

BELT DRIVE

PROFESSIONAL SERIES

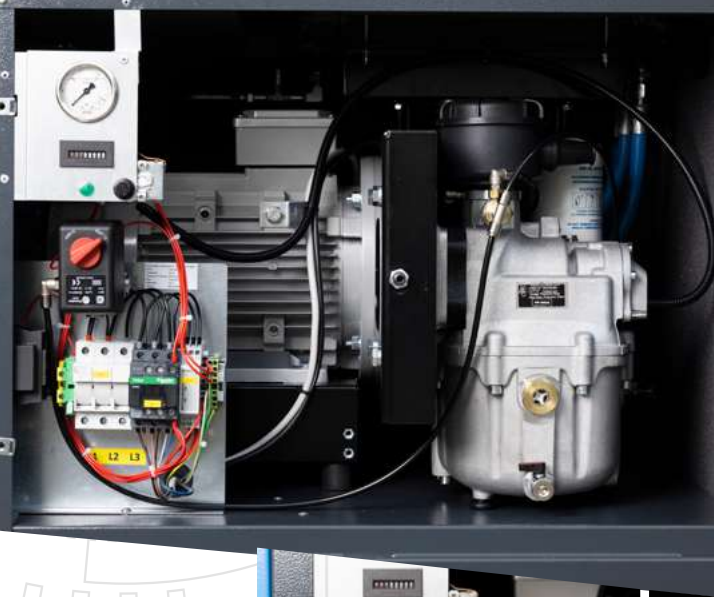
Air technology system.

COMPACT EASY 4-5-7
COMPACT TWIN 4-5-7 & VSD
ROTARY SCREW COMPRESSORS
FIXED AND VARIABLE SPEED



KTC
EXCELLENCE IN COMPRESSED AIR

COMPACT EASY 4-5-7



- Best performance low energy costs
- Designed as a industrial compressor
- Efficient cooling system
- Best performance in just a small amount of space
- Great compactness



- Electronic controller as standard with load/unload system
- Super silenced
- All-inclusive system fully integrated in aluminum case
- Fast and economical maintenance
- Anti-condensation system
- **KTRONIC 10**
Available on "VSD" version with variable speed inverter drive (Twin)



COMPACT TWIN 4-5-7 & VSD



- **KTRONIC 8** available on-off version.

INTEGRATED AIR-END

The range of screw compressors **COMPACT** 4-5-7 is equipped with the most compact air pumping unit available in the market ADAM 60 L integrating the main components of a screw compressor (air-end unit, separation sump, thermostatic valve, MPV and intake valve). High precision steel rotors with top class bearings equip an all in one compact aluminium body.



COMPACT EASY – COMPACT TWIN

Equipped with the latest generation patented VMC air-end technology, the range represents a significant improvement in efficiency and qualitative superiority due to the low environmental impact of the sound level, higher volumetric efficiency, and low maintenance costs compared to traditional piston compressors.

INNOVATION AND TECHNOLOGY DESIGNED FOR YOU
OUR DNA IS: INNOVATION.

COMPACT EASY is the best compressed air proposal to meet the needs of companies in all craft sectors and small industries. Energy efficiency and performance compared to traditional piston compressors make **COMPACT EASY** ideal for applications with compressed air requirements, where reliability and durability are essential.

The rotary technology of **VMC air-ends** offers significant advantages over piston compressors in terms of running costs, sustainability, performance, and reliability.

COMPACT VSD

COMPACT is a real revolution in the compressed air sector that allows you to offer the efficiency of an industrial screw compressor in the competitive market segments of silenced piston compressors. Equipped as standard with electronic controller, poly-v belt transmission, thermostatic valve automatic load/unload cycle, programmable stand-by timer, **COMPACT** range offers the best on the market to avoid condensation in the oil circuit with heating device as option. **VSD version available in 400 V and 230 V (1 and 3 phases)** for optimizing the energy consumption according to the real air demand with consistent costs saving (up to 50%).

