	818	76 × 27 × 62
AS-20253TMD	4152043933	132	20	125	208-230-460/3/60	60.6	71	908	76 × 27 × 62
AS-20503TMD	4152043934	132	20	150	208-230-460/3/60	54	71	908	76 × 27 × 62
AS-20753TMD	4152043935	132	20	175	208-230-460/3/60	48.5	71	913	76 × 27 × 62

*Unit performance measured according to ISO1217, AnnexC, CFM figures quoted for 10HP 109 PSI for 125 PSI Max units, for 10S-20HP CFM figures are quoted at free air delivery.

** Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).

AS-B 20S-30 HP

The AS-B 20S-30 HP is the all-in-one compressor—Compressor, Receiver, and Dryer. Key features include a fully integrated aluminum block, eco-friendly vertical oil separation technology, and an energy efficient motor. In addition to this, a state-of-the-art air-end design ensures limited air loss, high energy efficiency, longevity, and limited noise and vibrations. The AS-B 20S-30 HP is suitable for demanding automotive and industrial applications needing reliable and continuous compressed air supply.

Applications

Suitable for demanding automotive and industrial applications needing a reliable and continuous air supply, where operating conditions are challenging.



Production line assembly



Heavy assembly



Hammering



Refinishing



Grinding



Orbital sanding



Key Features

- // Eco-Friendly Vertical Oil Separation
- // Low Noise & Vibration Levels
- // Up to 10% Lower Carbon Footprint
- // Sturdy, Reliable, Compact Design
- // Fully Integrated Aluminum Block





“The All-In-One Compressor”

Compressor, Receiver, Dryer

Screw Compressor Technology Designed for Industry

We continue to innovate our compressed air solutions to meet the demands of all areas of industry. The latest generation of rotary screw technology delivers enormous benefits with both noise and air quality vastly improved, especially for smaller working environments.

Improved Duty Cycle

While piston compressors require a cooldown period, rotary screw compressors can be used continuously, throughout the day, providing air on demand. ABAC rotary screw air compressors provide sustained and continuous work thereby improving productivity and efficiency.

Superior Performance

Premium performance coupled with lower energy consumption, the AS series efficiently generates more air thanks to its superior technology and design.

Minimal Noise

Piston compressors are typically up to 20 dB(A) louder than rotary screw compressors. With the development of this new design, ABAC has significantly lowered noise and vibration levels.

Cleaner Air

With an oil carryover of less than 5ppm, our screw compressor range generates much cleaner air than piston compressors. This environmentally friendly solution also helps maintain high air quality, improving pneumatic tool life.

AS-B 20S-30 HP

Delivering the Total Compressed Air Solution



Energy Optimization

- // Remote Start-Stop
- // Displays Running Time & Loaded Time
- // Service & Failure Warning
- // Intuitive Controller Allows Users to Effortlessly Optimize Operating Performance

Air Quality

- // Highly Efficient Vertical 3-Stage Oil Separation Process
- // Pressure Dew Point Around 37°F
- // Intelligent Automatic Drain Ensures No Air Loss
- // Low Pressure Drop Inside the Dryer & Receiver Cuts Down Power Consumption

Options

- // Food Grade Oil & Coalescent Filters



AS-B 20S

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-20S253BM	4152028455	BM	20S	125	208-230-460/3/60	81.9	67	690	44×31×49
AS-20S503BM	4152028456	BM	20S	150	208-230-460/3/60	78	67	690	44×31×49
AS-20S253BMD	4152028461	BM	20S	125	208-230-460/3/60	81.9	67	798	55×31×49
AS-20S503BMD	4152028462	BM	20S	150	208-230-460/3/60	78	67	798	55×31×49
AS-20S253TMD	4152028467	132	20S	125	208-230-460/3/60	81.9	67	1297	75×31×72
AS-20S503TMD	4152028468	132	20S	150	208-230-460/3/60	78	67	1297	75×31×72

AS-B 20S

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-25S253BM	4152028457	BM	25	125	208-230-460/3/60	98.9	69	723	44×31×49
AS-25S503BM	4152028458	BM	25	150	208-230-460/3/60	92.2	69	723	44×31×49
AS-25S253BMD	4152028463	BM	25	125	208-230-460/3/60	98.9	69	831	55×31×49
AS-25S503BMD	4152028464	BM	25	150	208-230-460/3/60	92.2	69	831	55×31×49
AS-25S253TMD	4152028469	132	25	125	208-230-460/3/60	98.9	69	1330	75×31×72
AS-25S503TMD	4152028470	132	25	150	208-230-460/3/60	92.2	69	1330	75×31×72

AS-B 20S

Model	Part Number	Gallon	HP	PSI	Power Supply (V/Ph)	CFM*	dB(A)	Weight (lbs.)	L x W x H (in)
AS-30S253BM	4152028459	BM	30	125	208-230-460/3/60	114.1	70	759	44×31×49
AS-30S503BM	4152028460	BM	30	150	208-230-460/3/60	103.1	70	759	44×31×49
AS-30S253BMD	4152028465	BM	30	125	208-230-460/3/60	114.1	70	867	55×31×49
AS-30S503BMD	4152028466	BM	30	150	208-230-460/3/60	103.1	70	867	55×31×49
AS-30S253TMD	4152028471	132	30	125	208-230-460/3/60	114.1	70	1365	75×31×72
AS-30S503TMD	4152028472	132	30	150	208-230-460/3/60	103.1	70	1365	75×31×72

**Contact An ABAC Representative To Find the Right Air
Compressor Solution To Fit Your Needs.**

Phone Number: +1 866 869 3114
www.abacaircompressors.com/en-us



Air. Anytime. Anywhere.

**Reliability and Excellent
Performance for Your Business**

ABAC Air Compressor USA
701 North Dobson Ave.
Bay Minette, AL. 36507
Phone: +1 866 869 3114

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