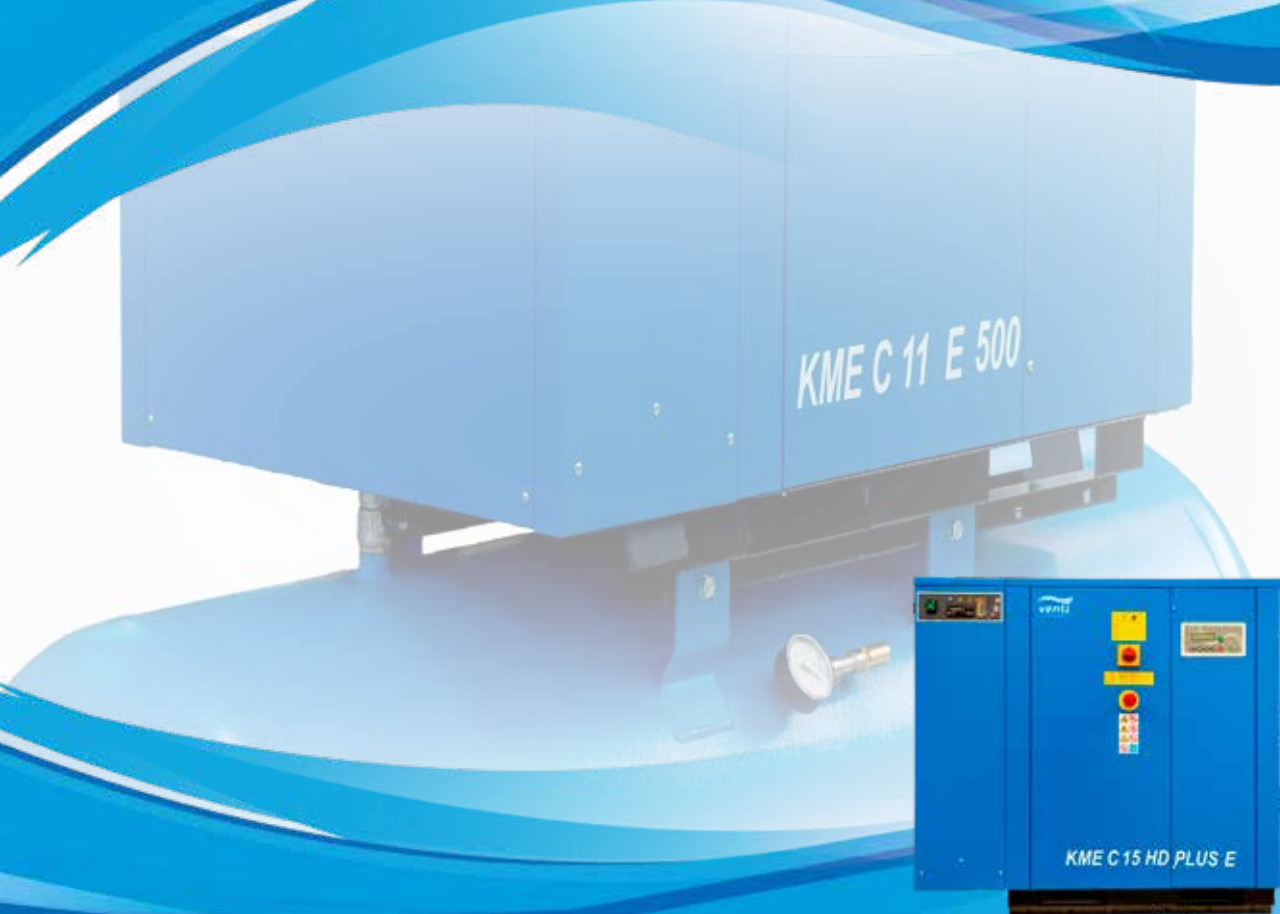


# INDUSTRIAL SERIES

KME C PLUS 7-55 kW  
ROTARY SCREW COMPRESSORS  
FIXED SPEED

BELT  
DRIVE



Venti's KME C Plus is an industrial series of belt-driven screw compressors offering low installation and management costs, with excellent performance, especially in applications requiring continuous service.