MAIN FEATURES

- New generation VMC air end
- VMC suction and thermostatic valve
- Free Air Delivery (FAD)
- Superior performance with lower power consumption compared to a piston compressor
- Greater energy efficiency with limited CO2 emissions
- Lower sound level than a piston compressor
- Minimum maintenance costs
- Continuous operation
- Air cooler
- Oil cooler
- Simple to operate and manage
- Control with pressure switch (EASY)
- Control with an electronic controller (TWIN)

VARIANTS:

- Ground unit
- On 270 and 500lt tank
- With Dryer
- Tandem on 500 lt tank

EASY MODEL

(WITH PRESSURE SWITCH CONTROL)

COMPACT EASY 4-5-7 | COMPACT TWIN 4-5-7
& VSD ROTARY SCREW COMPRESSORS

Fixed and variable speed

Code	Model	Motor Power		Tank		Max. Pressure	
		[kW]	[HP]	[l]	[Gal]	[Bar]	[PSI]
COMPACT 4 - 5 - 7 EASY (grounded)							
1840313301	COMPACT EASY 4	4	5,5	/	/	8	116
1840323301						10	145
1840413301	COMPACT EASY 5	5	7,5	/	/	8	116
1840423301						10	145
1840513301	COMPACT EASY 7	7	10	/	/	8	116
1840523301						10	145
COMPACT 4 - 5 - 7 EASY (grounded with dryer)							
1840313302	COMPACT EASY 4 E	4	5,5	/	/	8	116
1840323302						10	145
1840413302	COMPACT EASY 5 E	5	7,5	/	/	8	116
1840423302						10	145
1840513302	COMPACT EASY 7 E	7	10	/	/	8	116
1840523302						10	145
COMPACT 4 - 5 - 7 EASY (on tank)							
1840313303	COMPACT EASY 4 /270	4	5,5	270	71,4	8	116
1840323303						10	145
1840413303	COMPACT EASY 5 /270	5	7,5	270	71,4	8	116
1840423303						10	145
1840513303	COMPACT EASY 7 /270	7	10	270	71,4	8	116
1840523303						10	145
1840513305	COMPACT EASY 7 /500	7	10	500	132	8	116
1840523305						10	145
COMPACT 4 - 5 - 7 EASY (on tank with dryer)							
1840313304	COMPACT EASY 4 /270 E	4	5,5	270	71,4	8	116
1840323304						10	145
1840413304	COMPACT EASY 5 /270 E	5	7,5	270	71,4	8	116
1840423304						10	145
1840513304	COMPACT EASY 7 /270 E	7	10	270	71,4	8	116
1840523304						10	145
1840513306	COMPACT EASY 7 /500 E	7	10	500	132	8	116
1840523306						10	145

Air Flow Rate*		Noise Level**	Power supply	Connections	Dimensions					Weight	
					L	x	W	x	H		
[l/min]	[CFM]	[dB(A)]	[V / Hz / Ph]		[mm]					[kg]	[lbs]
580	20,50	66	400/50/3	1/2" Gas	750	x	620	x	630	102	225
460	16,25										
760	26,80	67	400/50/3	1/2" Gas	750	x	620	x	630	105	231
650	23,00										
1050	37,10	68	400/50/3	1/2" Gas	750	x	620	x	800	111	245
900	31,80										
580	20,50	66	400/50/3	1/2" Gas	1120	x	620	x	630	129	284
460	16,25										
760	26,80	67	400/50/3	1/2" Gas	1120	x	620	x	630	132	291
650	23,00										
1050	37,10	68	400/50/3	1/2" Gas	1120	x	620	x	800	138	304
900	31,80										
580	20,50	66	400/50/3	1/2" Gas	1560	x	620	x	1220	182	401
460	16,25										
760	26,80	67	400/50/3	1/2" Gas	1560	x	620	x	1220	185	408
650	23,00										
1050	37,10	68	400/50/3	1/2" Gas	1560	x	620	x	1390	191	421
900	31,80										
1050	37,10	68	400/50/3	1/2" Gas	1970	x	620	x	1480	251	553
900	31,80										
580	20,50	66	400/50/3	1/2" Gas	1560	x	620	x	1220	209	461
460	16,25										
760	26,80	67	400/50/3	1/2" Gas	1560	x	620	x	1220	212	467
650	23,00										
1050	37,10	68	400/50/3	1/2" Gas	1560	x	620	x	1390	218	481
900	31,80										
1050	37,10	68	400/50/3	1/2" Gas	1970	x	620	x	1480	278	613
900	31,80										



* Performances measured according to ISO 1217, annex C.
 ** Noise level measured according to ISO 2151.
 *** Different voltages are available upon request.
 **** KTC holds the right to modify the mechanical layout and the technical specifications.

