

D9000 Compressor

Market

The D9000 is an oil free, robust, contactless, low maintenance hook and claw compressor, designed for the contaminant free discharge of a wide range of product types including the following:

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



Specification

General design - Basic Machine

The D9000 is an oil free hook and claw compressor comprising synchronised rotors supported by bearing/side plate arrangements at both ends and driven through a gear box lubrication assembly. It is then all fitted inside an acoustic enclosure/ ancillary package.

The Standard Package

The standard D9000 package consists of the following:

- Basic machine inside the D9000 acoustic enclosure
- Air inlet pipe kit
- Inlet filter/silencer (integral)
- Relief valve (integral)
- Check valve (integral)
- Discharge silencer (integral)

Mounting

The shape and size of the compressor does not usually permit mounting inside the chassis and standard belt arms are offered to enable low cost direct PTO driving, which is typical for this size of compressor in the market.

For mounting flexibility, the machine is available in left hand or right hand configurations and twin drive shafts enable a clockwise or an anti clockwise input rotation.

Incorporation of ancillary equipment in the main assembly allows the, the D9000 to be quickly and easily connected to the rest of the air and drive system after mounting is completed.

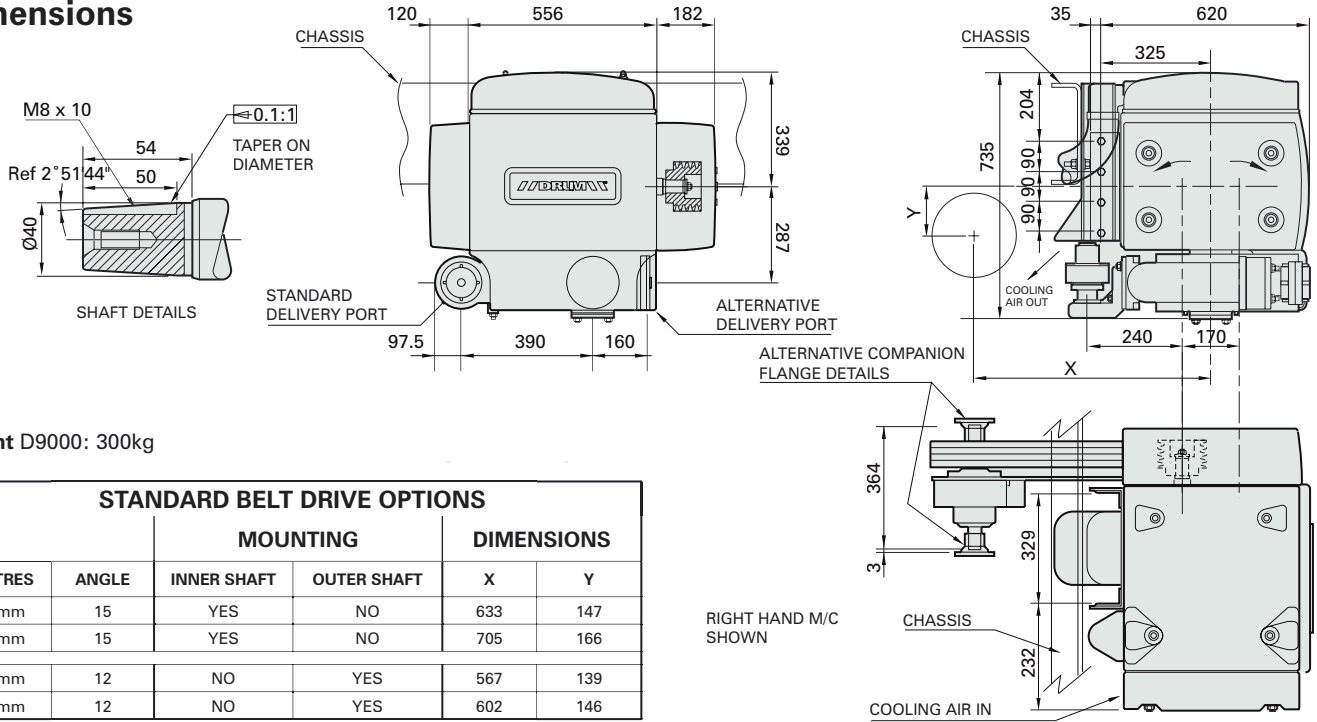


Hook and Claw Type Compressors

■ D9000

D9000 COMPRESSOR

Dimensions



Weight D9000: 300kg

STANDARD BELT DRIVE OPTIONS					
		MOUNTING		DIMENSIONS	
CENTRES	ANGLE	INNER SHAFT	OUTER SHAFT	X	Y
567mm	15	YES	NO	633	147
642mm	15	YES	NO	705	166
667mm	12	NO	YES	567	139
702mm	12	NO	YES	602	146

Optional ancillaries

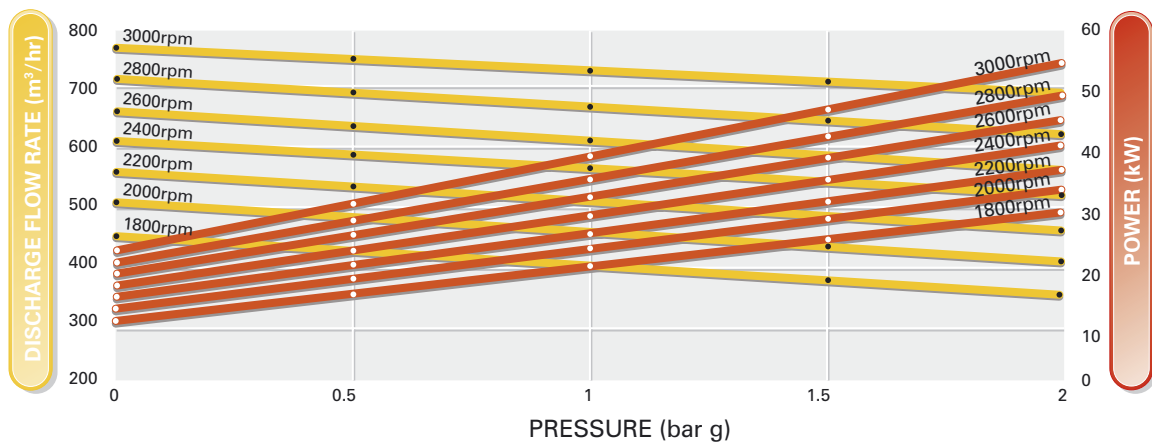
- Modular mechanical air cooler
- Separate cyclonic inlet filter for particularly dusty/dirty environments
- Drive flange (various)
- Belt arm (various lengths)
- Micronic (5 micron) delivery filter (for foodstuffs and plastics)

Drive options

- Prop. shaft drive:** Direct from a vehicle PTO
- Hydraulic drive:** Several drives can be offered depending on the application
- Electric motor drive:** Packages on base frames
- Engine drive:** Packages on base frames

Performance

D9000 Discharge Flow and Input Power



Discharged flow measured in accordance with BS1042/ISO 5167-1/BS ISO TR 15377 and referred to standard ambient conditions (1013 mbar, 20°C)

CONTACT YOUR GARDNER DENVER REPRESENTATIVE

CONTACT HEAD OFFICE



PO Box 178, Springmill Street, Bradford, West Yorkshire, BD5 7YH, England

Tel: +44 (0) 1274 718100 Fax: +44 (0) 1274 718101

Sales: +44 (0) 1274 718160

Web: www.eu.gardnerdenver.com e-mail: drumsales@eu.gardnerdenver.com