

## Altivar 12: Plug & Play drive for compact machinery



### Power and Voltage Range:

- 200-240 V 1 Ph. Phase, 0.18 kW to 2.2 kW
- 200-240 V 3 Phase, 0.18 Kw to 4 Kw

### Number of integrated I/O

- 4 programmable logic inputs : 24Vcc internal power supply or external power supply
- 1 analogue input : configurable voltage or current (0...5V or 0...10V or X-Y mA from (0 to 20 mA)
- 1 analogue output : configurable voltage or current (0...10V or 0 to 20 mA)
- 1 relay output : 1 N/O contact and 1 N/C contact with common point

### Superior performance

- 150% overload for 60 sec (HD)
- Plug & Play
- integrated Modbus communication
- Less Time for wiring and design - Better labelling Wiring possible without removing wiring trap

### Cost and space saving

- Small Foot Print – EMC integrated
- With or without baseplate (heatsink)
- Configure while Power off – For Similar Machine
- Side By Side Mounting,

### Robust Design

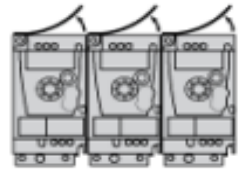
- 50°C ambient temperature
- 10-year service life under normal operating conditions)
- Coated Boards for Harsh Environment
- Enhanced Automatic Voltage Regulation
- One of smallest drive with EMC filter (C1category) and Modbus integrated

### More intuitive

- New HMI (structured menu)
- Configuration in the box without power



VW3A1006



Side By Side Mounting



Multi-Loader configuration tool



Multipack - 7 drives inside

[Catalogue Link ATV12](#)

## Targeted applications

### Handling

- Small conveyors
- Belt conveyor

### Packaging Machines

- for small bagging, small labeling machine

### Pumping

- suction pumps
- centrifugal pumps
- mono-pump

### Machine equipped with fans

- Air or smoke extraction
- plastic film making m/c

### Bakery & Comm M/c

- ovens, boilers, washing m/c, treadmill. Roti/ Papad making machine, Laddu making machine,

### Other types of application

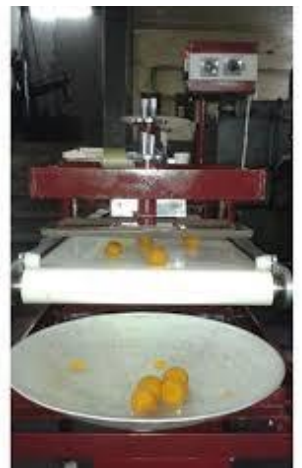
- Food and beverage industry (battery farming, greenhouses...)

### Miscellaneous applications

- Applications which traditionally use other solutions: 2-speed motor, DC motor, mechanical drive, etc.



ATV12 controlling a mixer



ATV12 controlling an access barrier