

The **new Altivar 61 and 71** family of variable speed drives, is *Evolution* passing *you* by?

The **ATV61** variable torque and the **ATV71** constant torque drives, give remarkable performance and flexibility from 0,37 to 630kW, a step in the right direction.



## Process expansion ....

- Highest dynamic performing constant torque drive with hi tech power transistors, allowing up to 220 % torque.
- Open and closed loop flux vector control
- Enhanced Auto-tune feature, matches the VSD to any motor for optimum performance through the motor life .
- IP20 and IP54 enclosure versions.
- Over 150 functions inbuilt including;
  - High speed hoisting.
  - Brake control logic.
  - Set speed operation.
  - Safe power removal input (certified SIL2).
  - PID.
  - ... etc.

- Multiple option gives enormous expansion capabilities including:



- I/O option cards.
- Fieldbus compatibility inc, Ethernet, Profibus, Devicenet, Bacnet, Lonworks ... etc.
- Encoder feedback cards.
- Controller inside application card.
- Additional EMC filters.
- Motor chokes.
- Network braking modules.
- ... etc

## ECO Design ....

thinking of the future

The **ATV61** and **ATV71** conform to the European directive WEEE (Waste Electrical & Electronic Equipment) 88% recyclable and RoHS (Restriction Of Hazardous Substances).

With Eco-Design

88 %

Without Eco-Design

61 %

70 %  
WEEE.

## Clarity of information ....

- Full English text HMI incorporating enhanced installation and diagnostic screens and capabilities such as:



- Multi-lingual.
- Modbus networkable.
- Simple start menu for ease of application installation.
- Four parameter file upload and download.
- Customised parameter lists.
- Scalable display outputs including; power consumption (kWh), speed, current, torque, ... etc.
- Flash upgradeable.

