

## DATASHEET

# CIVAC<sup>3</sup>



### KEY FEATURES

- Simple and efficient dry-running vacuum system ideally suited for medium to large RTM, VRTM and Resin Infusion type applications.
- Robust and oil-free on-board vacuum pump that is capable of high pumping speeds, even at low pressures.
- Capable of high levels of consistent performance at any operating pressure, whilst keeping an optimised noise level.
- Energy efficient design with its air-cooled configuration, easy set-up and reduced maintenance requirements.
- Illuminated ON/OFF control with a simple button.
- Digital pressure readout enabling vacuum checks without the need of an external gauge.
- Full switching option which can be configured to automatically shut off the pump once a configured level of vacuum is reached and starts up again once vacuum is lost, reducing wear on the pump and saving energy.

## VACUUM SYSTEM VERSIONS

All versions include a corresponding spares kit.

Standard Options	Description	Product Number
<b>65 m<sup>3</sup>/hr Dry Screw Vacuum System</b>	Three phase with simple ON/OFF control.	XV-0301-65B + SK

## VACUUM SYSTEM UPGRADES

Standard Options	Description	Product Number
<b>Full Switching Control</b>	<ul style="list-style-type: none"> <li>- Digital display of vacuum level (gauge).</li> <li>- User adjustable digital switching unit to minimise pump operation whilst providing constant pump output.</li> <li>- Automatically turns ON/OFF between pre-set maximum and minimum vacuum level settings.</li> <li>- Absolute vacuum readout to provide readout of vacuum level from atmospheric pressure down to 0 mbar.</li> <li>- Hours run meter with electronic counter to record the total pump use in hours, allowing accurate planning of service intervals.</li> </ul>	XV-0301-OPT-F
<b>Large Reservoir</b>	<p>200 litre reservoir suitable for 40 m<sup>3</sup>/hr vacuum pumps only.</p> <p>Up to 8 vacuum take offs available — quantity of unregulated/regulated take offs to be specified at point of order.</p>	XV-0301-OPT-L

## MACHINE ANCILLARIES/RELATED PRODUCTS

Standard Options	Description	Product Number
<b>Vacuum Hose Set</b>	5 metre vacuum hose set with GEKA connectors (pair). Designed to connect vacuum system to other vacuum outlets.	XE-0204

## TECHNICAL SPECIFICATION

General	
<b>Product Dimensions</b>	L: 1.55 m x W: 0.65 m x H: 1.21 m
<b>Product Weight</b>	180 kg
<b>Maximum Shipping Weight</b>	Dependent on shipping options
<b>Nominal Service Period</b>	1 calendar year <b>*maintenance — belt only</b>
<b>Design Life</b>	10 years

## TECHNICAL SPECIFICATION (continued)

Vacuum Pump	
Vacuum Pump Type	Dry Screw
Nominal Pump Speed	63 m³/hr (50 Hz)
Ultimate Vacuum Level	≤ 0.1 mbar <b>*with gas ballast</b>
Water Vapour Tolerance	60 mbar <b>*with gas ballast</b>
Noise Level	67 dB (A) (50 Hz)
Maximum Motor Power	1.5 kW (50 Hz)
Motor Speed	50 Hz

Power Requirements	
Power Supply	Three phase
Electrical Supply	415V AC, 50 Hz
Internal Fuse	3.15A, 20 mm cartridges
Power Connection	16A 3P+NE appliance inlet