



AIR CONNEX
DIESEL AIR COMPRESSOR

EU STAGE III/TIER 3 SERIES

ESSENTIAL
POWER ENTIRE
SAFEGUARD



01 TEWATT SCREW AIR-END

- Big rotor, low speed
- Efficient specific power
- Screw rotors 5 years/10000 hours warranty



02 INTELLIGENT CONTROLLER

- Multi-language display
- Global smart cloud management system
- GPS/GPRS control
- Full running CVT system



03 ELECTRIC FAN

- Speed can be automatically adjusted according to the temperature, more energy saving and lower noise



04 ENGINE SERIES

- Lower fuel consumption
- Excellent power to weight ratio
- Extremely long lifetime and low maintenance cost
- Global warranty



05 INTAKE SYSTEM

- Flexible CV loading/unloading function
- Anti-vomiting oil one-way function
- Normal closed low load auxiliary start-up function
- Automatic pressure balance system



Model	TWT1525D-25T /1420D-35T	TWT1364D-35T	TWT1300D-35T	TWT1200D-30T	TWT1170D-25T	TWT1100D-25T	TWT850-24T /950D-17T	TWT750D-21T	TWT680D-20T	TWT605D-17T	TWT550D-16T	TWT406D-7T	TWT375D-12T	TWT185D-7T	TWT185D-7T			
Stage	TWO																	
Free Air Delivery CFM m ³ /min	1420/1525 40.2/43.2	1364 38.6	1300 36.8	1200 34.0	1170 33.1	1100 31.2	850/950 24.1/26.9	750 21.2	680 19.3	605 17.1	550 15.6	406 11.5	375 10.6	185 5.2	185 5.2			
Working Pressure (psig/bar)	362.5(25) 507.5(35)	507.5(35)	507.5(35)	435/30	362.5(25)	362.5(25)	348 (24) / 246.5 (17)	304.5(21)	290(20)	246.5(17)	232(16)	101.5(7)	174(12)	100(7)	100(7)			
Screw Oil	145 38.3	140 37	110 29.1	110 29.1	110 29.1	100 26.4	90 23.8	90 23.8	80 21.1	70 18.5	50 13.2	40 10.6	40 10.6	20 5.3	20 5.3			
Brand	VOLVO																	
Model	TAD1643VEB	QSZ14-C560-31	QSZ13-C550-30	QSZ13-C550-30	QSZ13-C475-30	QSL8.9-C360-31	QSL8.9-C360-30	QSL8.9-C325-30	QSC8.3-C260-30	QSB5.9-C210-30	QSB5.9-C210-30	QSB3.9-C150	QSB3.9-C150	QSB3.9-C150	QSB3.9-C150			
Power (HP/KW)	768/565	600/441	550/410	550/410	475/354	400/294	360/264	325/242	260/194	210/154	210/154	150/112	150/112	150/112	48/35	48/35		
Rated/Idle Speed (rpm)	1800, 1900/1350	1750/1350	1700/1350	1850/1350	1800/1350	1850/1350	1800, 2000/1350	1800/1350	1800/1350	2000/1350	2200/1350	2000/1350	2000/1350	3000/1800	3000/1800	2600/1600		
Emission	EU STAGE IIIA																	
Battery Voltage(V)	24																	
Fuel Tank	1000/1200	1200	800	800	800	700	600	600	600	250	180	200	200	90	90	90	90	
(L)	264.17/317.01	317.01	211.34	211.3	211	185	158.5	158.5	158.5	66.04	47.55	53	53	23.78	23.78	23.78	23.78	
Connector/Qty	G3/4"×1, 2"×1																	
Wheel×Qty	20×12-16×4	20×12-16×4	ST235/80R16×4	215/75R17.5×4	ST235/80R16×4	215/75R16×4	215/75R16×4	215/75R16×4	215/75R16×4	235/80R16×2	7.00-16×2	185R14L.T×2	185R14L.T×2	165R13×2	165R13×2	165R13×2	165R13×2	165R13×2
Weight (kg)	8400	8000	5500(6000)/ 6500(7000)	5500(6000)/ 6500(7000)	6000	4500	4500	4500	4300	3000	2700	1800	1800	1250	1250	1250	1250	1250
Dimension (mm) Skid-mounted	4800X2200X2650	4800X2200X2650	3900×2100×2300/ 4200×2100×2300	3900×2100×2300/ 4200×2100×2300	3900×2100×2300	3650×2030×1860	3650×2030×1860	3650×2030×1860	3650×2030×1860	2700×1550×1700	2700×1550×1700	2250×1400×1500	2250×1400×1500	2060×1200×1200	2060×1200×1200	2060×1200×1200	2060×1200×1200	2060×1200×1200
Dimension (mm) Tow	5370×2200×2640	5300×2200×2750	4250×2100×2850/ 4550×2100×2650	4250×2100×2850/ 4550×2100×2650	4300×2100×2800	4040×2030×2250	4040×2030×2250	4040×2030×2250	4040×2030×2250	4250×2050×1980	4250×2050×1980	3600×1850×1800	3600×1850×1800	3400×1650×1500	3400×1650×1500	3400×1650×1500	3400×1650×1500	3400×1650×1500
Noise (dB(A))	85±5																	
Working Temp. (°C)	-10°C~+50°C (Special Working Conditions Can be Customized)																	

OPTIONAL PARTS:
 1. Built-in after-cooler and air-water separator meet the special requirements for discharge temperature and quality.
 2. Suction fan to ensure that the air flow to normal operation below-15°C.
 3. Free choice of mobile wheels and skid-mounted.

4. Engine cooling water heating system.
 5. High and low double pressure switching mode.
 6. P.T.O full range of customization.

Application case

Mine Drilling



Offshore application



Water well/Geothermal



Piling Foundation



Air System Solutions

PTO



7-35bar 5-40m³

Electric air compressor



7-35bar 5-40m³

Electric oil-free air compressor



7-10bar 7-52m³

Diesel oil-free air compressor



7-10bar 7-52m³

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