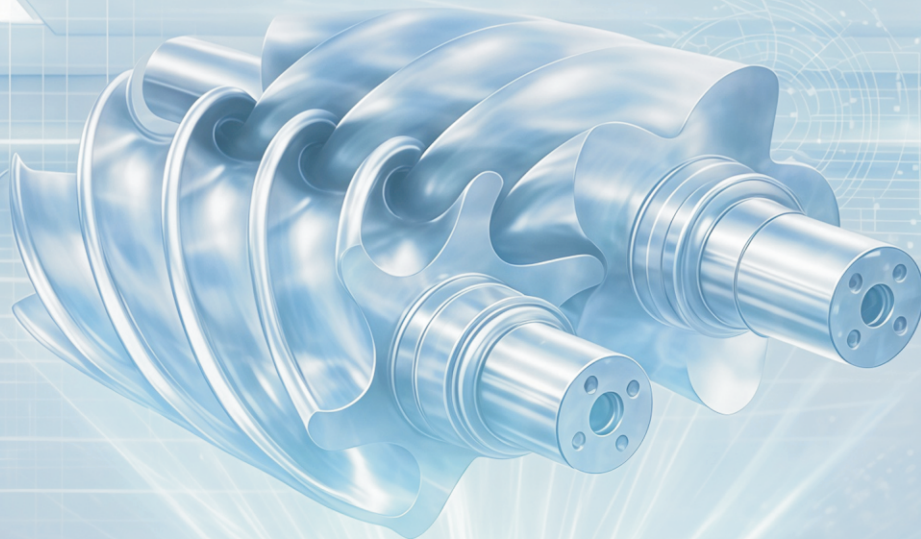


EMAX SCREW COMPRESSOR



www.emaxpowers.com



COMPANY PROFILE

EMAX is a leading supplier & exporter specializing in high quality professional air piston and screw compressor ,with companies in Shanghai & Taiwan.



Frank Sun

The founder of EMAX Mr Frank Sun started the pneumatic career in 1986 after his bachelor degree of mechanical engineering at Feng Chia University in Taiwan.

EMAX has an experienced team with 25 staff in Shanghai and 5 staffs in Taiwan plus partners located in Shanghai, Zhejiang & Jiangsu.

EMAX provides product development, quality control, sourcing, purchasing and logistics services. We held patents, tooling and certificates (compressor and pressure vessel)

Together we can create a better AIR future together !



AS1210 EAC



Australia USA Latin America Mideast Europe

CONTENTS

FB Series 2-in-1 PM Screw Compressor -----	01
FB Series 4-in-1 PM Screw Compressor -----	02
3-10HP Scroll Compressor -----	03
NK Series Screw Compressor -----	04
3-10HP TSC PM Screw Compressor -----	06
TSDE 4-in-1 PM Compressor -----	08
Portable Screw Compressor PSP-35F -----	09
STD Screw Compressor -----	10
5.5-100HP PM Screw Compressor-----	12
Vertical Air Tank -----	14
Synthetic Oil-----	15

**2 IN 1
WITH TANK**

**FB SERIES PM SCREW
3HP-10HP
AIR COMPRESSOR**

MODEL NO.	POWER (HP)	MAX PRESSURE (BAR)	AIR DELIVERY (L/MIN)	Air tank (Litre)	Air dryer	Micro Filters (C/T/A/H)	Dimension (cm)	Weight (Kgs)
TFB-30200PV	3	10	300	200	Without	Without	130*51*125	145
TFB-55200PV	5.5	10	470	200	Without	Without	130*51*125	156
TFB-75200PV	7.5	10	550	200	Without	Without	130*51*125	164
TFB-100200PV	10	10	1100	200	Without	Without	130*51*125	173

VSD control : Permanent magnetic motor and Inverter, single & three available.



**the
leader**



**4 IN 1 WITH
DRYER, TANK & FILTERS**

**FB SERIES PM SCREW
AIR COMPRESSOR**

MODEL NO.	POWER (HP)	MAX PRESSURE (BAR)	AIR DELIVERY (L/MIN)	Air tank (Litre)	Air dryer	Micro Filters (C/T/A/H)	Dimension (cm)	Weight (Kgs)
TFBD-30250PV	3	10	300	250	With	With	150*51*125	175
TFBD-55250PV	5.5	10	470	250	With	With	150*51*125	186
TFBD-75250PV	7.5	10	550	250	With	With	150*51*125	194
TFBD-100250PV	10	10	1100	250	With	With	150*51*125	215

VSD control : Permanent magnetic motor and Inverter, single & three available.



