

## ROTARY SCREW AIR COMPRESSOR



**HEART OF YOUR EMPIRE**

## TECHNICAL SPECIFICATION OF SCREW AIR COMPRESSOR

MODEL	POWER (KW)	RPM	FREE AIR DELIVERY				NOISE (DB)	MACHINE DIMENSION (L*W*H) MM	WEIGHT (KG)	AIR OUTLET INCH / MM
			CFM		(M <sup>3</sup> /MIN)/Mpa					
ECI-10D	7.50	2900	45.92 33.55	38.85 30.37	1.27/0.7 0.95/1.0	1.10/0.8 0.86/1.3	62±2	900*650*920	215	G1 3/4"
ECI-15D	11	2900	65.34 49.44	57.21 46.26	1.85/0.7 1.40/1.0	1.62/0.8 1.31/1.3	62±2	1080*700*1090	335	G1 1"
ECI-20D	15	2900	91.83 77.70	88.30 56.86	2.60/0.7 2.20/1.0	2.50/0.8 1.61/1.3	62±2	1080*700*1090	335	G1 1"
ECI-25D	18.50	2900	113.02 92.53	109.49 74.17	3.20/0.7 2.62/1.0	3.10/0.8 2.10/1.3	63±2	1300*855*1150	465	G1 1"
ECI-30D	22	2900	134.21 113.02	127.15 98.90	3.80/0.7 3.20/1.0	3.60/0.8 2.80/1.3	63±2	1320*880*1070	468	G1 1"
ECI-40D	30	2900	183.66 158.94	176.67 134.21	5.20/0.7 4.50/1.0	5.00/0.8 3.80/1.3	63±2	1500*1000*1330	620	G1 1.5"
ECI-50D	37	2900	240.17 197.79	218.98 173.06	6.80/0.7 5.60/1.0	6.20/0.8 4.90/1.3	63±2	1500*1000*1330	630	G1 1.5"
ECI-60D	45	2900	282.56 247.24	271.96 204.85	8.00/0.7 7.00/1.0	7.70/0.8 5.80/1.3	68±2	1500*1000*1380	825	G1 1.5"
ECI-75D	55	2900	381.45 317.88	356.73 300.22	10.80/0.7 9.00/1.0	10.10/0.8 8.50/1.3	68±2	2045*1250*1705	1250	G2"
ECI-100D	75	2900	480.35 409.71	469.75 353.20	13.60/0.7 11.60/1.0	13.30/0.8 10.00/1.3	68±2	2045*1250*1705	1450	G2"
ECI-120D	90	2900	582.78 515.67	547.46 434.43	16.50/0.7 14.60/1.0	15.50/0.8 12.30/1.3	68±2	2340*1480*1820	1820	DN50
ECI-150D	110	2900	759.38 618.10	724.06 572.18	21.50/0.7 17.50/1.0	20.50/0.8 16.20/1.3	68±2	2568*1620*1985	1970	Dn65
ECI-175D	132	2900	925.38 777.04	883.00 724.06	26.20/0.7 22.00/1.0	25.00/0.8 20.50/1.3	72±2	2568*1620*1985	2400	DN65
ECI-200D	160	2900	1013.68 868.87	974.83 759.38	28.70/0.7 24.60/1.0	27.60/0.8 21.50/1.3	72±2	2720*1750*2125	2600	DN65

D: DIRECT DRIVEN COOLING TYPE : AIR COOLING

### FEATURES

2 years of warranty for screw air end

Oil cooler is designed at 45°C ambient temp

Which is suitable for Indian industrial circumstances

All parts are designed with universal design code/standard

Consumable cost is low up to 35% as compare to others

Thermostatically operated fan motor

### ONE TO ONE GEAR LESS DIRECT DRIVE SCREW AIR COMPRESSOR

AT LOW SPEED 2900 RPM LARGE AIR END ARE MORE EFFICIENT THAN HIGH SPEED AIR ENDS, DELIVERING MORE COMPRESSED AIR FOR SAME DRIVE POWER, LOWER SPEED MEANS INCREASED EFFICIENCY AND DURABILITY WITH REDUCED COMPRESSED AIR COST, LESS WEAR & LESS MAINTENANCE COST.

• **INTELLIGENT CONTROLLER**

AUTOMATIC REMINDER ALERT FOR MAINTENANCE & REPLACEMENT  
INTELLIGENT HUMAN-COMPUTER INTERFACE  
SHOWING FAULT RECORD  
SHOWING REAL TIME RUNNING DATA

• **FILTER SYSTEM**

GERMANY BRAND OIL FILTER  
GERMANY BRAND AIR FILTER  
GERMANY BRAND AIR OIL SEPARATOR  
EQUIPPED WITH DIFFERENTIAL PRESSURE TRANSDUCER



• **MOTOR**

HIGH EFFICIENCY IE3/IE4  
ENERGY SAVING  
INSULATION GRADE F  
PROTECTION GRADE IP55  
RELIABLE & LONG LASTING DURABILITY

• **ELECTRICAL COMPONENTS**

FRANCE ORIGINAL SCHNEIDER MAKE ELECTRICAL COMPONENTS  
DEFAULT PHASE PROTECTION  
OVER TEMPERATURE PROTECTION  
IDLE LOAD PROTECTION  
AUTOMATIC UNLOADING  
AUTOMATICALLY ADJUST AIR DELIVERY



• **INTAKE VALVE**

ADVANCE AIR FLOW CONTROL SYSTEM  
AIR DELIVERY ADJUSTMENT RANGE 0-100%  
BALANCE AIR SUPPLY & AIR CONSUMPTION ENERGY SAVING

• **AIR END**

LARGE ROTORS & LARGE BEARING TO ENSURE LOW SPEED LINER SCREW ROTOR  
THIRD GENERATION 5:6 MALE & FEMALE HELICAL ROTORS WITH SKF BEARING  
HIGH PERFORMANCE, LOW NOISE, LOW VIBRATION  
OUTSTANDING DURABILITY & LONG SERVING LIFE

## TANK MOUNTED SERIES



## TANK MOUNTED SERIES SPECIFICATION

MODEL	HP	FAO CFM	M <sup>3</sup> /min Bar	DRYER	TANK	FILTER
ECTM-10	10 HP	45 CFM	1.29/7	60CFM	300LTR/500LTR	60CFM
ECTM-15	15 HP	65 CFM	1.85/7	80CFM	500LTR/650LTR	100CFM
ECTM-20	20 HP	91 CFM	2.60/7	100CFM	500LTR/650LTR	100CFM

## OTHER PRODUCTS

SCREW AIR COMPRESSOR PM+VFD	TWO STAGE SCREW AIR COMPRESSOR	RECIPROCATING AIR COMPRESSOR
100% OIL FREE AIR COMPRESSOR	VACUUM PUMPS	REFRIGERANT TYPE AIR DRYER
AIR RECEIVER TANK	LINE FILTER	COMPRESSED AIR LINE

## GEM AIR COMPRESSOR (INDIA) PVT LTD

314/2 & 315/1/3, Phase 1, opp. Ashopalav Flate,  
Nilkanth Mahadev Road, Near GIDC POST OFFICE,  
Gate No. 5, GIDC Naroda, Ahmedabad, Gujarat 382330

+91 9974000866  
contact@gemaircompressor.com  
www.gemaircompressor.com

AUTHORISED DEALER