



## Screw Compressors



### Efficiency Unleashed, Possibilities Amplified

Kirloskar's ARiA oil-injected screw compressors are specifically designed for India's tropical conditions and ideal for a wide array of industrial applications with the capacities ranging from 7.5kW (10hp) to 37kW (50hp). It is also equipped with a Bluetooth-enabled control system for Near Field Connectivity. ARiA range of air compressors features a user-friendly design, top-of-the-line quality and durability, ensuring lasting performance.

### Features

- ◆ In-house manufactured air-ends
- ◆ Full automatic operation
- ◆ Smart control through Bluetooth connectivity
- ◆ Sturdy canopy design
- ◆ Energy saving cooling system
- ◆ BMS connectivity through MODBUS RS485



### Air-Ends



In-house manufactured advanced air-ends ensure enhanced efficiency, durability and reliability- meeting a new standard in performance

### Pressure



The rotary air-ends produces a consistent air flow delivery, free from fluctuations, ensuring stability and reliability.

### Power Consumption



ARiA range of rotary screw compressors offers power savings of up to 30% compared to a conventional reciprocating compressor.

### Installation



The compressor comes pre-equipped with uncomplicated automatic controls, making it ready for immediate installation. Optionally, it is fitted with an air receiver for added convenience.

### Maintenance



Maintenance is made easier with minimal panel removal and components are strategically placed for convenient access.



## Advanced Controller

The advanced controller has been designed and engineered as an efficient control solution for ARiA series. The system allows user to monitor and control overall performance with user friendly indications and alarms.

## Controller Features



Intuitive and synoptic display through mobile connectivity



Operating mode set up including the pressure



Controlling and monitoring of air pressure



Oil temperature display



Running hours indicators

## Product Specification

Model		ARiA 7.5	ARiA 11	ARiA 18.5	ARiA 22	ARiA 37
Drive		Belt Drive	Direct Drive	Belt Drive	Belt Drive	Direct Drive
Operating Pressure	Bar	7	7	7	7	7
Free Air Delivery	CFM	42	60	110	126	234
Power Consumption	kW	7.5	11	18.5	22	37
Noise	dB(A)	≤ 68	≤ 70	≤ 72	≤ 72	≤ 74
Weight	Kg	225	325	380	460	835
Dimension L X W X H	mm	1396 x 666 x 626	1600 x 760 x 772	1600 x 760 x 772	1600 x 760 x 772	1620 x 925 x 1320

### Note:

- Due to continuous engineering improvements, specifications are subject to change without prior notice. Although every effort has been made to maintain accuracy in the data given, the figures are in no way binding.
- All models given above are air cooled

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