



ATV950 : For High performance Solid and Mechanical movement – IP55.



**ATV950 (IP54/55)**

Protection against dust and water jet

Power range : 0.75 to 90kW  
Voltage Range: 380 to 480V

Overload capacity:  
ND : 110% for 60 sec  
HD : **150% for 60 sec**

Communication: Modbus TCP & Ethernet IP-  
**Dual port for redundant communication**

Optional Communication: EtherCAT, Profinet,  
Profibus, etc.

IOs : **8 DI**, 3 RO, 3 AI, 2 AO, ( standard)

**Withstand Harsh environment :**

- IP 54/55 Protection
- 3C3 & 3S3 coated
- Ambient temperature is **50° C** without deration
- Graphical detachable **keypad IP65**

**Embedded application functions**

- **Master/Slave with Multi Drive Link**
- Backspin for Progressive Cavity Pump
- Backlash sequence
- Rope slack for cranes
- **Break logic Control for hoisting**
- Safety function card

**Energy efficiency :**

- Energy monitoring with accuracy >95%
- Embedded **energy dashboards** - periodic trends
- Monitor energy consumption, detect the abnormality in pc consumption (too high/low)

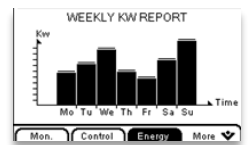
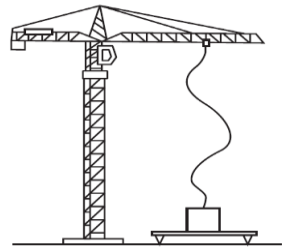
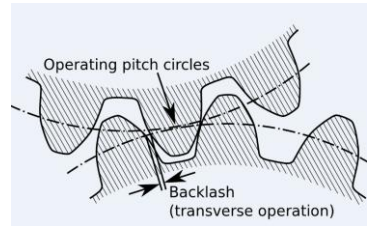
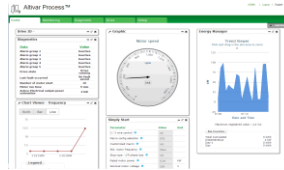
**Future ready IIOT drive :**

- Remote monitoring -**Webserver** is embedded
- Achilles certified – against cyber threats
- Ethernet embedded

**Service oriented drive:**

- Real time data is available
- 5 maintenance scheduling events available
- Diagnostic of IGBT on single click
- Dynamic QR code** – troubleshooting

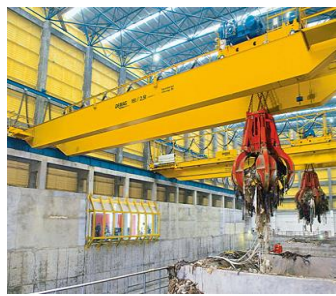
**SIL3/PLe Certified VFD**  
**DC choke inbuilt (0.75 – 90kW)**



[Altivar Process ATV900 catalog](#)

Targeted applications

**MMM:**  
Long Conveyor, Downhill Conveyor, Kiln, Pusher car, St stacker reclaimer, Hopper Gate Control, Skip Drive, Cranes, Lift, Roller Table, Crusher, Vibro feeders, etc with or without **Master Slave, AFE, asset management**



**O&G:**  
Progressive Cavity Pump, Electrically Submersible Pump, with or without **Backspin control**, offshore rig, Onshore Extraction, Cranes, Pipeline control.

**CPG:**  
Sugar crusher, Conveyor, Mixer, Centrifuge, Hot rotary dryers, Pulper, Winder-Unwinder, Mixer

