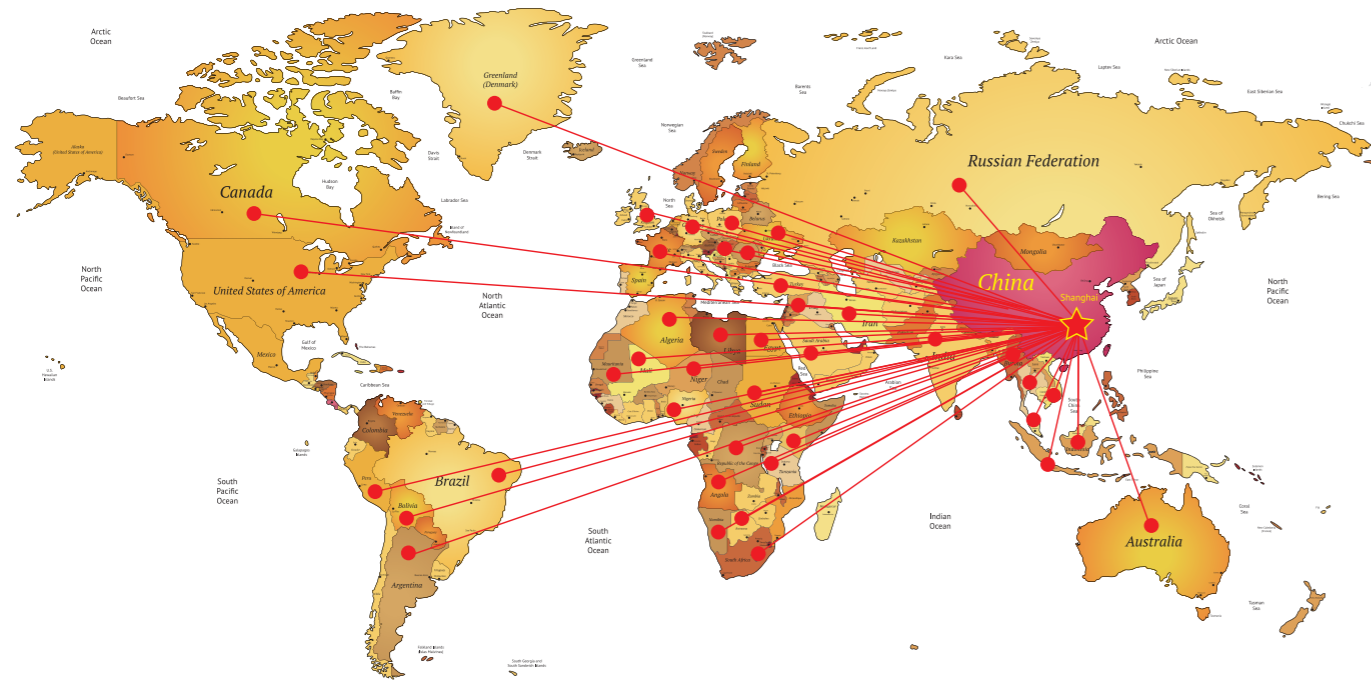


# DESRAN®

No matter where you are, we are here for you



**DESRAN®**

DESRAN COMPRESSOR (SHANGHAI) CO., LTD.  
Address: No. 168 Yulu Road, JiaDing District, Shanghai China.  
Website: <http://www.desran.com/en>

Distributor:

2014 07

Screw Air Compressor  
—Stationery, VSD, Low Pressure, Oil Free, Portable



German Technology

Desran Compressor (Shanghai) Co.,Ltd



## Company profile

Desran Compressor (ShangHai) Co.,Ltd is a high Tech company focusing on the R&D, manufacture, and sales of Air Compressor Products. Desran has three multi-stories manufacture mills and one office building, covering the land of 25,500m<sup>2</sup>. We not only inherit advanced design concept and precise manufacturing technology from German industry, but also combine both domestic and overseas users' operation conventions. Through professional design, advanced manufacturing, and strict quality control system, we ensure that the technical performance and reliability of each compressor are best in class and our quality is always in the leading position in the industry.

In 2011, Desran was honored as "Shanghai Famous Brand", "High-tech enterprise", and "Technology Giant Enterprise". Since 2011, Desran was ranked into "China Machinery 500" by "China Machinery Industry Association" for three consecutive years.



