

INDUSTRIAL

kW 30 - 37 - 45 - 55 - 75

bar 7,5 - 10 - 13



Broadbent

 **Air compressors**

ROTARY SCREW
COMPRESSORS



INDUSTRIAL SERIES 30 kW – 75 kW - Direct Drive

The INDUSTRIAL series has been designed to operate in the most demanding of conditions, supplying low running costs and a high air output. A direct drive system from the motor to the air end allows for low maintenance and low operating costs. Paramount in the design of the Industrial Series was quality and the ability to supply a constant and reliable air supply in the most arduous of environments.

The INDUSTRIAL Series offers a micro processor with a capability to operate six Compressors from one common control panel. Functions of the control panel gives the Compressors the ability to be individually programmed to meet the exact workplace requirements, minimising operating costs.

9 REASONS TO CHOOSE THE INDUSTRIAL

1. German manufactured isometric air end.
2. Micro Processor
3. Energy Efficient motor
4. Pre Wired
5. Pre Piped
6. Automatic programmable condensate drains
7. Fault diagnostic panel
8. Oversized cooling for operating in high ambient temperatures
9. Direct drive motor to air end



AIR END

German built isometric
Quality components
Prolonged operating life
High output

AIR COOLING

Oversized air oil coolers
Low discharge temperatures
Low compression temperatures
Extended operating life

HIGH EFFICIENCY MOTOR

- ° Variable speed driving motor IP 55, Class F
- ° High efficiency motor.
- ° Low service factor on the main drive motor

Thermostatically controlled cooling fan minimising operating costs and improving cooling

Oversized air aftercooler and oil cooler to operate in elevated temperatures

Heavy duty encapsulated intake filter 2 micron with a large surface area, extending operating life

Oil filters

3 stage air oil separator minimising oil carry over, ensuring a clean oil free air supply

Load and unload intake valve minimising operating cost

Highly efficient condensate separator

German isometric air end

Heavy Duty IP 55 electric motor operating at a maximum of 90% service factor, allowing the compressor to operate under extreme power variations.

Robust base



INDUSTRIAL ...FACTS

INDUSTRIAL Series screw compressors offer a complete package ranging from 30kW to 75kW with a pressure range from 8 Bar to 13 Bar. INDUSTRIAL supplies operators with a high level of energy efficient clean compressed air to the production with the ability to tailor the output of the compressor through the control panel, minimising service and running costs.