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TWIN MODEL

(WITH KTRONIC CONTROL)

Code	Model	Motor Power		Tank		Max. Pressure	
		[kW]	[HP]	[l]	[Gal]	[Bar]	[PSI]
COMPACT 4 - 5 - 7 TWIN (grounded)							
1870313501	COMPACT TWIN 4	4	5,5	/	/	8	116
1870323501						10	145
1870333501						13	188
1870413501	COMPACT TWIN 5	5	7,5	/	/	8	116
1870423501						10	145
1870433501						13	188
1870513501	COMPACT TWIN 7	7	10	/	/	8	116
1870523501						10	145
1870533501						13	188
COMPACT 4 - 5 - 7 TWIN (grounded with dryer)							
1870313502	COMPACT TWIN 4 E	4	5,5	/	/	8	116
1870323502						10	145
1870333502						13	188
1870413502	COMPACT TWIN 5 E	5	7,5	/	/	8	116
1870423502						10	145
1870433502						13	188
1870513502	COMPACT TWIN 7 E	7	10	/	/	8	116
1870523502						10	145
1870533502						13	188
COMPACT 4 - 5 - 7 TWIN (on tank)							
1870313503	COMPACT TWIN 4 /270	4	5,5	270	71,4	8	116
1870323503						10	145
1870333503						13	188
1870413503	COMPACT TWIN 5 /270	5	7,5	270	71,4	8	116
1870423503						10	145
1870433503						13	188
1870513503	COMPACT TWIN 7 /270	7	10	270	71,4	8	116
1870523503						10	145
1870533503						13	188
1870513505	COMPACT TWIN 7 /500	7	10	500	132	8	116
1870523505						10	145
1870533505						13	188
COMPACT 4 - 5 - 7 TWIN (on tank with dryer)							
1870313504	COMPACT TWIN 4 /270 E	4	5,5	270	71,4	8	116
1870323504						10	145
1870333504						13	188
1870413504	COMPACT TWIN 5 /270 E	5	7,5	270	71,4	8	116
1870423504						10	145
1870433504						13	188
1870513504	COMPACT TWIN 7 /270 E	7	10	270	71,4	8	116
1870523504						10	145
1870533504						13	188
1870513506	COMPACT TWIN 7 /500 E	7	10	500	132	8	116
1870523506						10	145
1870533506						13	188

COMPACT EASY 4-5-7 | COMPACT TWIN 4-5-7 & VSD ROTARY SCREW COMPRESSORS

Fixed and variable speed

Air Flow Rate*		Noise Level**	Power supply	Connections	Dimensions					Weight	
					L	x	W	x	H		
[l/min]	[CFM]	[dB(A)]	[V / Hz / Ph]		[mm]					[kg]	[lbs]
580	20,50	68	400/50/3	1/2" Gas	750	x	620	x	630	102	225
460	16,25										
370	13,10										
760	26,80										
650	23,00	69	400/50/3	1/2" Gas	750	x	620	x	630	105	231
560	19,80										
1050	37,10										
900	31,80										
750	26,50	69	400/50/3	1/2" Gas	750	x	620	x	800	111	245
580	20,50	68	400/50/3	1/2" Gas	1120	x	620	x	630	129	284
460	16,25										
370	13,10										
760	26,80										
650	23,00	69	400/50/3	1/2" Gas	1120	x	620	x	630	132	291
560	19,80										
1050	37,10										
900	31,80										
750	26,50	69	400/50/3	1/2" Gas	1120	x	620	x	800	138	304
580	20,50	68	400/50/3	1/2" Gas	1560	x	620	x	1220	182	401
460	16,25										
370	13,10										
760	26,80										
650	23,00	69	400/50/3	1/2" Gas	1560	x	620	x	1220	185	408
560	19,80										
1050	37,10										
900	31,80										
750	26,50	69	400/50/3	1/2" Gas	1560	x	620	x	1390	191	421
1050	37,10	69	400/50/3	1/2" Gas	1970	x	620	x	1480	251	553
900	31,80										
750	26,50										
580	20,50	68	400/50/3	1/2" Gas	1560	x	620	x	1220	209	461
460	16,25										
370	13,10										
760	26,80										
650	23,00	69	400/50/3	1/2" Gas	1560	x	620	x	1220	212	467
560	19,80										
1050	37,10										
900	31,80										
750	26,50	69	400/50/3	1/2" Gas	1560	x	620	x	1390	218	481
1050	37,10	69	400/50/3	1/2" Gas	1970	x	620	x	1480	278	613
900	31,80										
750	26,50										