### Advanced Production Line

Our production lines are all under the first class design. We constantly debug, update, and perfect the existing equipment. With the automatic computer control system, we ensure the high quality and efficiency of our production line.

### Systematic Test Procedure

A systematic and intensive performance test for every compressor is carried out on different test platforms in different workshops according to DIN-ISO standards. Thus our compressors are able to perform the specified programs continuously. Not all the compressor manufacturers do such a thorough performance test on their machines like us.



ISO9001 Certificate

China Machinery 500 Certificate

CE Certificate

German Trademark



## Motor

With the tailor-made low RPM motor and the isolation rate F SKF bearings, our compressors are ensured to operate reliably and are 3% to 5% more efficient than competing machines.



## Oil Filter

Adopting the aerospace design revolving oil filter with superior materials, our oil filters show a better filtering result than other oil filters and effectively extend the service life of air-ends.



## Oil-Air Separator

With the super high volume tank, the superior quality separator components, and the advanced design thrice oil-air separator, our compressors can ensure the high quality of the compressed air which contains less than 3ppm oil.



## Air Filter

By using the large dust holding and low flow resistance design, our air filters can filter the micro articles in the air to ensure every component of the system works normally and efficiently. The dust holding rate is over 99.5%.



## Inlet Valve

With the advanced design, the inlet valve can be adjusted between 0 to 100%. By using the volume adjustment valve, the compressors will loss less pressure and have a longer service life.



## Air-end

By using the most advanced 5:6 rotors and the optimized rotor profile from Europe, our air-ends are the best-in-class with low noise, low energy consumption, low maintenance cost, and long reliable service life.



# Stationery Screw Compressor

Model	DSR-7.5A	DSR-10A	DSR-15A	DSR-20A	DSR-25A	DSR-30A	DSR-40A	DSR-50A	DSR-60A	DSR-75A	DSR-100A
Capacity / Pressure (m <sup>3</sup> .min/Mpa)	0.85/0.7	1.2/0.7	1.7/0.7	2.4/0.7	3.1/0.7	3.8/0.7	5.2/0.7	6.4/0.7	8.0/0.7	10.5/0.7	13.6/0.7
	0.78/0.8	1.1/0.8	1.6/0.8	2.2/0.8	2.9/0.8	3.5/0.8	5.0/0.8	6.1/0.8	7.7/0.8	9.8/0.8	13.3/0.8
	0.65/1.0	0.95/1.0	1.4/1.0	2.0/1.0	2.7/1.0	3.2/1.0	4.3/1.0	5.7/1.0	7.0/1.0	8.7/1.0	11.6/1.0
	0.5/1.3	0.8/1.3	1.2/1.3	1.7/1.3	2.2/1.3	2.9/1.3	3.7/1.3	5.1/1.3	5.8/1.3	7.5/1.3	9.8/1.3
Motor	Power (KW)	5.5	7.5	11	15	18.5	22	30	37	45	55
	Horsepower	7.5	10	15	20	25	30	40	50	60	75
Noise dB(A)	65±2	66±2	68±2	68±2	69±2	69±2	69±2	70±2	72±2	73±2	75±2
Air Outlet Pipe Diameter	G3/4	G3/4	G3/4	G3/4	G1 1/4	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2
Weight (kg)	200	200	335	350	500	500	560	700	820	1300	1350
Canopy Dimension	L(mm)	750	750	950	930	1100	1100	1100	1200	1200	1500
	W(mm)	650	650	770	770	850	850	850	1000	1000	1150
	H(mm)	830	830	1050	1100	1300	1300	1300	1420	1420	1500
Cooling air Flow (m <sup>3</sup> .min)H(mm)	23	23	91	91	100	100	100	180	191	320	330
Starting Method	Direct		Star Triangle								
Drive Mode	Belt Drive										



