



Grand Air Compressor



Grand Air Oil Injected Screw Air Compressor

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Company profile

Grand Air compressor located in Ali ben Abi Taleb Street of the old industrial park, Riyadh city. The main products are fixed speed screw air compressor, variable frequency speed screw compressor, permanent magnet variable frequency screw compressor, and two-stage screw air compressor if requested. At the end of ۲۰۱۹, the company joined forces with famous school designers to develop integrated screw compressors with tanks and dryer to have the best experience. The pressure range is ۰.۷-۱.۷mpa and the power is ۱۰kw-۱۱۰kw. It can be customized to

meet the requirements of different climate buyers in different cities. With the advantage of the high-cost performance, energy-saving, and environmental protection, our customers have reached more than 1,000 in the world. The company has always been committed to revitalizing the national industry and building internationally renowned brands to provide users with best service. The most perfect compressed air supply is the mission. With the aim of flow management, first-class technology, first-class products and first-class service, the brand of GRAND AIR will be carried forward.



**Grand Air Oil
Injected Screw
Air Compressor**

Product series



GRAND AIR
COMPRESSOR



Fix speed series Screw Compressor



Variable speed series Screw Compressor



Fix speed series Screw Compressor



Variable speed series Screw Compressor



Variable speed series Screw Compressor



Compressor hand

High efficiency screw air end with using high precision heavy-load cylindrical roller bearings on the exhaust side of rotors, make the compressor has excellent reliability even under extreme conditions, and ensure the bearings work and extend its working lifetime.



Intelligent Controlle

The controller can control the operation of parts accurately with collecting all operating data to diagnose and indicate the fault. Alert to protect the compressor and ensure 24-hour unattended operation.



Inverter

to change the power supply frequency, thereby adjusting the load, reducing power consumption, reducing losses, and extending the service life of the equipment.



Intake valve

Large diameter, low pressure differential reduced consumption, unique control design to improve system stability.



Air/oil Separator

High efficiency separator element with working life time be 4000 hours (outside separator can be choosed for the compressor below 30hp).



Oil filter element

Working life time: 2000hours.



Air filter

Two types of air filter assembly which will be choosed depend on the air flow.



Fix speed series Screw Compressor

- IE 2, IP3 54 PHASE AC Asynchronouns mototr
- Baosi Aired
- Star delta starting
- Direct driven/belt driven are available
- Low noise

Model Number	Pressure		Capacity		Motor Power kW/HP	Connection size	Dimensions (mm) Air Cooled			Weight kg	Noise dB(A)
	bar	psi	m ³ /min	cfm			length	width	Height		
AS-10HB	7	100	1,2	42,4	7,5/10	RP1/2"	800	700	930	190	62
	8	116	1,1	38,8							
	10	145	0,9	31,8							
	12	174	0,8	28,3							
AS-15HB	7	100	1,8	63,6	11/15	G3/4"	1080	700	1000	310	62
	8	116	1,7	60,0							
	10	145	1,57	55,4							
	12	174	1,48	52,3							
AS-20HB	7	100	2,4	84,8	15/20	G3/4"	1080	700	1000	320	65
	8	116	2,3	81,2							
	10	145	2	70,6							
	12	174	1,6	56,5							
AS-25HB	7	100	3,1	109,5	18,5/25	G1"	1380	850	1100	410	65
	8	116	2,85	100,6							
	10	145	2,3	81,2							
	12	174	2,2	77,7							
AS-30HB	7	100	3,6	127,1	22/30	G1"	1380	850	1100	460	56
	8	116	3,4	120,1							
	10	145	3,25	114,8							
	12	174	2,7	95,3							
AS-40HB	7	100	5,2	183,6	30/40	G1"	1380	850	1100	480	56
	8	116	5	176,6							
	10	145	4,9	173,0							
	12	174	3,1	109,5							

