

XK18 Compressor

Maximum discharge pressure - 2.2 bar g

Discharge flow rate 500 m³/hr - 1060 m³/hr (at 2.2 bar g)

Market

The XK18 is a robust, high flow, oil free, contactless, low maintenance screw compressor designed for the contaminant free discharge of a wide range of product types including:

1. Granular, pellet, random particle products at 1-1.5 bar g (e.g. sugar, plastic granules and animal feeds) with a higher pressure availability to dislodge any blockages in conveying pipes during the discharge.
2. Discharging more dense bulk powder products (e.g. cement, flour and lime), usually at 1.5-2.0 bar g (at the tank) pressure in 3", difficult or large bore conveying pipe.



Specification

General Design

The machine is an oil free screw compressor comprising synchronised screw rotors, combined main body/step up gearcase assembly and inlet bearing carrier.

Mounting

The compact shape and size of the XK18 make it ideal for mounting inside the chassis on most vehicles to enable low cost direct PTO driving.

A through shaft allows CW or ACW input drive rotation with mounting points on either side of the machine to provide further flexibility.

The Standard Package

The standard package consists of the following equipment:

- Basic XK18 machine and mounting/flange pack
- Inlet kit including a cyclonic inlet filter
- Commissioning filter
- Relief valve
- Check valve and flange pack
- Outlet silencer - reactive or absorptive
- Torque limiting coupling (PTO drives)

Note: The machine is also available in a high input speed version (1800 - 3260 rpm) for diesel engine and electric motor drives.

Rotary Screw Type Compressors

■ XK18