**the
leader**



95% Volume Efficiency
PLC Control
No Water Condensation

Quiet



MODEL NO.	POWER (HP)	MAX.PRESSURE (BAR)	FAD@10 Bar (L/MIN)	Noise level (dB)	TANK (L)	WEIGHT (KGS)	DIMENSION (CM)
TSLO-30150C	3	10	320	68	150	155	104x40x118
TSLO-40200C	4	10	450	68	200	168	110x45x127
TSLO-60200C	6	10	660	72	200	205	125x45x127
TSLO-100250C	10	10	1000	74	250	260	135x50x120



SCREW COMPRESSOR

NKTD SERIES

Modular air block

Inverter VSD with permanent motor



MODEL NO.	Voltage&Frequency	POWER (HP)	MAX PRESSURE (BAR)	FAD (L/MIN)	Air tank (Litre)	Air dryer	Micro Filters
NKTD-5.5PV	3 phase 380V/50Hz	5.5	10	400	250	With	With C,T,A grade
NKTD-7.5PV	3 phase 380V/50Hz	7.5	10	660	300	With	With C,T,A grade
NKTD-10PV	3 phase 380V/50Hz	10	10	1000	300	With	With C,T,A grade
NKTD-15PV	3 phase 380V/50Hz	15	10	1450	300	With	With C,T,A grade
NKTD-20PV	3 phase 380V/50Hz	20	10	2000	300	With	With C,T,A grade

**SELF-DEVELOPED
INNOVATIVE**

INTEGRATED AIR END

Simple body structure

Oil content is less than 1PPM

Integrated oil and air separator

Easy to maintain, disassemble and assemble



Modular air block

Inverter VSD with permanent motor

NK SERIES

NKT SERIES



MODEL NO.	Voltage&Frequency	POWER (HP)	MAX PRESSURE (BAR)	FAD (L/MIN)	Air tank (Litre)
NK-3PV	Single phase 220V/50Hz	3	10	260	Without
NK-5.5PV	Single phase 220V/50Hz	5.5	10	400	Without
NK-7.5PV	3 phase 380V/50Hz	7.5	10	660	Without
NK-10PV	3 phase 380V/50Hz	10	10	1000	Without
NK-15PV	3 phase 380V/50Hz	15	10	1450	Without
NK-20PV	3 phase 380V/50Hz	20	10	2000	Without
NKT-3PV	Single phase 220V/50Hz	3	10	260	100
NKT-5.5PV	3 phase 380V/50Hz	5.5	10	400	150
NKT-7.5PV	3 phase 380V/50Hz	7.5	10	660	150
NKT-10PV	3 phase 380V/50Hz	10	10	1000	150
NKT-15PV	3 phase 380V/50Hz	15	10	1450	250
NKT-20PV	3 phase 380V/50Hz	20	10	2000	250

SCREW COMPRESSOR

PERMANENT MAGNET VARIABLE FREQUENCY

Single phase 3HP
Three phase 5-10HP



- ✓ **IE4/IP65 oil cooled** permanent magnet electric motor.
- ✓ **With air dryer**
- ✓ **Large size air end, low speed, sufficient air flow.**
- ✓ **6PCS heavy-duty bearings, morse taper connection.**
- ✓ **Easy to install and maintain.**
- ✓ **Low noisy 65DB.**
Built-in 90L tank.
- ✓ **Optional air dryer(see fig.1)**



(fig.1)

SCREW COMPRESSOR

PERMANENT MAGNET VARIABLE FREQUENCY

Model No.	Tank Capacity		Motor Power		Vol./Fre.	Displacement	Working Pressure		Noise Level	Connection	Weight	Dimension
	l	Kw	HP	V/Hz	l/min	bar	p.S.i.	dB(A)	G	kg	LxWxH(cm)	
TSC-3EFT-10	90	2.2	3	230V/50Hz/10	200-220	10	145	65	1/2"	250	91x69x175	
TSC-5EFT-10	90	3.7	5	380V/50Hz/30	175-375	10	145	65	1/2"	250	91x69x175	
TSC-6EFT-10	90	4.5	6	380V/50Hz/30	250-420	10	145	65	1/2"	250	91x69x175	
TSC-7.5EFT-10	90	5.5	7.5	380V/50Hz/30	300-550	10	145	66	1/2"	260	91x69x175	
TSC-10EFT-10	90	7.5	10	380V/50Hz/30	400-900	10	145	66	1/2"	260	91x69x175	

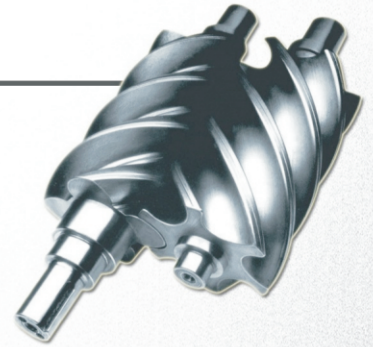
Single phase , with wide applicable scenes, wide voltage service, frequency conversion technology, and small starting current, residential electricity is also accepted, and its cost is about 1/2 of that of industrial three phase electricity , variable frequency motor has the energy efficiency 50% higher than that of the ordinary motor.