Model Number	Pressure		Capacity		Motor Power kW/HP	Connection size	Dimensions (mm) Air Cooled			Weight kg	Noise dB(A)
	bar	psi	m ³ /min	cfm			length	width	Height		
AS-50HB	7	100	6,8	240,1	37/50	G2/1-1"	1500	1000	1330	740	65
	8	116	6	211,9							
	10	145	5,9	208,4							
	12	174	4,7	166,0							
AS-60HB	7	100	8	282,5	60/45	G2/1-1"	1500	1000	1330	810	65
	8	116	7,1	250,7							
	10	145	7	247,2							
	12	174	5,7	201,3							
AS-75HB	7	100	10	353,1	55/75	G2"	1800	1250	1570	1190	72
	8	116	9,2	324,9							
	10	145	9,1	321,4							
	12	174	6,7	236,6							
AS-100HB	7	100	13,5	476,7	75/100	G2"	1900	1250	1750	1360	72
	8	116	12	423,8							
	10	145	11,8	416,7							
	12	174	8,9	314,3							
AS-120HB	7	100	16,1	240,1	90/120	G2"	1900	1000	1570	1550	75
	8	116	15	211,9							
	10	145	14,8	208,4							
	12	174	11,4	166,0							
AS-150HB	7	100	21	568,6	110/150	DN65	2300	1000	1840	2060	75
	8	116	18,9	529,7							
	10	145	18,7	522,6							
	12	174	14,5	42,6							
AS-175HB	7	100	25,2	741,6	132/175	DN65	2300	1250	1840	2440	75
	8	116	21,7	667,4							
	10	145	21,5	660,4							
	12	174	18,5	512,1							
AS-200HB	7	100	28,7	889,9	160/200	DN85	2700	1250	2300	3400	78
	8	116	27,2	766,3							
	10	145	27	759,3							
	12	174	21,3	653,3							
AS-250HB	7	100	32	1013,5	185/250	DN85	2700	1250	2300	3900	78
	8	116	29,4	960,5							
	10	145	29,2	953,5							
	12	174	26,2	752,2							
AS-300HB	7	100	39	1377,2	220/300	DN100	3200	1250	2500	4400	82
	8	116	38,1	1345,5							
	10	145	37,5	1324,3							
	12	174	28,8	1017,3							
AS-350HB	7	100	42,8	1511,4	250/350	DN100	3200	1250	2500	5200	82
	8	116	42	1465,5							
	10	145	41,5	1465,5							
	12	174	37,2	1313,7							



Integrated crew air compressor series



Integrated Screw air compressor

- Including compressor, air dryer tank and 4 pcs of line filter.
- Pressure: 8 bar - 12 bar.
- easy to install

Technical data	Model Number	Capacity	Motor Power	Connection size	Dimensions (mm) Air Cooled			Weight kg	Tank volume Litre	Noise dB(A)
		m ³ /min	kW/HP		length	width	Height			
	AS-50HB	0,5 1,1 1,6 2,2	5,5 Kw/7,5hp	G1/2"	1206	700	1285	260	150	62
AS-60HB	282,5 250,7 247,2 201,3	7,5Kw/10hp	G1/2"	1400	700	1380	310	230	62	
AS-75HB	353,1 324,9 321,4 236,6	11Kw/15hp	G3/4"	1450	750	1500	430	230	65	
AS-100HB	476,7 423,8 416,7 314,3	15Kw/20hp	G3/4"	1450	750	1500	430	300	65	

Integrated crew air compressor series



16 bar combined screw air compressor

16 bar combined screw air compressor for laser cutting machine

- Including compressor, air dryer, tank and 4 pcs of line filter.
- Pressure: 16 bar.
- Applicable: laser cutting machine.
- Combined type with dryer and tank.
- easy to install

Technical data	Model Number	Capacity	Motor Power	Connection size	Dimensions (mm) Air Cooled			Weight kg	Tank volume Litre	Noise dB(A)	Maximum oil content ppm
		m ³ /min	kW/HP		length	width	Height				
	AS-15A/16	1,1	11Kw/15hp	G3/4"	1500	760	1206	650	2pcs of 150 litre	65	65
AS-20A/16	1,4	15Kw/20hp	G3/4"	1500	760	1206	650	2pcs of 150 litre	65	65	
AS-30A/16	2,3	22Kw/30hp	G1"	1500	1450	2300	810	600pcs of 1000 litre	65	65	



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