# Stationery Screw Compressor

Model	DSR-30AZ	DSR-40AZ	DSR-50AZ	DSR-60AZ	DSR-75AZ	DSR-100AZ	DSR-125AZ	DSR-150AZ	DSR-180AZ	DSR-220AZ
Capacity / Pressure (m <sup>3</sup> .min/Mpa)	3.8/0.7	5.2/0.7	6.4/0.7	8.0/0.7	10.5/0.7	13.6/0.7	16.3/0.7	20.8/0.7	24.8/0.7	28.5/0.7
	3.5/0.8	5.0/0.8	6.1/0.8	7.7/0.8	9.8/0.8	13.3/0.8	16.0/0.8	20.6/0.8	24.0/0.8	27.0/0.8
	3.2/1.0	4.3/1.0	5.7/1.0	7.0/1.0	8.7/1.0	11.6/1.0	14.6/1.0	17.0/1.0	20.6/1.0	23.2/1.0
	2.9/1.3	3.7/1.3	5.1/1.3	5.8/1.3	7.5/1.3	9.8/1.3	12.3/1.3	14.2/1.3	16.5/1.3	19.7/1.3
Motor	Power (kW)	22	30	37	45	55	75	90	110	132
	Horsepower	30	40	50	60	75	100	125	150	180
Noise dB(A)	69±2	69±2	70±2	72±2	73±2	75±2	75±2	75±2	75±2	75±2
Air Outlet	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2	G2	DN65	DN65	DN80
Weight (kg)	520	650	720	900	1350	1400	1700	2500	2600	3150
Canopy Dimension	L(mm)	1300	1500	1500	1500	1650	1800	2000	2380	2380
	W(mm)	850	1000	1000	1150	1170	1200	1250	1650	1650
	H(mm)	1115	1300	1300	1500	1440	1500	1700	1900	1900
Cooling air Flow (m <sup>3</sup> .min)H(mm)	100	100	180	191	320	330	400	450	450	500
Starting Method	Star Triangle									
Drive Mode	Direct Drive									

Model	DSR-250AZ	DSR-300AZ	DSR-340AZ	DSR-420W	DSR-480W	DSR-540W	DSR-600W	DSR-670W	DSR-750W	DSR-840W
Capacity / Pressure (m <sup>3</sup> .min/Mpa)	32.5/0.7	38.6/0.7	43.9/0.7	56.0/0.7	64.0/0.7	74.0/0.7	85.0/0.7	93.0/0.7	105.0/0.7	125.0/0.7
	30.2/0.8	36.4/0.8	42.5/0.8	53.0/0.8	62.0/0.8	72.0/0.8	82.0/0.8	91.0/0.8	100.0/0.8	120.0/0.8
	27.0/1.0	33.1/1.0	38.8/1.0	49.0/1.0	57.6/1.0	62.0/1.0	70.0/1.0	82.0/1.0	85.0/1.0	100.0/1.0
	22.5/1.3	30.5/1.3	34.6/1.3	43.0/1.3	49.0/1.3	56.5/1.3	60.5/1.3	68.0/1.3	—	—
Motor	Power (kW)	185	220	250	315	355	400	450	500	560
	Horsepower	250	300	340	420	480	540	600	670	750
Noise dB(A)	78±2	78±2	78±2	80±2	82±2	83±2	84±2	86±2	88±2	88±2
Air Outlet Pipe Diameter	DN80	DN100	DN100	DN125	DN125	DN150	DN150	DN200	DN200	DN200
Weight (kg)	3330	4300	4600	6500	7000	7500	8100	8500	9000	9000
Canopy Dimension	L(mm)	3000	3000	3000	3800	3800	4200	4650	4650	4650
	W(mm)	1800	1980	1980	2280	2280	2200	2050	2150	2150
	H(mm)	2050	1900	1900	2248	2248	2350	2120	2120	2120
Cooling air Flow (m <sup>3</sup> .min)H(mm)	600	900	900	—	—	—	—	—	—	—
Starting Method	Star Triangle									
Drive Mode	Direct Drive(Gearbox)									

\* Water Cooled Version is available upon request. A means Air-cooled, W means Water Cooled

\* Due to constant innovation, all the specifications are subject to change without notice