Easily manage all functions with the intuitive, user-friendly controller.

With a compact footprint, easy installation, and preassembled dryers and tanks, these compressors offer space-saving benefits, eliminate the need for additional installation work, and prevent air leaks, providing significant cost savings.



## KME C PLUS SERIES

### CHARACTERISTICS

- Pack Smart VMC
- Electronic KTRONIC 10P control (KTRONIC 100P optional)
- Latest generation Star-Delta electric motor (made in Italy)
- Ultra-quiet and efficient electric fan paired with thermostatic valve for optimal performance
- Poly-V belt transmission



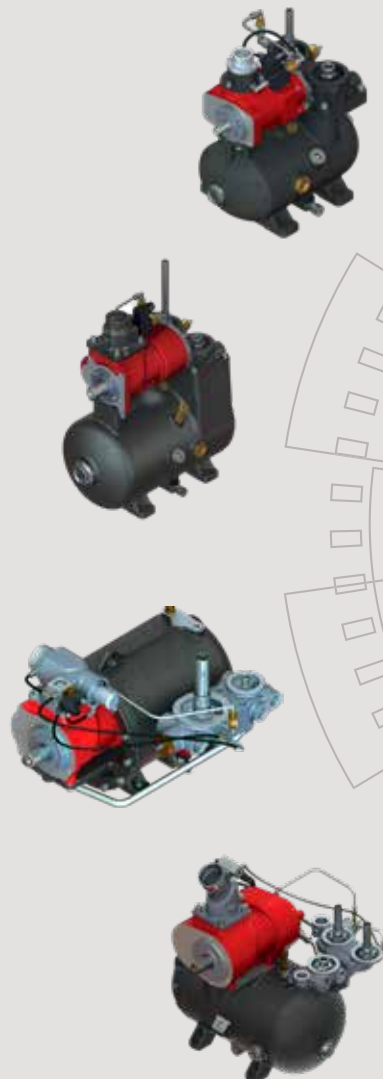
## INTEGRATED SCREW UNITS

Designed for long-lasting performance, our advanced screw units deliver maximum airflow with minimal energy consumption. Engineered with wear-resistant bearings and precision-machined components, these units operate with ultra-low noise levels while reducing maintenance costs.

Our high-efficiency pump unit features a compact, all-in-one design that reduces space requirements by integrating essential components into a single housing:

- Screw unit – ensures continuous, efficient air compression
- Minimum pressure valve – maintains optimal system pressure
- Thermostatic valve – regulates temperature for peak performance
- Suction regulator – adjusts airflow for consistent operation
- Separator tank – effectively removes oil and contaminants

With innovative engineering and premium materials, the Industrial Series delivers reliability, cost-effectiveness, and energy efficiency, making it the perfect choice for businesses seeking exceptional performance and long-term value.



## ELECTRONIC CONTROLLER

The user-friendly electronic controller, powered by a microprocessor, efficiently manages all compressor functions.

It monitors safety alarms (oil temperature, motor, cooling fan, and maintenance warnings), allows the setup of key parameters (such as times, pressures, and data entry), and supports remote control functions.

Additional features include automatic restart after a power blackout and communication capabilities with external devices, such as programmable logic controllers (PLC).



## OPTIONAL CONTROLLER

The user-friendly 7" KTronic 100P touch screen panel provides full access to the unit's functions, parameter control, and diagnostics, optimising compressor performance.



## ADVANCED TRANSMISSION SYSTEM

Our advanced transmission system features durable, high-performance poly v belts and cast iron pulleys with tapered hubs, ensuring maximum reliability in any working conditions.

Designed to minimise power loss, it delivers low rotational noise and perfect alignment of moving components. The easy-slide belt tensioning system allows for precise adjustments, enhancing both efficiency and durability.



## KME C PLUS SERIES MODELS

The KME C Plus series is available in grounded, grounded with dryer, on tank and on tank with dryer models.