Under different conditions, the demand for air will float. Through a large number of research and calculation of market demand, EMAX confirmed, only about 10% of applications require stable air supply. Therefore, frequency conversion compressor can play a greater role in energy saving.

EMAX

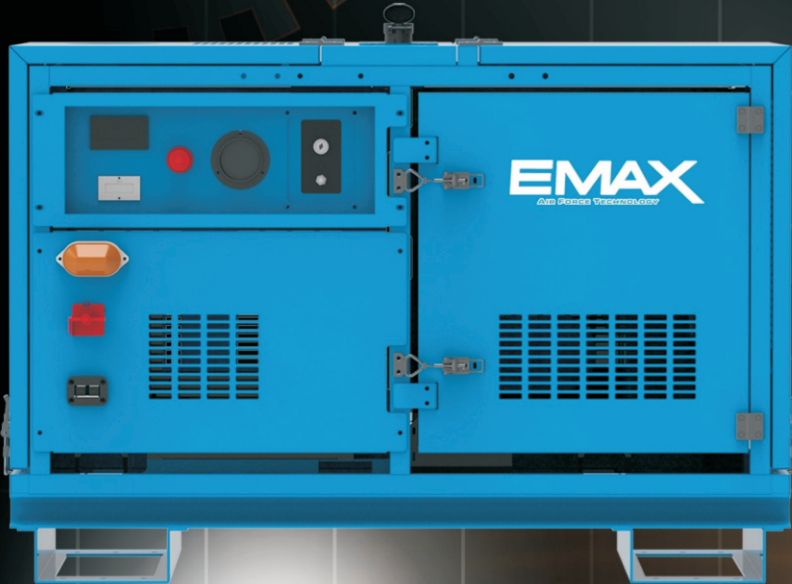
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GET YOUR PM SCREW COMPRESSOR TSDE SERIES



Model No.	Power Supply (KW)	Free Air delivery (@8BAR)	Free Air delivery (@10BAR)	Tank (L)	Noise level (dB)	Air outlet	Dimension			Weight (KGS)
							length (cm)	width (cm)	height (cm)	
TSDE-7.5A	5.5	700	/	200	68	3/4"	130	85	127	210
TSDE-10A	7.5	1100	950	200	68	3/4"	167	85	157	516
TSDE-15A	11	1500	1300	300	68	3/4"	167	85	157	556
TSDE-20A	15	2300	2100	300	68	3/4"	167	85	157	596

Portable Screw COMPRESSOR



Overheat auto shutdown system



Specifications:

Model No.	Working pressure (Bar)	Free Air delivery (L/min)	Duty cycle	Weight (kgs)	Dimension L*W*H(cm)
PSP-35F	8 (10 Optional)	980	100%	180	105*60*76

