Grand Air Compressor



Grand Air Oil Injected Screw Air Compressor



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 P·I9, 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 ., Empal, 1-mpa and the power is Ekw۳10-kw. 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, firstclass technology, first-class products and first-class service, the brand of GRAND AIR will be carried forward.



Product series





Fix speed series Screw Compressor



Varible speed series Screw Compressor



Fix speed series Screw Compressor



Varible speed series Screw Compressor



Varible speed series Screw Compressor



Compressor hand

Hight efficience screw airend with using high precision heavy-load cylindrical roller bearings on the exhause side of rotors, make the compressor has excellent reliability even under extreme cnditions, and ensure the bearings work and extend its working lifetime.



Intelligant Controll

The controller can control the operation of parts accurately with coollecting all operating data to diagnose and indicate the fault. Alret to protect the compressor and ensure -PEhour unatteded operation.



Inverte

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

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



Air/oil Separator

High efficience separtor 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 filte

Two tupes of air filter assambly which will be choosed depend on the air flow.





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

Model Number	Pressure		Capacity		Motor Power	Connection	Dime	ensions (mi Cooled	Weight	Noise	
Model Number	bar	psi	m₃/min	cfm	kW/HP	size	length	width	Height	kg	dB(A)
AS-10HB	7 8 10 12	100 116 145 174	1,2 1,1 0,9 0,8	42,4 38,8 31,8 28,3	7,5/10	RP1/2"	800	700	930	190	62
AS-15HB	7 8 10 12	100 116 145 174	1,8 1,7 1,57 1,48	63,6 60,0 55,4 52,3	11/15	G3/4"	1080	700	1000	310	62
AS-20HB	7 8 10 12	100 116 145 174	2,4 2,3 2 1,6	84,8 81,2 70,6 56,5	15/20	G3/4"	1080	700	1000	320	65
AS-25HB	7 8 10 12	100 116 145 174	3,1 2,85 2,3 2,2	109,5 100,6 81,2 77,7	18,5/25	G1"	1380	850	1100	410	65
AS-30HB	7 8 10 12	100 116 145 174	3,6 3,4 3,25 2,7	127,1 120,1 114,8 95,3	22/30	G1"	1380	850	1100	460	56
AS-40HB	7 8 10 12	100 116 145 174	5,2 5 4,9 3,1	183,6 176,6 173,0 109,5	30/40	G1"	1380	850	1100	480	56

Model Number	Pressure		Capacity Motor Power		Motor Power	Connection	Dimensions (mm) Air Cooled			Weight	Noise
	bar	psi	m₃/min	cfm	kW/HP	size	length	width	Height	kg	dB(A)
AS-50HB	7 8 10 12	100 116 145 174	6,8 6 5,9 4,7	240,1 211,9 208,4 166,0	37/50	G2/1-1"	1500	1000	1330	740	65
AS-60HB	7 8 10 12	100 116 145 174	8 7,1 7 5,7	282,5 250,7 247,2 201,3	60/45	G2/1-1"	1500	1000	1330	810	65
AS-75HB	7 8 10 12	100 116 145 174	10 9,2 9,1 6,7	353,1 324,9 321,4 236,6	55/75	G2"	1800	1250	1570	1190	72
AS-100HB	7 8 10 12	100 116 145 174	13,5 12 11,8 8,9	476,7 423,8 416,7 314,3	75/100	G2"	1900	1250	1750	1360	72
AS-120HB	7 8 10 12	100 116 145 174	16,1 15 14,8 11,4	240,1 211,9 208,4 166,0	90/120	G2"	1900	1000	1570	1550	75
AS-150HB	7 8 10 12	100 116 145 174	21 18,9 18,7 14,5	568,6 529,7 522,6 4,2,6	110/150	DN65	2300	1000	1840	2060	75
AS-175HB	7 8 10 12	100 116 145 174	25,2 21,7 21,5 18,5	741,6 667,4 660,4 512,1	132/175	DN65	2300	1250	1840	2440	75
AS-200HB	7 8 10 12	100 116 145 174	28,7 27,2 27 21,3	889,9 766,3 759,3 653,3	160/200	DN85	2700	1250	2300	3400	78
AS-250HB	7 8 10 12	100 116 145 174	32 29,4 29,2 26,2	1013,5 960,5 953,5 752,2	185/250	DN85	2700	1250	2300	3900	78
AS-300HB	7 8 10 12	100 116 145 174	39 38,1 37,5 28,8	1377,2 1345,5 1324,3 1017,3	220/300	DN100	3200	1250	2500	4400	82
AS-350HB	7 8 10 12	100 116 145 174	42,8 42 41,5 37,2	1511,4 1465,5 1465,5 1313,7	250/350	DN100	3200	1250	2500	5200	82

Integragted ccrew air compressor series

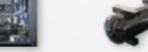


Integragted Screw air compressor









 Including compressor, air drayerm tank and 4 pcs of line filter.

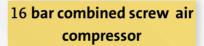
• Pressure: 8 bar - 12 bar.

easy to install

	Model Number	Capacity	Motor Power	Connection	Dime	ensions (mr Cooled	n) Air	Weight	Tank volume	Noise	
	1710 del 1 (dilloci	m³/min	kW/HP	n size	length	length width		kg	Litre	dB(A)	
ical data	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	
Technical	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	

Integragted ccrew air compressor series









16 bar combined screw air compressor for laser cutting machine

- Inculding compressor, air drayer, tank and 4 pcs of line filter.
- Perssure: 16 bar.

- App;icant: laser cutting machine.
- Combined type with drayer and tank.
- easy to install

lecnnical data	Model Number	Capacity	Motor Power	Connection n size	Dimensions (mm) Air Cooled			Weight	Tank volume	Noise	Maximum oil content
		m³/min	kW/HP		length	width	Height	kg	Litre	dB(A)	ppm
	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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