## KME C PLUS SERIES TECHNICAL FEATURES



Maximum power, minimum  
energy consumption

Quick and  
economical  
maintenance

Maximum efficiency  
in a small space

Efficient cooling circuit

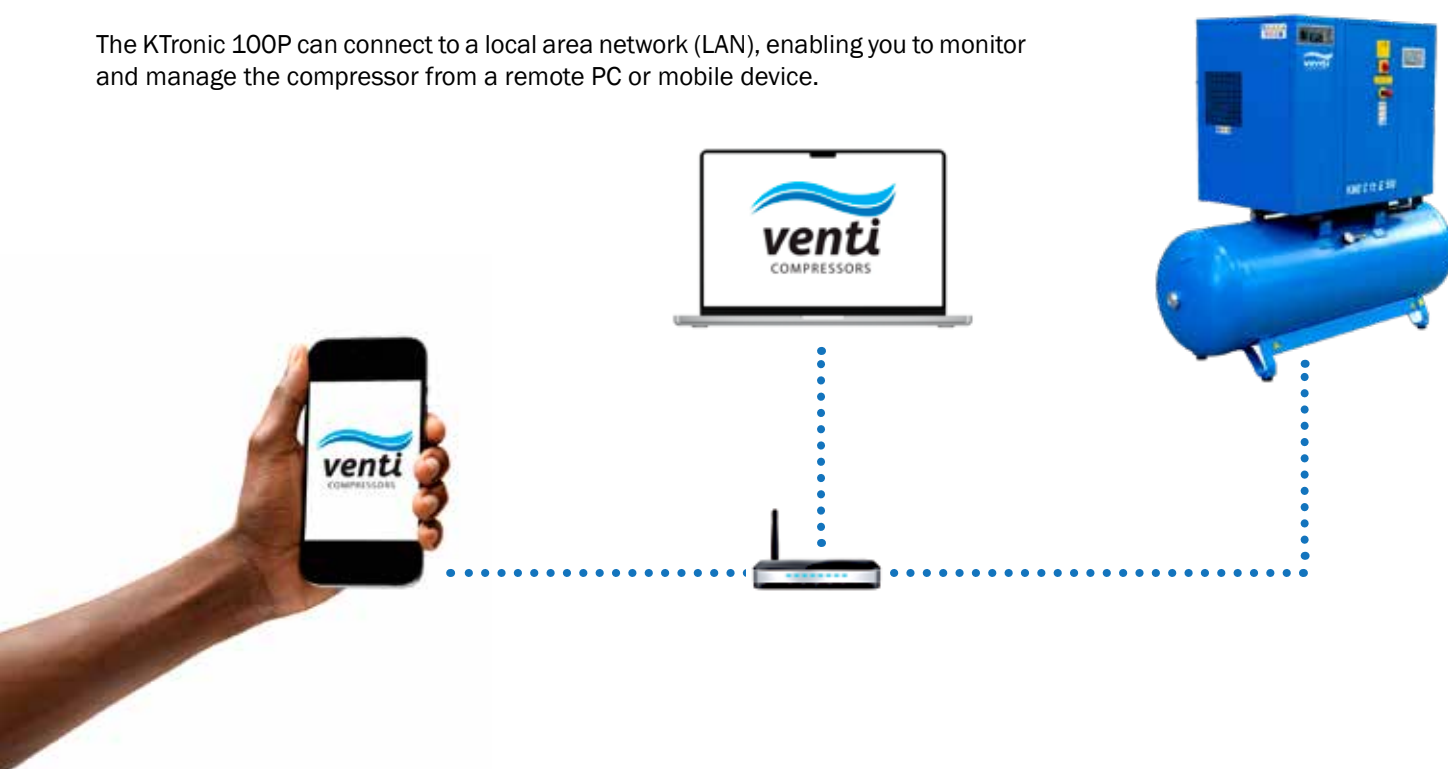
Electric fan with  
built in thermostat

Advanced  
electronic  
controller



## REMOTE CONTROL & CONNECTIVITY AT YOUR FINGERTIPS

The KTronic 100P can connect to a local area network (LAN), enabling you to monitor and manage the compressor from a remote PC or mobile device.





## AIR-OIL COOLERS

Venti compressors' air-oil coolers feature an expanded heat exchange surface, ensuring efficient temperature control for both oil and air.