## Variable Speed Screw Compressor

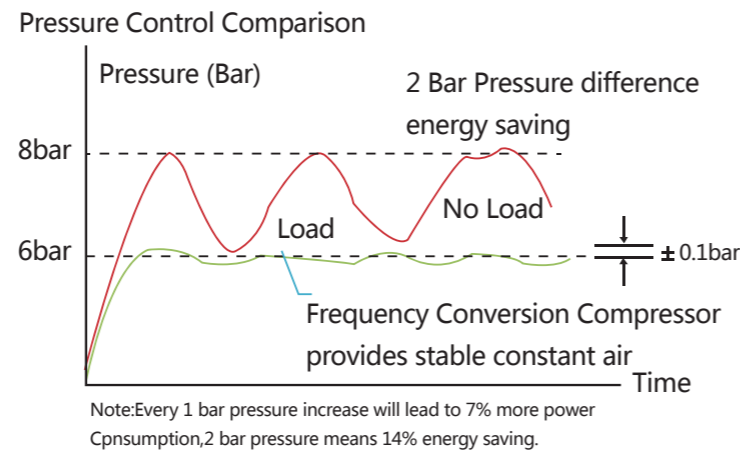
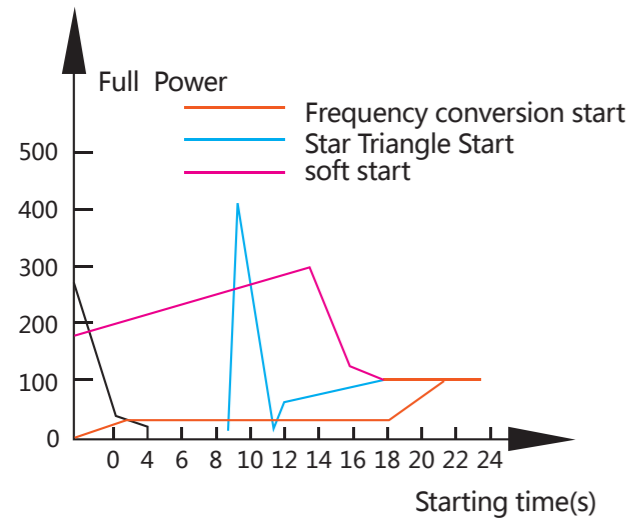
Desran variable speed screw compressor is developed based on the most advanced frequency conversion technology from Germany. It has many features such as stable air source, easy control system, optimized protection function, long running life, and energy saving. Above all these features, the most remarkable feature will be energy saving. Desran variable speed screw compressor represents the new trend of energy efficiency.

### More Reliable

- The frequency conversion machine starts smoothly and can avoid the peak current which might burden your whole power supply.
- Avoiding the negative factors from constant high speed running.
- Lowering the possibility of system leak by setting the surpass pressure under 2 bar.

### Energy Saving:

- With the variable speed system, the output pressure of the compressor can perfectly match with the demand of the system, which avoid no-load energy consumption.
- Under the inconstant air demand, the frequency conversion system can start without peak current, which avoids the overload and allows the compressor to stop frequently.
- With 2 bar output pressure control, the system can save 14% on energy consumption.



### Stable Air:

- The displacement pressure can be set between 3—14 bar without gearbox or belt.
- A pre-set stable constant pressure will be output in a range of  $\pm 0.1$  bar
- When the system has a high demand of air, the machine will run faster and keep providing stable air.
- When the system has a low demand of air, the machine will run slower and keep providing stable air.

