



**RECIPROCATING / HIGH PRESSURE
AIR COMPRESSORS**

Quality Ensured



AIR COMPRESSORS

50 YEARS OF
EXCELLENCE



**THE MAXIMUM QUALITY
AND ORIENTATION TOWARDS
CUSTOMERS NEEDS.**

www.metroaircompressor.com

The Company

Metro Engg. Equipment Company is a well established ISO Certified Company and the company has started in the year of 1970, We offers Quality Compressors for the industries and borewell compressors for agriculture purpose. The company brand name "METRO" is very popular in the compressor market and the company has dealers and distributors all over the country

All the compressors are manufactured with perfection in every respect. Right since the choice of raw materials to the finished product the process is keenly watched by company's experienced technical body.

All Models are fitted with pressure switch automatic unloader except SPM - 6 & 7 Model, for those models pressure switch can be fixed upon extra Charges.

These units are produced from high quality materials coupled with skilled workmanship to ensure utmost reliability and efficiency in operation under most arduous conditions.

Finger type valves are provided for easy flow of air and efficiency. (This valve system is very easy to clean or replace if necessary).

The compressors cover a wide range of single stage cylinder, single stage twin cylinder, two stage two cylinders, portable and stationary with vertical or horizontal air receivers.

All the compressors are fitted with ball bearings to the connecting rod on both sides which will give smoother running and longer life. the side cover in the crank case is provided with unbreakable transparent sheet which enable the clear function of the ball-bearings fitted connecting rod and oil splash lubrication visible and its added attraction too.



SPM 8



DPL 11



DCH 12



DC 14

standard equipment includes air filter, gauge, relief valve, non - return valve, drain cork, vee belt drive, adjustable slide rails etc. Automatic pressure switch is provided in higher capacity portable units. Special fan type fly wheel is provided for maximum air cooling. the non-return valves and relief valves have synthetic rubber seats for longer life.

lubrication System is by splash for a sufficient supply of oil to all parts during operation.

all receivers are specially built with heavy gauge mild steel and hydraulically tested. hand holes are provided for easy cleaning and maintenance in big size receivers.

inter coolers are provided in heavy duty multi cylinder compressors.

all our compressors are put under rigorous test in our laboratory.

Every unit is guaranteed to be free from in material or workmanship for a period of one year from the date of delivery as per guarantee card.

TECHNICAL DATA

SINGLE STAGE SINGLE CYLINDER UNITS

S. No.	Model	No. of. Cylinders	RPM	Displacement Min.	C.Ft. / Ltr. Min	Working Pressure PSI Kg./CM2		Motor H.P	Tank Capacity Litres
01	SPM 6	1	650	3.1	95	57	4	0.50	36
02	SPM 7	1	650	4.6	128	70	5	1.00	55
03	SPLM 8	1	700	4.6	162	98	8	1.00	70
04	SPM 8	1	700	6.0	162	112	8	1.00	110
05	SPM 9	1	700	6.0	162	120	8.5	1.50	125

SINGLE STAGE DOUBLE CYLINDER UNITS

S. No.	Model	No. of. Cylinders	RPM	Displacement Min.	C.Ft. / Ltr. Min	Working Pressure PSI Kg./CM2		Motor H.P	Tank Capacity Litres
06	DC 8	2	700	7.4	204	110	8	1.5	110
07	DC 9	2	700	10.0	275	120	8.5	2.0	125
08	DC 10	2	700	10.0	275/300	142	10	2.0	160/200
09	DPL 11	2	700	13.0	358	145	10.5	2.5	225
10	DC 11	2	700	24.0	662	156	11	3.0	275
11	DC 12	2	700	30.0	830	171	12	5.0	300
12	DC 13	2	700	40.0	1040	171	12	7.5	330
13	DC 14	2	700	48.0	1296	171	12	10.0	425
14	DC 15	2	700	68.0	1934	171	12	12.5	425

SINGLE STAGE THREE CYLINDER UNITS

S. No.	Model	No. of. Cylinders	RPM	Displacement Min.	C.Ft. / Ltr. Min	Working Pressure PSI Kg./CM2		Motor H.P	Tank Capacity Litres
15	THC 18	3	700	35.0	945	171	12	10.0	425
16	THC 19	3	700	48.0	1226	171	12	12.0	525
17	THC 20	3	700	61.0	1691	171	12	15.0	700
18	THC 21	3	700	70.0	1900	171	12	20.0	700