Base skid for mounting on truck

Electric start with Apollo battery

Automatic idle control system



POWERED by

HONDA™

YANMAR



SCREW COMPRESSOR

O I L I N J E C T E D

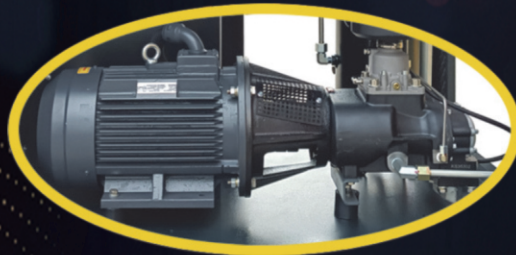




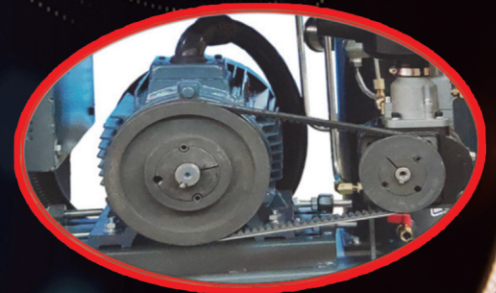
BAOSI AIREND



PLC CONTROL PANEL



DIRECT DRIVEN



BELT DRIVEN

Model No.	Power (HP)	Air delivery (M3/min/CFM)	Discharge pressure (Bar/PSI)	Noise level (dB)	Air outlet	Dimension			Weight (KGS)
						length (cm)	width (cm)	height (cm)	
TSC-7.5A	7.5	0.78/27.6	10/145	72±2	1/2"	88	63	86	150
TSC-10A	10	0.96/34.1	10/145	74±2	1/2"	88	63	86	170
TSC-15A	15	1.7/60	10/145	76±2	3/4"	106	72	101	260
TSC-20A	20	2.3/81.3	10/145	77±2	3/4"	106	72	101	280
TSC-25A	25	3.0/106	10/145	79±2	1"	121	82	116	380
TSC-30A	30	3.6/127.2	10/145	79±2	1"	121	82	116	400
TSC-40A	40	5.0/176.7	10/145	81±2	1 1/2"	136	98	126	550
TSC-50A	50	6.2/219	10/145	82±2	1 1/2"	136	98	126	580
TSC-60A	60	7.2/254.3	10/145	83±2	1 1/2"	136	98	126	620
TSC-75D	75	9.2/325	10/145	84±2	2"	176	126	156	950
TSC-100D	100	12.6/445.1	10/145	84±2	2"	176	126	156	1050
TSC-120D	120	15.1/533.4	10/145	86±2	2"	176	126	156	1150
TSC-150D	150	19.8/699.4	10/145	86±2	2 1/2"	240	148	185	1600
TSC-175D	175	23.2/819.5	10/145	86±2	2 1/2"	240	148	185	1800
TSC-200D	200	27.6/974.9	10/145	90±2	DN100	280	160	200	2600
TSC-250D	250	30.2/1066.8	10/145	90±2	DN100	280	160	200	2900



SCREW COMPRESSOR

PERMANENT MAGNET

VARIABLE SPEED



Energy
Saving





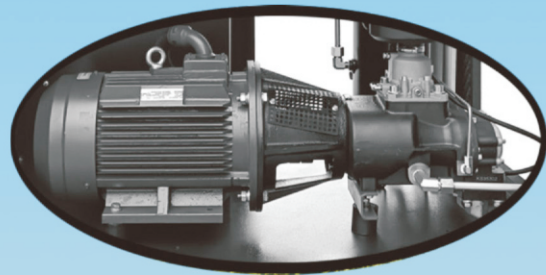
SCREW COMPRESSOR

PERMANENT MAGNET

VARIABLE SPEED



Inverter



Joint Coupler for Easy Maintenance
IP54 Motor Protection

Model No.	Power (HP)	Air delivery (M ³ /min/CFM)	Discharge pressure (Bar/PSI)	Inverter	Noise level (dB)	Air outlet	Dimension			Weight (KGS)
							length (cm)	width (cm)	height (cm)	
TSC-5.5PV	5.5	0.48/16.9	8/115	ZONCN	65±2	1/2"	80	63	86	105
TSC-7.5PV	7.5	0.69/24	8/115	ZONCN	65±2	1/2"	80	63	86	115
TSC-10PV	10	1.06/37.4	8/115	ZONCN	66±2	1/2"	80	63	86	130
TSC-15PV	15	1.7/60	8/115	ZONCN	68±2	3/4"	106	72	101	180
TSC-20PV	20	2.2/77.7	8/115	ZONCN	68±2	3/4"	106	72	101	200
TSC-25PV	25	2.8/98.9	8/115	ZONCN	72±2	1"	106	82	116	260
TSC-30PV	30	3.6/127.1	8/115	ZONCN	72±2	1"	106	82	116	280
TSC-40PV	40	5/176.6	8/115	ZONCN	72±2	1 1/2"	120	98	126	410
TSC-50PV	50	6.1/215.3	8/115	ZONCN	72±2	1 1/2"	120	98	126	430
TSC-60PV	60	7.2/254.3	8/115	ZONCN	72±2	1 1/2"	140	102	129	450
TSC-75PV	75	9.2/324.7	8/115	ZONCN	80±2	2"	170	122	156	855
TSC-100PV	100	12/423.5	8/115	ZONCN	80±2	2"	170	122	156	915

