

**BELT DRIVE**

# INDUSTRIAL SERIES

Air technology system

**KME C PLUS 4-55 kW**  
**ROTARY SCREW COMPRESSOR**  
FIXED SPEED



## KME C PLUS SERIES

### Features

- PACK SMART VMC
- ELECTRONIC CONTROLLER KTRONIC 10P KTRONIC 100P OPTIONAL
- LATEST GENERATION STAR-DELTA DI ELECTRIC MOTOR "MADE IN ITALY"
- HIGH EFFICIENCY AND LOW NOISE COOLING ELECTRIC FAN IN COMBINATION WITH OIL THERMOSTATIC VALVE
- POLY-V BELT DRIVE



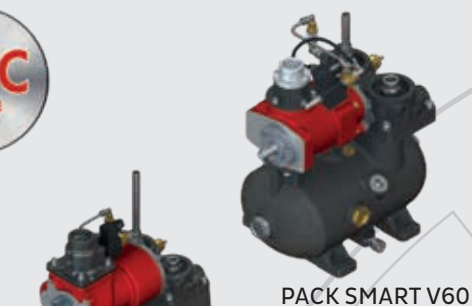
The **KME C PLUS** series combines the benefits of a compact screw compressor quick to install with low running costs and excellent performances, mainly in the applications requiring continuous service. All functions are managed through a user-friendly electronic controller. Minimum size and simple installation are the best to solve issue of the space. The significant savings, without added cost installation of the dryer and tank being assembled completely.



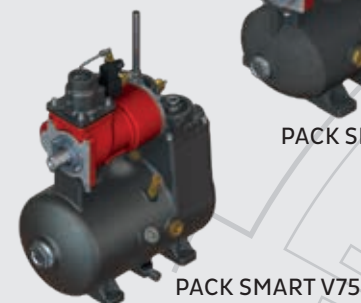
## INTEGRATED COMPACT AIR-ENDS

Manufactured to obtain an efficient and long-lasting consistent performance, all our air-ends guarantee a better air flowrate with minimum energy consumption. Equipped with high quality bearings and made of highly sophisticated machined components, these air-ends have an extremely low induced-rotation noise and a very limited maintenance cost. This Top-notch pumping system integrated unit is extremely compact and is composed of the following components:

- Oil-injected Air end
- Minimum pressure valve
- Thermostatic valve
- Intake valve
- Separator tank



PACK SMART V60



PACK SMART V75



PACK SMART V90



PACK SMART V110



PACK SMART V130-150

## ELECTRONIC CONTROL

Based on direct, user-friendly reading, it manages all compressor functions through a microprocessor: safety alarms (oil temperature, electric motor, cooling fan, maintenance warnings), main parameters setup (times, pressures, data entry) and functions enabling (remote control), automatic restart after power blackout, communication signal with external devices like PLC and others.



## OPTIONAL NEW DISPLAY

The intuitive screen panel 7" Ktronic 100 P permits full access to the functions, parameter control and diagnostics of the unit, increasing the efficiency of the compressor.



## POWER TRASMISSION SYSTEM

The coupling with motor is obtained by using very high durability and performance poly-v belt-driven system with cast-iron pulleys. This allows the best reliability in all working conditions and limits power losses. This transmission system also ensures low induced rotation noise and guarantees a perfect alignment of the rotating parts; moreover, a simple belt tightening system allows an accurate adjustment of belt tensioning.



## MODULAR RANGE

Thanks to its high versatility, the kme-c series is available in 4 different models:



grounded



with refrigeration dryer



tank mounted  
(270/500 liters according to size)