Designed for reliable performance in extreme conditions, they maintain optimal operating temperatures even in ambient environments up to 45°C.

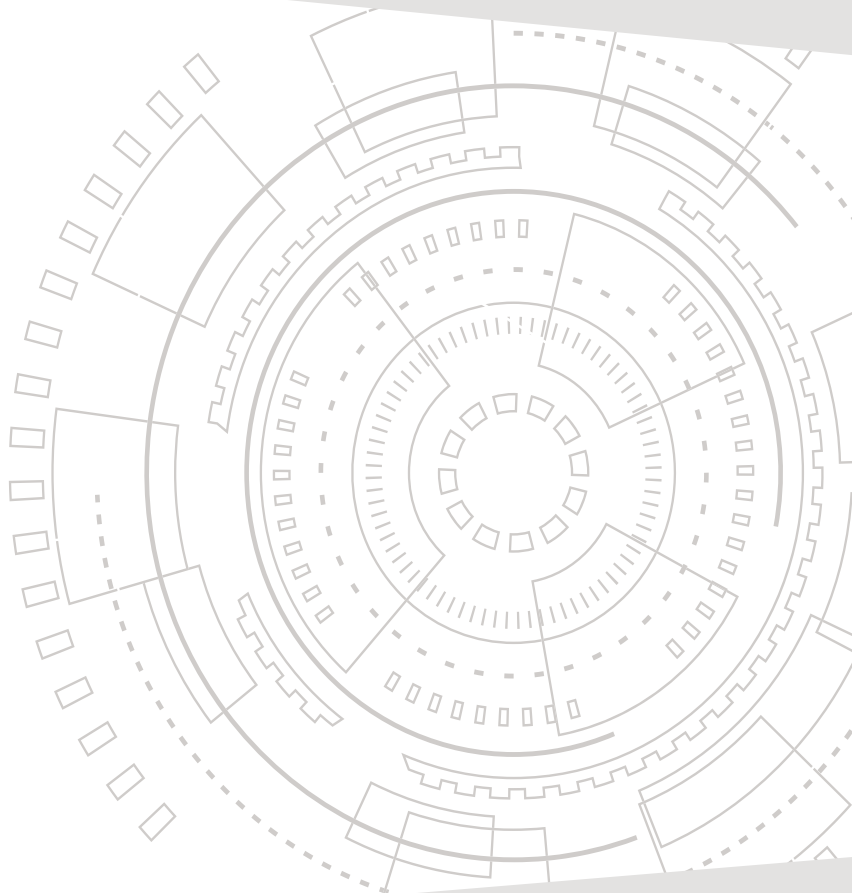
This advanced cooling boosts system efficiency, minimises wear, and extends equipment lifespan.



## AIR PRE-FILTER AND VENTILATION

The KME C Plus series has a pre-filter that guarantees maximum protection of internal components by filtering incoming air.

Its high-flow, low-noise electric fan directs airflow efficiently to a single point, maintaining the ideal thermal balance for all internal components.















## ORIGINAL SPARE PARTS

Choose genuine spare parts to ensure optimal performance, reliability, and a longer lifespan for your Venti compressor.















# INDUSTRIAL SERIES

CODE	MODEL	POWER	SCREW	TANK	PRESSURE	AIR FLOW RATE		NOISE L.	VOLTAGE	CONNECTION	DIMENSIONS	WEIGHT
												
		kW		L	psi	ℓ/min	C.F.M	dB[A]	Vol/Ph/Hz	BSP	L x W x H (mm)	kg
KME C PLUS 7÷15 grounded												
161051301	KME C HD 7	7.5	V75	/	116	1200	42.4	66	400/50/3	1/2 Gas	800x630x950	201
161052301					145	1000	35.3					
161053301					188	800	28.2					
162071301	KME C HD 15	15	V90	/	116	2140	75.6	68	400/50/3	3/4 Gas	840x730x1010	268
162072301					145	2040	72.0					
162073301					188	1650	58.3					
KME C PLUS 7÷15 grounded with dryer												
161051302	KME C HD 7 E	7.5	V75	/	116	1200	42.4	66	400/50/3	1/2 Gas	1020x630x950	235.5
161052302					145	1000	35.3					
161053302					188	800	28.2					
161071302	KME C HD 15 E	15	V90	/	116	2140	75.6	68	400/50/3	3/4 Gas	1060x750x1030	312
161072302					145	2040	72.3					
161073302					188	1650	58.3					

\* Performance measured according to ISO1217, annex C, latest edition.

