



TEWATT

DIESEL AIR COMPRESSOR

T4(F)SERIES

Global Manufacturing Capabilities

ESSENTIAL POWER | TOTAL PROTECTION



01I TEWATT SCREW AIR-END

- Big rotor, low speed
- Efficient specific power
- German-made bearings



04I DIESEL ENGINES

- Lower fuel consumption
- Long life & low maintenance
- Extremely long lifetime and low maintenance cost
- Global warranty



02I INTELLIGENT CONTROLLER

- Touchscreen, 1024×600 resolution
- 4GB RAM, RS485 interface
- GPS/GPRS control
- High-strength aluminum alloy housing, IP67 full-unit protection



05I INTAKE SYSTEM

- Stepless modulation control
- Inlet check valve prevents oil vomiting
- Normally closed butterfly valve assisting compressor start-up
- Automatic pressure balancing



03I VARIABLE SPEED FAN

- Speed automatically adjusted based on ambient temperature, maximizing energy savings and reducing noise



Model		TWT1350D-25T /1150D-35T	TWT1150D-25T /900D-35T	TWT1700D-10T	TWT680D-25T /750-20T	TWT1100D-7T	TWT970D-10T	TWT800D-13T	TWT530D-14T	TWT406D-10T	TWT406D-7T	TWT375D-12T	TWT360D-14T	TWT185D-7T
Stage		Two				Single								
Free Air Delivery	cfm	1350/1150	1150/900	1700	680/750	1100	970	800	530	406	406	375	360	185
Rated Pressure	psi	350/500	350/500	150	360/290	100	150	190	200	150	100	175	200	100
Compressor Oil Capacity	gal	31.7	29.1	29.1	21	21.0	21.0	21.0	13	11			5	
Engine Make		CUMMINS			CUMMINS				KUBOTA	CUMMINS			KUBOTA	
Engine Model		X15	X12	X12	B6.7				V5009-TIE5B	F3.8			V2403-CR-E5	
Power	hp	675	513	513	310				208	155	135	135	155	50
Rated/Idle Speed	rpm	1950/1350	1850/1350	1800/1350	1850/1350	2100/1350	2100/1350	2100/1350	2200/1350	2200/1350	2200/1350	2100/1350	2000/1350	2600/1800
Minimum Working Pressure	psi	218	218	87	189	58	102	145	145	116	73	116	116	65
Fuel Consumption at 0% Load	gal/h	10.6	5.3	5.3	4.8				2.6	1.6	1.3	1.3	1.6	1.1
Rated Fuel Consumption at 100% Load	gal/h	31.7	23.8	22.5	13.2				10	8	7.9	7.9	8	3.9
Emission Standard		EPA Tier 4 Final												
Battery Voltage		24 V												12 V
Fuel Tank Capacity	gal	264	211	264	77				58	37			23	
DEF Tank Capacity	gal	13	13	13	6				5	5			/	
Discharge Connections		2"×1, 3"×1	3/4"×2,2"×1	3/4"×1, 3"×1	3/4"×1,2"×1				3/4"×1,2"×1	3/4"×1, 2"×1			3/4"×2	
Discharge Temperature (Aftercooled)		°F	Ambient Temperature + 59°F											
Weight	lbs	17900	15600	18100	7750				7500	6400			2800	
Dimension (L×W×H)	Trailer Mounted	248"×82"×110"	213"×82"×102"	248"×87"×102"	210"×83"×85"				208"×85"×91"	194"×87"×82"			134"×65"×59"	
	Support Mounted	213"×82"×95"	177"×82"×87"	213"×87"×95"	144"×63"×70"				138"×63"×76"	120"×61"×65"			81"×47"×49"	
Ambient Capability without Winter Package		14°F - 122°F												

OPTIONAL PARTS:

- 1、After cooler and moisture separator.
- 2、Suction fan, for winter.
- 3、Engine Jacket water heater.

- 4、Running gear.
- 5、For more models, please contact your local dealer.

Application case



Related Products

PTO air compressor



102-580PSI/247-1518CFM

Electric air compressor



102-580 PSI/247-1412CFM

DNV Container air compressor



102-580PSI/247-1871CFM

Diesel oil-free air compressor



102-363 PSI/247-1589CFM

Zone II diesel air compressor



102-580 PSI/247-900CFM

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