fully features:  
tank+ dryer

## KME C PLUS SERIES TECHNICAL FEATURES



Maximum power,  
minimum energy cost

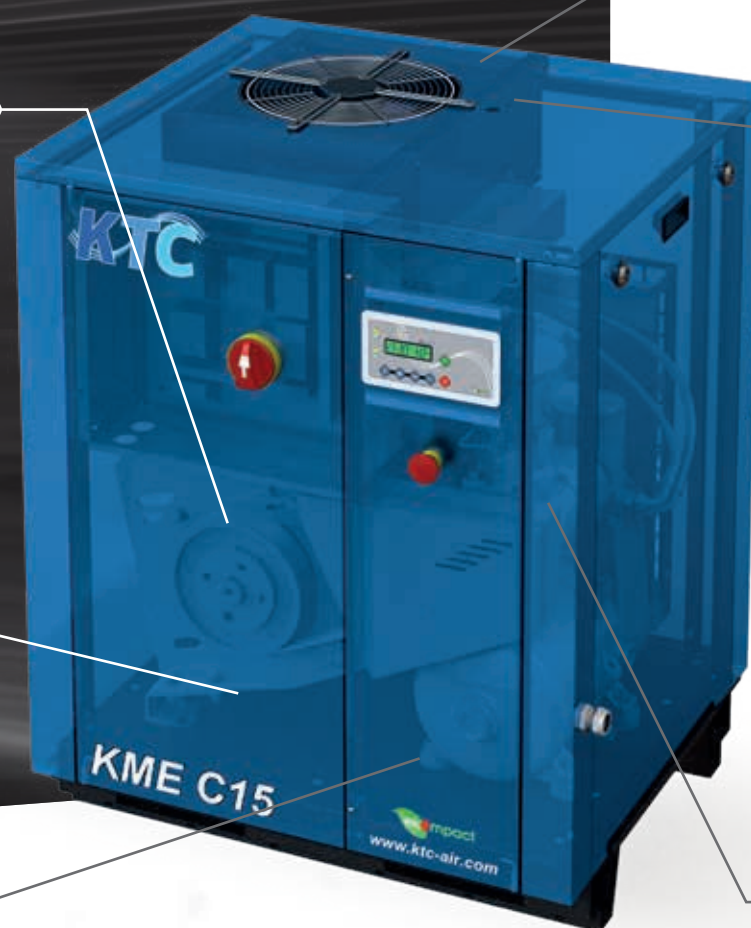
Quickly and cheap  
maintenance

High efficiency in  
the minimum space

Efficient  
cooling circuit

Thermostated  
electric fan

Electronic advanced  
controller



## INDUSTRY 4.0 READY

Ready for Industry 4.0: the compressor can be connected to LAN allowing to be monitored and managed from a remote PC or a smartphone



## AIR-OIL COOLERS

Wide heat exchange surface, designed to maintain oil and air at best working temperature even in case of severe environmental conditions up to 45° C ambient.



## SPARE PARTS AND KIT MAINTENANCE

All external panels of the compressor are easily removable allowing easy access to all components requiring routine maintenance. The replacement of oil, air filter, and separator filter making disassembling easily to remove a panel, with considerable time and cost saving.



## EXTENDED WARRANTY

KTC offers an additional choice of insurance coverage to guarantee the efficiency of your compressor.

The package SMART60 provides benefits to extend your warranty period up to 5 years. This is a strongly suitable for where compressed air is an important part of your company's processes.

Our specific scheduled maintenance program with dedicated spare parts kit will ensure the best compressor performances and reliability. The extend warranty could be customized to the choice of your compressor.