## Variable Speed Screw Compressor Specification:

Model	DSR-7.5AV	DSR-10AV	DSR-15AV	DSR-20AV	DSR-25AV	DSR-30AV	DSR-40AV	DSR-50AV	DSR-60AV	DSR-75AV	DSR-100AV
Capacity / Pressure (m <sup>3</sup> .min/Mpa)	0.85/0.7	1.2/0.7	1.7/0.7	2.4/0.7	3.1/0.7	3.8/0.7	5.2/0.7	6.4/0.7	8.0/0.7	10.5/0.7	13.6/0.7
	0.78/0.8	1.1/0.8	1.6/0.8	2.2/0.8	2.9/0.8	3.5/0.8	5.0/0.8	6.1/0.8	7.7/0.8	9.8/0.8	13.3/0.8
	0.65/1.0	0.95/1.0	1.4/1.0	2.0/1.0	2.7/1.0	3.2/1.0	4.3/1.0	5.7/1.0	7.0/1.0	8.7/1.0	11.6/1.0
	0.5/1.3	0.8/1.3	1.2/1.3	1.7/1.3	2.2/1.3	2.9/1.3	3.7/1.3	5.1/1.3	5.8/1.3	7.5/1.3	9.8/1.3
Motor	Power (kW)	5.5	7.5	11	15	18.5	22	30	37	45	55
	Horsepower	7.5	10	15	20	25	30	40	50	60	75
Noise dB(A)	65±2	66±2	68±2	68±2	69±2	69±2	69±2	70±2	72±2	73±2	75±2
Air Outlet Pipe Diameter	G3/4	G3/4	G3/4	G3/4	G1 1/4	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2
Weight (kg)	200	200	335	350	500	500	560	700	820	1300	1350
Canopy Dimension	L(mm)	750	750	950	930	1100	1100	1100	1300	1300	1650
	W(mm)	650	650	770	770	1000	1000	1000	1000	1000	1350
	H(mm)	830	830	1050	1100	1240	1240	1240	1350	1350	1500
Drive Mode	Belt Drive										

Model	DSR-30AZV	DSR-40AZV	DSR-50AZV	DSR-60AZV	DSR-75AZV	DSR-100AZV	DSR-125AZV	DSR-150AZV	DSR-180AZV	DSR-220AZV	DSR-250AZV
Capacity / Pressure (m <sup>3</sup> .min/Mpa)	3.8/0.7	5.2/0.7	6.4/0.7	8.0/0.7	10.5/0.7	13.6/0.7	16.3/0.7	20.8/0.7	24.8/0.7	28.5/0.7	32.5/0.7
	3.5/0.8	5.0/0.8	6.1/0.8	7.7/0.8	9.8/0.8	13.3/0.8	16.0/0.8	20.6/0.8	24.0/0.8	27.0/0.8	30.2/0.8
	3.2/1.0	4.3/1.0	5.7/1.0	7.0/1.0	8.7/1.0	11.6/1.0	14.6/1.0	17.0/1.0	20.6/1.0	23.2/1.0	27.0/1.0
	2.9/1.3	3.7/1.3	5.1/1.3	5.8/1.3	7.5/1.3	9.8/1.3	12.3/1.3	14.2/1.3	16.5/1.3	19.7/1.3	22.5/1.3
Motor	Power (kW)	22	30	37	45	55	75	90	110	132	160
	Horsepower	30	40	50	60	75	100	125	150	180	220
Noise dB(A)	69±2	69±2	70±2	72±2	73±2	75±2	75±2	75±2	75±2	75±2	78±2
Air Outlet Pipe Diameter	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2	G2	DN65	DN65	DN80	DN80
Weight (kg)	520	650	720	900	1350	1400	1700	2500	2600	3150	3330
Canopy Dimension	L(mm)	1300	1500	1500	1500	1650	1800	2000	2380	2380	3000
	W(mm)	850	1000	1000	1150	1170	1200	1250	1650	1650	1800
	H(mm)	1115	1300	1300	1500	1440	1500	1700	1900	1900	2050
Drive Mode	Direct Drive										

Model	DSR-300AZV	DSR-340AZV	DSR-420WV	DSR-480WV
Capacity / Pressure (m <sup>3</sup> .min/Mpa)	38.6/0.7	43.9/0.7	56.0/0.7	64.0/0.7
	36.4/0.8	42.5/0.8	53.0/0.8	62.0/0.8
	33.1/1.0	38.8/1.0	49.0/1.0	57.6/1.0
	30.5/1.3	34.6/1.3	43.0/1.3	49.0/1.3
Motor	Power (kW)	220	250	315
	Horsepower	300	340	420
Noise dB(A)	78±2	78±2	80±2	82±2
Air Outlet Pipe Diameter	DN100	DN100	DN125	DN125
Weight (kg)	4300	4600	6500	7000
Canopy Dimension	L(mm)	3000	3000	3800
	W(mm)	1980	1980	2280
	H(mm)	1900	1900	2248
Drive Mode	Direct Drive			



\* Water Cooled Version is available upon request. A means Air-cooled, W means Water Cooled  
 \* Due to constant innovation, all the specifications are subject to change without notice

# Oil Free Screw Compressor

Truly Oil Free Compressed Air(according to ISO8573-1)