COMPRESSED AIR STORAGE



- **ASME registered**
- **AS1210 Certified**
- **CE certified**



Pressure gauge



Safety valve



Drain valve

Vertical air tank

Model	Tank Volume (L)	Pressure (Bar)	Weight (Kgs)	Height (cm)	Diameter (cm)	Port (Inch)	Safety Valve (Inch)	Pressure gauge (Inch)	Drain Outlet (Inch)	Standard accessories	Package size (cm)
VT-300L	300	10/13	96	1549	550	1 1/2"	3/4"	1/2"	1/2"	Pressure gauge 1PC Safety valve 1PC Drain valve 1PC	ø59 x H158
VT-600L	600	10/13	165	2061	650	1 1/2"	3/4"	1/2"	1/2"	Pressure gauge 1PC Safety valve 1PC Drain valve 1PC	ø69 x H214
VT-1000L	1000	10/13	260	2182	800	1 1/2"	1	1/2"	1/2"	Pressure gauge 1PC Safety valve 1PC Drain valve 1PC	ø84 x H223
VT-2000L	2000	10/13	379	2810	1000	2	1	1/2"	1/2"	Pressure gauge 1PC Safety valve 1PC Drain valve 1PC	ø104 x H286

*Pressure up to 40 Bar

*Tank Size up to 10,000 Liters

SCREW COMPRESSOR SYNTHETIC OIL

Engineered to deliver unmatched protection and efficiency for screw compressor. Ideal for industrial applications requiring high thermal stability and reduced carbon buildup.

Extended Oil Life: Up to 30,000 hours of continuous operation, minimizing downtime and maintenance costs.

Superior Thermal Stability: Withstands temperatures up to 125 degree without oxidation or sludge formation.

Low Volatility: Reduces oil carryover and ensures cleaner air output.

Excellent Water Separation: Rapid demulsibility protects against corrosion and extends component life.

UNLEASH PEAK PERFORMANCE WITH EMAX FULLY SYNTHETIC OIL!!!



1000L



200L



20L

Model No.	Base Oil Type	Effective working hours	Appearance	Viscosity @40°C (mm ² /s)	Viscosity @100°C (mm ² /s)	Viscosity index	Flash Point (°C)	Pour Point (°C)	TAN (mgKOH/g)
ASTM test standards				D445	D445	D2270	D92	D97	D974
BW3046	Semi-synthetic oil	3500h	Clear	45.6	7.46	128	245	-30	0.12
BW4046	Semi-synthetic oil	5000h	Clear	45.3	7.51	131	245	-35	0.16
HP46	Full synthetic oil	7000h	Clear	44.3	7.92	152	258	-46	0.21
SHC8046	Full synthetic oil	8000h+	Clear	44.8	7.82	145	263	-55	0.26
PB1046	Full synthetic oil	12000h	Clear	46.2	8.6	168	260	-50	0.05
AW-24KT	Full synthetic oil	30000h+	Clear	35.1	15.2	445	308	-65	0.05

FOOD GRADE SCREW COMPRESSOR SYNTHETIC OIL



Our NS compressor lubricant is based on high viscosity index fluid, with specially selected high-temperature resistant antioxidants and anti-wear agents. This product is an NSF-certified food-grade compressor lubricant. Suitable for reciprocating compressors.

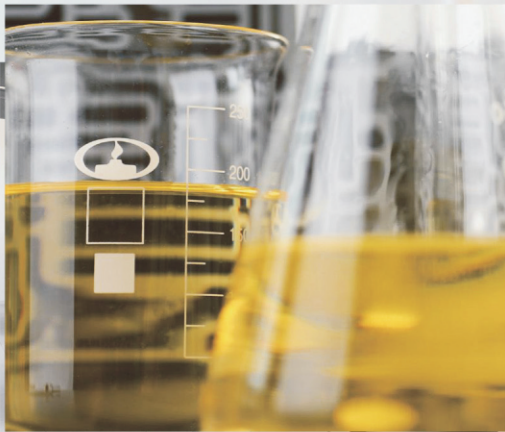
American NSF certification H1

High flash point, low volatility, reducing fuel consumption and pollution, while being safer and more reliable

Excellent lubrication performance, thereby sealing the compressor

Compressor lubricants that may come into contact with food accidentally

UNLEASH PEAK PERFORMANCE WITH EMAX FULLY SYNTHETIC OIL!!!



Model No.	Effective working hours	Appearance	Viscosity @40°C (mm²/s)	Viscosity @100°C (mm²/s)	Viscosity index	Flash Point (°C)	Pour Point (°C)	TAN (mgKOH/g)
ASTM test standards			D445	D445	D2270	D92	D97	D974
NS406	2000	Clear	45.5	7.55	132	240	-27	0.06
NS817	4000	Clear	44.6	7.61	138	248	-48	0.06



SINCE 2000
Your Business Partner

EMAX POWER (SHANGHAI) CO.,LTD

TEL: +86-21-59103323

MAIL: sales@emaxpowers.com

ADDRESS: No. 1409 JiaXin Road, MaLu Town, JiaDing District, Shanghai.