\*\* Noise level measured according to ISO 2151.

# INDUSTRIAL SERIES

CODE	MODEL	POWER	SCREW	TANK	PRESSURE	AIR FLOW RATE		NOISE L.	VOLTAGE	CONNECTION	DIMENSIONS	WEIGHT
												
		kW		L	psi	ℓ/min	C.F.M	dB[A]	Vol/Ph/Hz	BSP	L x W x H (mm)	kg
KME C PLUS 7+15 on tank												
161051303	KME C HD 7 270	7.5	V75	270	116	1200	41.3	66	400/50/3	1/2 Gas	1490x600x1470	281.5
161052303					145	1000	34.6					
161053303					188	800	27.7					292.5
161051305	KME C HD 7 500	7.5	V75	500	116	1200	41.3	67	400/50/3	1/2 Gas	1900x600x1560	324.5
161052305					145	1000	34.6					
161053305					188	800	27.7					357.5
162071303	KME C HD 15 270	15	V90	270	116	2410	73.8	68	400/50/3	3/4 Gas	1490x690x1520	349
162072303					145	2040	70.3					
162073303					188	1650	56.5					360
162071305	KME C HD 15 500	15	V90	500	116	2140	73.8	68	400/50/3	3/4 Gas	1900x690x1610	392
162072305					145	2040	70.3					
162073305					188	1650	56.6					425
KME C PLUS 7+15 on tank with dryer												
161051304	KME C HD 7 270 E	7.5	V75	270	116	1200	42.4	66	400/50/3	1/2 Gas	1490x600x1470	316
161052304					145	1000	35.3					
161053304					188	800	28.2					327
161051306	KME C HD 7 500 E	7.5	V75	500	116	1200	42.4	67	400/50/3	1/2 Gas	1900x600x1560	359
161052306					145	1000	35.3					
161053306					188	800	28.2					392
162071304	KME C HD 15 270 E	15	V90	270	116	2140	75.6	68	400/50/3	3/4 Gas	1490x690x1520	392
162072304					145	2040	72.0					
162073304					188	1650	58.3					403
162071306	KME C HD 15 500 E	15	V90	500	116	2140	75.6	68	400/50/3	3/4 Gas	1900x690x1610	435
162072306					145	2040	72.0					
162073306					188	1650	58.3					468
KME C PLUS 18+55 belt drive fixed speed												
121081301C	KME 18	18.5	V90C	/	116	2880	101.7	66	400/50/3	1 1/4 Gas	1060x860x1240	458
121082301C					145	2540	89.7					
121083301C					188	1920	67.8					
121091301C	KME 22	22	V110C	/	116	3440	121.5	66	400/50/3	1 1/4 Gas	1060x860x1240	495
121092301C					145	3020	106.6					
121093301C					188	2460	86.9					
121101301C	KME 30	30	V110C	/	116	4730	167	67	400/50/3	1 1/4 Gas	1060x860x1240	515
121102301C					145	4210	148.7					
121103301C					188	3310	116.9					
121111301	KME 37	37	V130	/	116	6130	216.5	70	400/50/3	1 1/2 Gas	1940x1070x1800	960
121112301					145	5510	194.6					
121113301					188	4250	150.1					
121121301	KME 45	45	V130	/	116	7810	275.8	70	400/50/3	1 1/2 Gas	1940x1070x1800	1030
121122301					145	6830	241.2					
121123301					188	5690	200.9					
121131301	KME 55	55	V150	/	116	8695	307	70	400/50/3	1 1/2 Gas	1940x1070x1800	1188
121132301					145	7910	279.3					
121133301					188	7070	249.6					

\* Performance measured according to ISO1217, annex C, latest edition.

\*\* Noise level measured according to ISO 2151.