	Class	Oil Content mg/m <sup>3</sup>
*Provide "Class 0" Oil Free compressed air	0	Designed by user or manufacturer (more strict than Class 1)
*Ensuring 100% oil free compressed air	1	≤ 0.01
*Ensure the high quality oil free compressed air for food and pharmacy industries	2	≤ 0.1
	3	≤ 1
	4	≤ 5
	5	≥ 5



Pharmacy Industry



Beverage Industry



Food Industry



Tobacco Industry

# Oil Free Screw Compressor

## Two Stage Compression Technology

Our machines adopt the two stage compression technology, which not only increases the efficiency of compression, but also avoids the negative influence from the high discharge air temperature and increases the reliability and running life of airtend.



Model	Capacity/Pressure (m <sup>3</sup> /min/Mpa)	Motor Power		Noise dB(A)	Size (mm)		
		( KW )	( HP )		(L)	(W)	(H)
DSRW-45A/W	6.8/0.75	45	60	67	2100	1500	1790
	5.9/0.86			69			
	5.4/1.0			71			
DSRW-55A/W	8.8/0.75	55	75	68	2100	1500	1790
	8.4/0.86			69			
	6.9/1.0			71			
DSRW-65A/W	10.2/0.75	65	90	69	2100	1500	1790
	8.9/0.86			70			
	8.2/1.0			72			
DSRW-75A/W	12.8/0.75	75	100	69	2100	1500	1790
	10.3/0.86			71			
	9.3/1.0			72			
DSRW-90W	15.8/0.75	90	125	66	2900	1880	1880
	14/0.86			67			
	12.8/1.0			69			
DSRW-110W	19.4/0.75	110	150	67	2900	1880	1880
	17/0.86			68			
	16.0/1.0			70			
DSRW-132W	23.9/0.75	132	180	69	2900	1880	1880
	21.4/0.86			70			
	19.2/1.0			71			
DSRW-160W	28.4/0.75	160	220	69	2900	1880	1880
	26.2/0.86			71			
	23.6/1.0			71			
DSRW-180W	32.8/0.75	180	245	69	2900	1880	1880
	28.2/0.86			71			
	26.3/1.0			71			
DSRW-200W	36.4/0.75	200	270	69	3250	2200	2150
	33/0.86			70			
	29.5/1.0			72			
DSRW-220W	39.0/0.75	220	300	70	3250	2200	2150
	36.1/0.86			71			
	32.3/1.0			72			
DSRW-250W	43.6/0.75	250	340	70	3250	2200	2150
	41.2/0.86			72			
	36.1/1.0			72			

\* A means Air-cooled, W means Water Cooled \* Due to constant innovation, all the specifications are subject to change without notice

## Low Pressure Screw Compressor

Many industries, such as Chemical, Glass, Textile, and Ceramic, only need 0.3Mpa to 0.5Mpa pressure compressed air. These industries usually use 0.7Mpa to 1.0Mpa compressors with a pressure reducing valve to get the low pressure air, which is indeed a huge energy waste. In order to fulfill these industries' needs, Desran developed a new series of Low Pressure Screw Compressors which can directly output 0.3Mpa or 0.5Mpa low pressure air.



Low Pressure Screw Compressor Specification

Model	Power (kw)	Horsepower (hp)	Capacity (m <sup>3</sup> /min)	Pressure (Mpa)	Dimension (L*W*H) mm
DSL30-3	30kw	40	7	0.3	1600*1000*1365
DSL37-3	37kw	50	10		2050*1200*1500
DSL45-3	45kw	60	13		2380*1650*2050
DSL55-3	55kw	75	16		2380*1650*2050
DSL75-3	75kw	90	20		2380*1650*2050
DSL90-3	90kw	125	25		2380*1650*2050
DSL110-3	110kw	150	30		3000*1800*2050
DSL132-3	132kw	180	35		3000*1800*2050
DSL160-3	160kw	220	40		3100*2160*1900