* Performances measured according to ISO 1217, annex C.
 ** Noise level measured according to ISO 2151.
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TWIN MODEL VSD

(WITH KTRONIC 10 CONTROL)

COMPACT EASY 4-5-7 | COMPACT TWIN 4-5-7
& VSD ROTARY SCREW COMPRESSORS

Fixed and variable speed

Code	Model	Motor Power		Tank		Max. Pressure	
		[kW]	[HP]	[l]	[Gal]	[Bar]	[PSI]
COMPACT 5 - 7 TWIN VSD (grounded)							
1880413801	COMPACT TWIN VSD 5	5	7,5	/	/	8	116
1880423801						10	145
1880433801						13	188
1880513801	COMPACT TWIN VSD 7	7	10	/	/	8	116
1880523801						10	145
1880533801						13	188
COMPACT 5 - 7 TWIN VSD (grounded with dryer)							
1880413802	COMPACT TWIN VSD 5 E	5	7,5	/	/	8	116
1880423802						10	145
1880433802						13	188
1880513802	COMPACT TWIN VSD 7 E	7	10	/	/	8	116
1880523802						10	145
1880533802						13	188
COMPACT 5 - 7 TWIN VSD (on tank)							
1880413803	COMPACT TWIN VSD 5 /270	5	7,5	270	71,4	8	116
1880423803						10	145
1880433803						13	188
1880513803	COMPACT TWIN VSD 7 /270	7	10	270	71,4	8	116
1880523803						10	145
1880533803						13	188
1880513805	COMPACT TWIN VSD 7 /500	7	10	500	132	8	116
1880523805						10	145
1880533805						13	188
COMPACT 5 - 7 TWIN VSD (on tank with dryer)							
1880413804	COMPACT TWIN VSD 5 /270 E	5	7,5	270	71,4	8	116
1880423804						10	145
1880433804						13	188
1880513804	COMPACT TWIN VSD 7 /270 E	7	10	270	71,4	8	116
1880523804						10	145
1880533804						13	188
1880513806	COMPACT TWIN VSD 7 /500 E	7	10	500	132	8	116
1880523806						10	145
1880533806						13	188

Air Flow Rate*		Max Air Flow Rate*		Noise Level**	Power supply	Connections	Dimensions					Weight	
							L	x	W	x	H		
[l/min]	[CFM]	[l/min]	[CFM]	[dB(A)]	[V / Hz / Ph]		[mm]					[kg]	[lbs]
250	8,8	760	26,8	67	400/50/3	1/2" Gas	750	x	620	x	630	105	231
280	9,9	650	23,0										
300	10,6	560	19,8										
250	8,8	1050	37,1	68	400/50/3	1/2" Gas	750	x	620	x	800	111	245
280	9,9	900	31,8										
300	10,6	750	26,5										
250	8,8	760	26,8	67	400/50/3	1/2" Gas	1120	x	620	x	630	132	291
280	9,9	650	23,0										
300	10,6	560	19,8										
250	8,8	1050	37,1	68	400/50/3	1/2" Gas	1120	x	620	x	800	138	304
280	9,9	900	31,8										
300	10,6	750	26,5										
250	8,8	760	26,8	67	400/50/3	1/2" Gas	1560	x	620	x	1220	193	425
280	9,9	650	23,0										
300	10,6	560	19,8										
250	8,8	1050	37,1	68	400/50/3	1/2" Gas	1560	x	620	x	1390	199	439
280	9,9	900	31,8										
300	10,6	750	26,5										
250	8,8	1050	37,1	68	400/50/3	1/2" Gas	1970	x	620	x	1480	259	571
280	9,9	900	31,8										
300	10,6	750	26,5										
250	8,8	760	26,8	67	400/50/3	1/2" Gas	1560	x	620	x	1220	220	485
280	9,9	650	23,0										
300	10,6	560	19,8										
250	8,8	1050	37,1	68	400/50/3	1/2" Gas	1560	x	620	x	1390	226	498
280	9,9	900	31,8										
300	10,6	750	26,5										
250	8,8	1050	37,1	68	400/50/3	1/2" Gas	1970	x	620	x	1480	286	631
280	9,9	900	31,8										
300	10,6	750	26,5										



**EXCELLENCE
IN COMPRESSED
AIR.**



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