| INDUSTRIAL SERIES                      |                                                                                   |                                                                                         | TECHNICAL SPECIFICATIONS OF KME C PLUS SERIES COMPRESSOR UNIT                     |                                                                                         |                                                                                          |                                                                                            |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
|----------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|
| Cod.                                   | Model                                                                             | Power                                                                                   | Screw                                                                             | Tank                                                                                    | Pressure                                                                                 | Air Flow (ISO1217)*                                                                        | Noise Level**                                                                              | Voltage                                                                                         | Connection                                                                                 | Dimensions                                                                                            | Weight                                                                                           |  |
| EAN                                    |  | <br>kW |  | <br>Lt | <br>bar | <br>ℓ/min | <br>dB[A] | <br>Volt/Hz/Ph | <br>BSP | <br>L x W x H (cm) | <br>Kg<br>Lbs |  |
| KME C PLUS 4÷15 grounded               |                                                                                   |                                                                                         |                                                                                   |                                                                                         |                                                                                          |                                                                                            |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161031301                              | KME C 4                                                                           | 4                                                                                       | V60                                                                               | /                                                                                       | 8                                                                                        | 550                                                                                        | 65                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 80x63x95                                                                                              | 157                                                                                              |  |
| 161032301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 490                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161033301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 381                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161041301                              | KME C 5                                                                           | 5,5                                                                                     | V60                                                                               | /                                                                                       | 8                                                                                        | 805                                                                                        | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 80x63x95                                                                                              | 157                                                                                              |  |
| 161042301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 690                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161043301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 561                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161051301                              | KME C HD 7                                                                        | 7,5                                                                                     | V75                                                                               | /                                                                                       | 8                                                                                        | 1200                                                                                       | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 80x63x95                                                                                              | 201                                                                                              |  |
| 161052301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1000                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161053301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 800                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161061301                              | KME C 11                                                                          | 11                                                                                      | V75                                                                               | /                                                                                       | 8                                                                                        | 1610                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 84x73x101                                                                                             | 241                                                                                              |  |
| 161062301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1462                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161063301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1166                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 162071301                              | KME C HD 15                                                                       | 15                                                                                      | V90                                                                               | /                                                                                       | 8                                                                                        | 2140                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 84x73x101                                                                                             | 268                                                                                              |  |
| 162072301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 2040                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 162073301                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1650                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| KME C PLUS 4÷15 on grounded with dryer |                                                                                   |                                                                                         |                                                                                   |                                                                                         |                                                                                          |                                                                                            |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161031302                              | KME C 4 E                                                                         | 4                                                                                       | V60                                                                               | /                                                                                       | 8                                                                                        | 550                                                                                        | 65                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 102x63x95                                                                                             | 191,5                                                                                            |  |
| 161032302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 490                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161033302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 381                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161041302                              | KME C 5 E                                                                         | 5,5                                                                                     | V60                                                                               | /                                                                                       | 8                                                                                        | 805                                                                                        | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 102x63x95                                                                                             | 191,5                                                                                            |  |
| 161042302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 690                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161043302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 561                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161051302                              | KME C HD 7 E                                                                      | 7,5                                                                                     | V75                                                                               | /                                                                                       | 8                                                                                        | 1200                                                                                       | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 102x63x95                                                                                             | 235,5                                                                                            |  |
| 161052302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1000                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161053302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 800                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161061302                              | KME C 11 E                                                                        | 11                                                                                      | V75                                                                               | /                                                                                       | 8                                                                                        | 1610                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 106x75x103                                                                                            | 284,5                                                                                            |  |
| 161062302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1462                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161063302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1166                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 162071302                              | KME C HD 15 E                                                                     | 15                                                                                      | V90                                                                               | /                                                                                       | 8                                                                                        | 2140                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 106x75x103                                                                                            | 312                                                                                              |  |
| 162072302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 2040                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 162073302                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1650                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| KME C PLUS 4÷15 on tank                |                                                                                   |                                                                                         |                                                                                   |                                                                                         |                                                                                          |                                                                                            |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161031303                              | KME C 4 270                                                                       | 4                                                                                       | V60                                                                               | 270                                                                                     | 8                                                                                        | 550                                                                                        | 65                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 149x60x147                                                                                            | 237,5                                                                                            |  |
| 161032303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 490                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 248,5                                                                                            |  |
| 161033303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 381                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161041303                              | KME C 5 270                                                                       | 5,5                                                                                     | V60                                                                               | 270                                                                                     | 8                                                                                        | 805                                                                                        | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 149x60x147                                                                                            | 237,5                                                                                            |  |
| 161042303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 690                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 248,5                                                                                            |  |
| 161043303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 561                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161041305                              | KME C 5 500                                                                       | 5,5                                                                                     | V60                                                                               | 500                                                                                     | 8                                                                                        | 805                                                                                        | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 190x60x156                                                                                            | 280,5                                                                                            |  |
| 161042305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 690                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 313,5                                                                                            |  |
| 161043305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 561                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161051303                              | KME C HD 7 270                                                                    | 7,5                                                                                     | V75                                                                               | 270                                                                                     | 8                                                                                        | 1200                                                                                       | 66                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 149x60x147                                                                                            | 281,5                                                                                            |  |
| 161052303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1000                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 292,5                                                                                            |  |
| 161053303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 800                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161051305                              | KME C HD 7 500                                                                    | 7,5                                                                                     | V75                                                                               | 500                                                                                     | 8                                                                                        | 1200                                                                                       | 67                                                                                         | 400/50/3                                                                                        | 1/2 Gas                                                                                    | 190x60x156                                                                                            | 324,5                                                                                            |  |
| 161052305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1000                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 357,5                                                                                            |  |
| 161053305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 800                                                                                        |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161061303                              | KME C 11 270                                                                      | 11                                                                                      | V75                                                                               | 270                                                                                     | 8                                                                                        | 1610                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 149x69x152                                                                                            | 321,5                                                                                            |  |
| 161062303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1462                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 332,5                                                                                            |  |
| 161063303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1166                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 161061305                              | KME C 11 500                                                                      | 11                                                                                      | V75                                                                               | 500                                                                                     | 8                                                                                        | 1610                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 190x69x161                                                                                            | 364,5                                                                                            |  |
| 161062305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 1462                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 397,5                                                                                            |  |
| 161063305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1166                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 162071303                              | KME C 15 270                                                                      | 15                                                                                      | V90                                                                               | 270                                                                                     | 8                                                                                        | 2140                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 149x69x152                                                                                            | 349                                                                                              |  |
| 162072303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 2040                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 360                                                                                              |  |
| 162073303                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1650                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |
| 162071305                              | KME C 15 500                                                                      | 15                                                                                      | V90                                                                               | 500                                                                                     | 8                                                                                        | 2140                                                                                       | 68                                                                                         | 400/50/3                                                                                        | 3/4 Gas                                                                                    | 190x69x161                                                                                            | 392                                                                                              |  |
| 162072305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 10                                                                                       | 2040                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       | 425                                                                                              |  |
| 162073305                              |                                                                                   |                                                                                         |                                                                                   |                                                                                         | 13                                                                                       | 1650                                                                                       |                                                                                            |                                                                                                 |                                                                                            |                                                                                                       |                                                                                                  |  |

6 » INDUSTRIAL Series

INDUSTRIAL Series » 7

\* Performances measured according to ISO 1217, attachment C, last edition.

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



KTC S.r.l  
Via Palazzon, 70 36051 Creazzo (Vicenza) Italy  
T +39 0444-551759 | F +39 0444- 1510104

[www.ktc-air.com](http://www.ktc-air.com) - [info@ktc-air.com](mailto:info@ktc-air.com)