Model	Power (kw)	Horsepower (hp)	Capacity (m <sup>3</sup> /min)	Pressure (Mpa)	Dimension (L*W*H) mm
DSL37-5	37kw	50	7	0.5	1500*950*1300
DSL45-5	45kw	60	10		2050*1200*1500
DSL55-5	55kw	75	13		2100*1250*1700
DSL75-5	75kw	90	16		2100*1250*1700
DSL90-5	90kw	125	20		2380*1650*2050
DSL110-5	110kw	150	25		2380*1650*2050
DSL132-5	132kw	180	30		3000*1800*2050
DSL160-5	160kw	220	35		3000*1980*1900
DSL185-5	185kw	250	40		3000*1980*1900

\* Due to constant innovation, all the specifications are subject to change without notice

## Diesel Drive Portable Screw Compressor

Diesel Portable Screw Compressor is specially designed for the use in harsh wild environment. With the Unique Desran "driving" system, the machine can move easily in rough terrain. With the stabilization system and special noise control system, the machine runs quietly and smoothly. With the mature overall design and carefully paired engine, the machine is more reliable and easy to maintain.



Diesel Drive Portable Screw Compressor

Model	Capacity (m <sup>3</sup> /min)	Pressure (Bar)	Diesel Engine	Engine Model	Fuel Tank (L)	Power (kw)/RPM	Size L*W*H (mm)	Weight (kg)	Note	
DCY-5.2/8	5.2	8	YuChai 70KW	YCD4B22-95	160	70/3200	3060*1800*1620	1780	2 Wheels	
DCY-7/8	7	8	YuChai 70KW	YCD4K22(1KG302)	160	70/3200	3060*1800*1620	1800		
DCY-10/10	10	10	Cummins 93KW	4BTA3.9-C125	180	93/2200	3121*1452*1368	2200		
DCY-12/8	12	8			180	93/2200	3121*1452*1368	2200		
DCY-12/10	12	10	Cummins 110KW	6BT5.9-C150	200	110/2200	3121*1452*1368	2480		
DCY-10/13	10	13			200	110/2200	3121*1452*1368	2480		
DCY-13/13	13	13	Cummins 132KW	6BTA5.9-C180	320	132/2500	3420*1960*1860	2800		
DCY-17/8	17	8			320	132/2500	3420*1960*1860	2800		
DCY-15/13	15	13			320	132/2500	3640*1700*2240	3000		4 Wheels
DCY-17/14.5	17	14.5	Cummins 194KW	6CTA8.3-C260	400	194/2200	3700*1800*2060	4000		2 Wheels
DCY-16/17	16	17			400	194/2200	4000*1900*2330	3800		
DCY-18/17	18	17			400	194/2200	3900*1800*2060	3900		
DCY-18/19	18	19			400	194/2200	3900*1800*2060	4500		
DCY-22/8	22	8	YuChai 250KW	YC6M340L-K20	400	194/2200	3900*1800*2060	4000		
DCY-21/13	21	13			500	250/2100	4250*1950*2800	4500	4 Wheels	
DCY-22/17	22	17			500	250/2100	4250*1950*2800	4500		
DCY-22/21	22	21			500	250/2100	4250*1950*2800	4500		
DCY-25/10	25	10			500	250/2100	4250*1950*2800	5000		
DCY-32/10	32	10	YuChai 300KW	YC6M395L-K20	500	300/2100	4250*1950*2800	5000		
DCY-20/20	20	20	Cummins 240KW	6LTAA8.9-C360	550	240/2100	4250*1950*2800	6000		
DCY-26/20	26	20	Cummins 270KW	6LTAA8.9-C360	550	270/2100	4250*1950*2800	6000		