TWO STAGE DOUBLE CYLINDER UNITS

S. No.	Model	No. of. Cylinders	RPM	Displacement Min.	C.Ft. / Ltr. Min	Working Pressure PSI Kg./CM2		Motor H.P	Tank Capacity Litres
19	DCH 10	2	700	6.0	162	135	9.5	2.0	160
20	DCH 11	2	700	12.0	313	171	12.0	3.0	275
21	DCH 12	2	700	15.5	420	185	13.0	5.0	330
22	DCH 13	2	700	20.0	540	185	13.0	7.5	425
23	DCH 14	2	700	25.0	701	185	13.0	10.0	425
24	DCH 15	2	700	34.0	920	185	13.0	12.5	525

TWO STAGE THREE CYLINDER UNITS

S. No.	Model	No. of. Cylinders	RPM	Displacement Min.	C.Ft. / Ltr. Min	Working Pressure PSI Kg./CM2		Motor H.P	Tank Capacity Litres
25	TCH 18	3	700	25.0	690	185	13.0	10.0	425
26	TCH 19	3	700	31.0	830	198	14.0	12.5	525
27	TCH 20	3	700	41.0	1080	198	14.0	15.0	700
28	TCH 21	3	700	48.0	1296	198	14.0	20.0	1000

METRO BOREWELL PUMPS

"METRO" Borewell Pumps are exclusively designed to draw water from borewells at any depth. The compressed air will enter into the borewell through pipe line up to the bottom, where it is connected to a water pipe which pushes the water to the field overhead tank or places where the water is required.

The Main Advantages of the METRO Borewell Pumps are :

1. The water can be drawn at any depth even at 600 Feet.
2. Only pipe lines are kept in the even borewell. the compressor pump and motor can be erected at any convenient place.
3. The maintenance is very simple. Only oil level is to be Maintained properly.
4. Compressor pumps are available from 1 HP. to 20 HP in single cylinder, double cylinder and three cylinder models.
5. Depending upon the water source and consumption one has to choose the compressor from our wide range of compressors.
6. Compressors can be operated with motor or diesel engines.
7. Even PVC pipes of good quality can be used in the place of G.I pipes.
8. The water output is mainly dependent upon the yield and spring in the borewells.

PERFORMANCE TABLE FOR BOREWELL PUMPS Depth of Water Level In Feet and Output of Water in Litre per Hour

Compressor H.P.	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'
1.00 H.P/S.C	1500	1000	750	-	-	-	-	-	-	-	-
1.5 H.P/S.C	3000	2000	1500	1000	-	-	-	-	-	-	-
2 H.P/D.C	5000	3500	3000	2000	1000	-	-	-	-	-	-
3 H.P/D.C	7500	7000	6000	5000	4000	3000	-	-	-	-	-
5 H.P/D.C	10,000	9000	8000	7000	6000	5000	3500	3000	-	-	-
7.5 H.P/D.C	12,500	12,000	11,000	10,000	8500	7,500	6000	5000	3500	2500	1500
10.00 H.P/D.C	15,000	14,000	13,250	12,500	11,000	10,000	9000	7500	6500	5000	3000
15.00 H.P/D.C	17,500	17,000	16,000	15000	13,500	12,500	10,000	9000	7500	6000	5000
20.00 H.P/T.HC	20,000	19,000	18,000	16,500	15,000	14,000	12,500	10,000	9000	7500	6000

The Quality of water available will vary according to the water source available in the borewell. 85% of water output is available when comparing to high speed Mono blocs and submersible pumps of the same horse power. For your requirements kindly write to us (in the address) with the following Details.

1. Bore Size
2. Bore Depth
3. Approximate Quantity of water required per day
4. Whether for irrigation or industrial or household purpose.

When we receive the above particulars from you we will recommend the correct size of compressor unit and pipe fitting for your requirements.



ENGINEERING EQUIPMENTS COMPANY

(Mfrs. : Air Compressors, Screw Compressors & Borewell Pumps)

16, Kannusamy Gdr. Street, 1st Cross, Near Railway Gate, Rathinapuri, Coimbatore - 641027.

Phone : 0422-2332543, Mobile : 97917 33999, 94430 49972, Fax : 0422-2333499

E-Mail : Metroaircompressor@yahoo.com