

www.costeckair.com



Rotary Screw Compressor

Range:
7.5 - 132kW

- Reliable Air-End
- High Efficiency Motor
- Oversize Cooler & Fan
- High Quality Spare Parts



On Air End



^hCOSTECK

Company Overview

COSTECK Air Private Limited has been established with a vision of serving the best quality compressed air products globally. The factory has the capability to design and manufacture compressed air products in compliance with ISO 9001 CERTIFICATION as per global industry standard. Costeck also owns advance assembly, Production line & testing equipment to fulfill the requirements within short span of time.

COSTECK Screw Air Compressor are widely used in industry alike oil, chemical, plastic, cement, agricultural, food processing, construction, sugar, health, hosiery, rubber and many more. Fixed speed screw air compressor, variable speed screw air compressor, permanent magnet variable speed screw air compressor with range from 7.5kw - 132kw.

We pride ourselves in providing best quality services & tailor made solutions for our customers by which they are able to achieve cost efficient operations. In addition we also provide dryers, filters & pneumatic products to match treated air output as per required standard.

COSTECK take cares of its customer service, need across the country via rapid response system and air restoration with minimal down time.

Energy efficiency, customer centric solutions are the guiding principles of Costeck Air pvt ltd.



OIL INJECTED AIR COMPRESSOR

01

AIR END

Reliable & Stable Quality
Air End with more air
delivery capacity

02

HIGH EFFICIENCY MOTOR

High efficiency totally
enclosed fan cooled motor with
protection class IP54/IP55
and insulation class F.

03

ELECTRICAL PANEL

Electrical elements, contractor
and wiring are of superior
quality to assure safety
and reliability



04

EFFICIENT RADIATOR

High quality aluminum fins
and copper coil materials with
good thermal conductivity
ensure the perfect cooling
efficiency.

05

SEAMLESS STEEL PIPE

Whole seamless steel pipeline
system, reduce the oil leakage.
With reasonable layout to
save space and reduce
pressure loss.

06

OIL GAS TANK

Use German technology,
cyclonic and string separator,
to ensure the oil content
is less than 2ppm.

Direct Driven

Screw Compressor



- Motor and air-end are directly connected through star coupling which eliminate the uses of gearbox and improve the transmission efficiency.
- COSTECK Screw Air Compressor are stable, reliable and more efficient with minimal vibration offering around the clock operation to the user.
- This compressor have been designed for the higher ambient temperature which reduces the possibilities of shutdown caused by temperature issue.
- COSTECK Air Compressors are canopy packed, low noise, less vibration, higher cooling system and intelligent control system

Technical Specification



Model	Working Pressure		Free Air Delivery		Motor Power		Noise Level DBA	Connection	Weight Kgs.	Dimension (L*W*H) mm.
	Bar	PSI	M3/min	CFM	H.P.	KW				
COS 10	8	116	1.08	38	10	7.5	68	G3/4"	370	850*600*850
	10	145	1	35						
COS 15	8	116	1.8	64	15	11	68	G1"	400	1410*850*1135
	10	145	1.5	54						
COS 20	8	116	2.6	92	20	15	70	G1"	450	1410*850*1135
	10	145	2.25	80						
COS 25	8	116	3.2	113	25	18.5	70	G1"	500	1410*850*1135
	10	145	2.75	98						
COS 30	8	116	3.8	134	30	22	70	G1"	540	1410*850*1135
	10	145	3.3	116						
COS 40	8	116	5.25	186	40	30	72	G1-1/2"	600	1530*930*1255
	10	145	4.75	168						
COS 50	8	116	6.5	228	50	37	72	G1-1/2"	650	1530*930*1255
	10	145	5.8	206						
COS 60	8	116	7.6	268	60	45	72	G1-1/2"	760	1530*930*1255
	10	145	7	248						
COS 75	8	116	10.3	364	75	55	72	G1-1/2"	1000	1800*1125*1430
	10	145	9.25	328						
COS 100	8	116	14	492	100	75	74	G2"	1300	2000*1300*1600
	10	145	12.5	442						
COS 120	8	116	16.5	584	120	90	74	G2"	1800	2130*1400*1750
	10	145	14	494						
COS 150	8	116	20.25	716	150	110	74	DN65	2200	2550*1550*1900
	10	145	18.4	650						
COS 180	8	116	24.5	862	180	132	74	DN65	2400	2550*1550*1900
	10	145	22	776						

- Compressor Stage: One Stage Compression
- Standard Power Supply: 440V/50Hz/3Ph.
- Exhaust Temperature: Ambient Temperature + 15°C
- Please contact us for any specification that is not within the above mentioned standards.

Refrigerated Air Dryer

Technical Specification



Model	Air Flow		Maximum Operating Pressure		Power Supply V/Ph/Hz	Air Connection	Dimension (L*W*H) mm.
	M3/min	C.F.M.	KG/CM2	PSI			
CRD 10	0.28	10	16	228	230/1/50	1/2"	480*400*625
CRD 20	0.57	20	16	228	230/1/50	1/2"	480*400*625
CRD 40	1.13	40	16	228	230/1/50	3/4"	480*400*625
CRD 50	1.42	50	16	228	230/1/50	3/4"	480*400*625
CRD 60	1.70	60	16	228	230/1/50	3/4"	480*400*625
CRD 80	2.27	80	16	228	230/1/50	1"	680*560*850
CRD 100	2.83	100	16	228	230/1/50	1"	680*560*850
CRD 125	3.54	125	16	228	230/1/50	1-1/2"	680*560*850
CRD 150	4.25	150	16	228	230/1/50	1-1/2"	680*560*850
CRD 200	5.66	200	16	228	230/1/50	1-1/2"	750*650*1000
CRD 250	7.08	250	16	228	230/1/50	1-1/2"	750*650*1000
CRD 300	8.49	300	16	228	415/3/50	2"	950*850*1250
CRD 350	9.91	350	16	228	415/3/50	2"	950*850*1250

Operating Range:

- Working Pressure:
0.6-1.63 Mpa (Normal Type)
3.0-4.0 Mpa (Normal Type)
- Ambient Temperature: 5-45°C
- Max Inlet Temperature: <80°C

Standard Conditions:

- Air inlet Temperature: 38°C
- Ambient Temperatures: 35°C
- Working Pressure: 0.7 Mpa
- Pressure Dew Point: 2-10°C
- Refrigerant: C22/C134
- Cooling Method: Air-Cooled
- Please contact us for any specification that is not within the above mentioned standard

Other Major Products & Services available at Costeck

Overhauling of Screw Air-End



Our company offer elements overhauling of Air Compressor of all brand like **ELGI, ATLAS COPCO, C.P.T, KAESER, I.R.** etc.

High Pressure Oil Free Compressor



Our oil free high pressure compressor's having low R.P.M & 24*7 operation duty with very less maintenance cost.

Replacement spare parts for all other brands



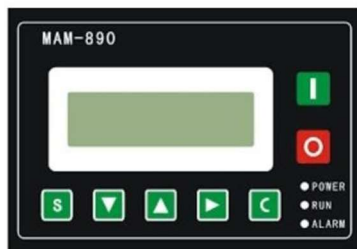
Costeck offers all spares parts for any other compressor brands with very superior quality & guaranteed life.

Air Receiver Tank



We are committed to deliver the best quality air receiver tank for operating pressure up to 40 bar.

Repairing & Replacement of P.L.C.



Hundreds of successful repairing & replacement of P.L.C has been done by us.

Compressed Air Aluminum Piping



We offer compressed air aluminum piping for pressure up to 16 bar with a warranty of 10 year's.