## Petrol & Electrical Drive Portable Screw Compressor

Electric Drive Portable Screw Compressor							
Model	Capacity (m³/min)	Pressure (Bar)	Power (KW)	Outlet Connection	L*W*H(mm)	Weight (kg)	Note
DDY-6/8	6	8	37KW	2-RP3/4	3069*1570*1395	1300	2 Wheels
DDY-7.5/8	7.5	8	45KW		3069*1570*1395	1400	
DDY-10/8	10	8	55KW	RP1 1/4	3530*1980*1887	1700	
DDY-7.5/13	7.5	13			3530*1980*1887	1700	
DDY-14/7	14	7	75KW	2-RP3/4	3300*1980*1831	1900	
DDY-13/8	13	8			3530*1980*1887	2000	
DDY-10/13	10	13	90KW	2-RP3/4	3530*1980*1887	1950	
DDY-16/8	16	8			3530*1980*1887	2500	
DDY-13/14.5	13	14.5	110KW	2-RP2	3530*1980*1887	2400	
DDY-20/8	20	8			3700*1980*1940	3000	
DDY-17/13	17	13	132KW	2-RP3/4	3700*1980*1940	2900	
DDY-22/8	22	8			3700*1980*1940	3200	
DDY-17/14.5	17	14.5	160KW	1-RP2	3700*1980*1940	3100	
DDY-21/13	21	13			3670*1820*2250	3900	
DDY-26/8	26	8	185KW	2-RP1 1/4	3670*1820*2250	3900	
DDY-18/17	18	17			3670*1820*2250	3800	
DDY-30/8	30	8	220KW	1-RP2/1-RP1	3670*1820*2250	4300	
DDY-26/13	26	13			4200*1950*2350	4900	

\* Due to constant innovation, all the specifications are subject to change without notice



Petrol Portable Screw Compressor		
Model	DQY-1/13	
FAD	m3/min	0.85 - 1.2
Pressure	Bar	7 - 13
Engine RPM	rpm	3200
Outlet Air Temperature	°C	80
Noise	dB(A)	80
Working Temperature	°C	-10 C - 45 C
Max Altitude	m	1000
Length	mm	989
Width	mm	858
Height	mm	863
Net Weight	Kg	300
Driving System	Two Wheels	

## Refrigerant Air Dryer & Precision Filter



The Inlet Temperature: Standard Model ≤ 60°C  
High Temp Model ≤ 80°C

Cooling way: Air cooled

The inlet pressure: 0.2 ~ 1.0 Mpa

Pressure dew point: 2 ~ 10 °C

Air Dryer Specification								
Model	Flow Capacity		Power (V/Hz/Ph)	Outlet Diameter	Weight (kg)	Size		
	(m³/min)	cfm				L(mm)	W(mm)	H(mm)
DSR-7.5F	0.85	30	220/50/1	ZG1"	55	630	450	670
DSR-10F	1.2	42		ZG1"	55	630	450	670
DSR-15F	1.7	60		ZG1"	60	630	450	670
DSR-20F	2.4	85		ZG1"	80	700	450	910
DSR-30F	3.8	134		G1 1/2"	105	850	500	970
DSR-40F	5.2	184		G1 1/2"	135	850	500	970
DSR-50F	6.4	226		G1 1/2"	190	900	560	1070
DSR-60F	8	282		G1 1/2"	195	900	560	1070
DSR-75F	10.5	371		G2"	225	1180	670	1160
DSR-100F	13.6	480		G2"	260	1180	670	1160
DSR-125F	16.3	575	380/50/3	DN80	305	1180	670	1160
DSR-150F	20.3	717		DN80	400	1360	710	1205
DSR-180F	24	847		DN80	520	1650	970	1422
DSR-220F	27	953		DN80	520	1650	970	1422
DSR-250F	32.5	1147		DN80	630	1650	970	1422
DSR-300F	40	1412		DN100	750	1810	1090	1700
DSR-340F	43.5	1536		DN100	750	1810	1090	1700
DSR-420F	55	1942		DN125	850	2000	1200	1800
DSR-480F	60	2118		DN125	850	2000	1200	1800

\*Different Voltage and Frequency are available upon request

Model	Flow (m³/min)	Pipe Diameter	Size		Filter Core No. (Q/P/S/C)
			W(mm)	H(mm)	
DSR-015	1.5	G1"	95	270	1
DSR-024	2.4	G1"	110	340	1
DSR-035	3.8	G1 1/2"	110	340	1
DSR-060	6.5	G1 1/2"	110	490	1
DSR-090	10.7	G2"	160	520	1
DSR-120	13.5	G2 1/2"	160	870	1
DSR-150	17	G2 1/2"	160	870	1
DSR-200	20	G2 1/2"	180	1040	2
DSR-240	25	DN80	320	1200	2
DSR-300	30	DN80	450	1163	2
DSR-360	36	DN100	450	1163	3
DSR-450	45	DN100	450	1163	3
DSR-600	60	DN125	473	1186	4

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