

# Cmax3

Dry screw compressor



Alfons Haar



DIN EN ISO 9001 : 2000

Made in Germany



Cmax3 R 21

Cmax3 R 25

- Lower weight
- Higher performance
- Lower air outlet temperature
- Smaller dimensions



Cmax3 L 21



Cmax3 L 16



Cmax3 R 21 HV



Cmax3 R 21 in acoustic enclosure, bottom air cooling, ready to mount (shown without cover), all necessary parts are built in.



Cmax3 R 21 in acoustic enclosure, side air cooling, complete unit, ready to mount.



Prop shaft driven Cmax3 L 16 with Cocoon, FCS, ORVA2/ESS, silencer, air filter.



Hydraulic driven Cmax3 R 21 HV with Cocoon



Stationary Cmax3 R 21 in acoustic enclosure

# Cmax3

## Dry screw compressor



### Technical data

	<i>Cmax3 R 21</i> 25	<i>Cmax3 L 16</i> 21 <small>(also available as vacuum machine)</small>	<i>Cmax3 R 21</i> HV HS
Weight:	109 kg	123 kg	109 kg
Speed:	1200–2100 rpm 1500–2500 rpm	900–1600 rpm 1200–2100 rpm	1200–2100 rpm
Flow rate:		570–1060 Nm <sup>3</sup> /h	
Inlet temperature:		max. 35°C	
Suction condition:		max. 50 mbar	
Temperature at 2 bar (g.):		175°C (at 20°C ambient condition)	
Oil cooler:		electr. or mecanical type	
Pressure:	2.5 bar (g.) at 50 mbar vacuum/20°C ambient condition		

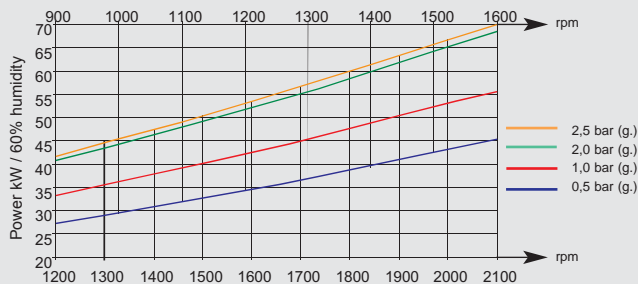
### Ancillaries

- ORVA2 – operated non return relief valve associated with
- ESS/Compressor Protection Box – the best protection for every compressor
- FCS – friction coupling to protect the compressor and PTO
- Cocoon – acoustic enclosure
- Silencer – absorptive
- TFS – air filter
- LK – air cooler
- Hydraulic drive systems

The warranty can be extended up to 4 years with service and ancillaries.

### Required power

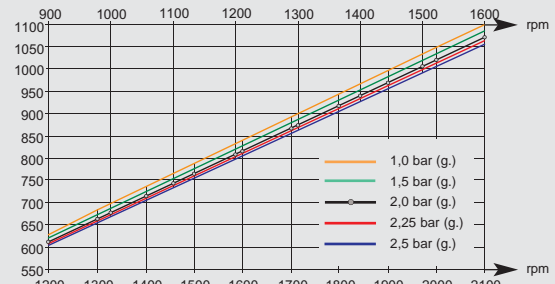
#### *Cmax3 L 16*



*Cmax3 R 21, ..L 21, ..R 21 HV HS*  
1500 ————— *Cmax3 R 25* —————> 2500

### Flow rate Nm<sup>3</sup>/h

#### *Cmax3 L 16*



*Cmax3 R 21, ..L 21, ..R 21 HV HS*  
1500 ————— *Cmax3 R 25* —————> 2500