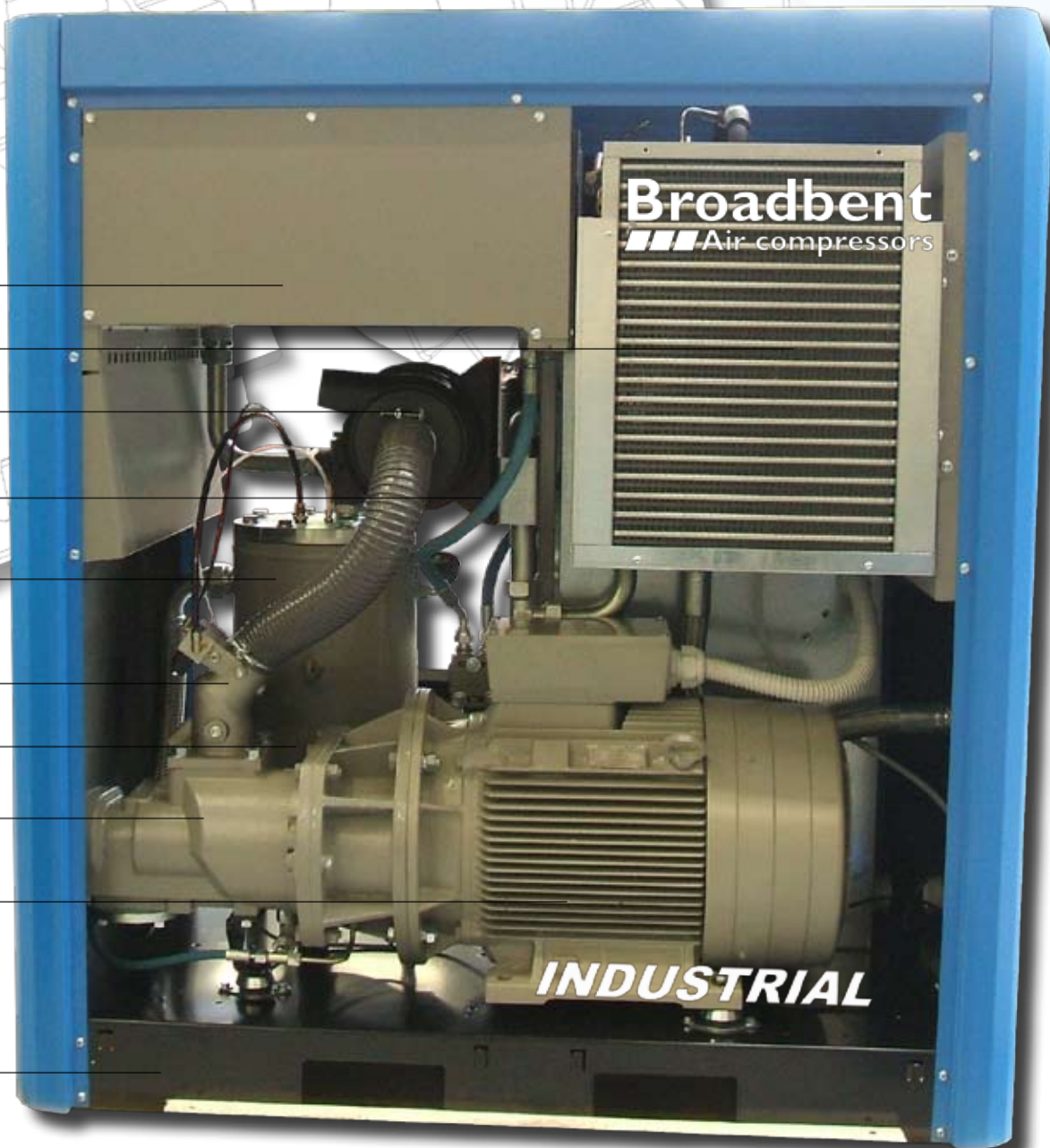


CONTROLLER

- Operator friendly controller
- Simple display
- Canbus control for up to 6 units
- Auto start function
- Remote function
- Fault diagnostic panel
- Programmable maintenance

DRIVE SYSTEM

The direct drive system extends operating life to the compressor and maximises the energy from the motor to the air end. The installation of a heavy duty coupling between the motor and air end extends the service life and guarantees drive efficiency of 99.9% maximising the kW of the electric motor ensuring lower operating costs



European made for Australia

INDUSTRIAL 30 - 75 Series

Model	Max Pressure		F.A.D.		Power kW	Noise lev. dB(A)	Weight Kg	Dimensions LxWxH (mm)
	bar max	Psig max	m ³ /min	CFM				
INDUSTRIAL 30-7,5	7,5	109	4,80	169	30	69	605	1400x800x1500
INDUSTRIAL 30-10	10	145	4,30	152				
INDUSTRIAL 30-13	13	175	3,60	127				
INDUSTRIAL 37-7,5	7,5	109	5,80	205	37	69	625	
INDUSTRIAL 37-10	10	145	5,25	185				
INDUSTRIAL 37-13	13	175	4,50	159				
INDUSTRIAL 45-7,5	7,5	109	7,80	275	45	73	950	1804x1100x1772
INDUSTRIAL 45-10	10	145	6,30	222				
INDUSTRIAL 45-13	13	175	5,40	190				
INDUSTRIAL 55-7,5	7,5	109	9,80	345	55	73	1050	
INDUSTRIAL 55-10	10	145	8,20	289				
INDUSTRIAL 55-13	13	175	7,00	247				
INDUSTRIAL 75-7,5	7,5	109	12,6	444	75	73	1250	
INDUSTRIAL 75-10	10	145	10,5	370				
INDUSTRIAL 75-13	13	175	8,80	310				

The air flow rates have been measured at the following working pressures:
 7 bar for mod. 7,5 bar - 9.5 bar for mod. 10 bar - 12.5 bar for mod. 13 bar
 The data and performances were recorded in accordance with standard ISO 1217. The sound level was measured in accordance with PNEUROP/CAGI standards.

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Broadbent
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