



The reasons why the Makelsan is a preferred choice:

- Made in Europe
- Machines are manufactured as a range, not individual machine or size, this means spares are interchangeable, which brings the maintenance and long-term ownership costs down.
- SNMP, AS 400, Parallel kit all included as standard, no extras needed.
- Machines are not software locked for services, this is a non-proprietary system as service training is provided to technically capable resellers. This will allow servicing, battery changes and repairs to be done by various trained resellers and not by just the supplier or local agent.
- In conjunction with the manufacturing plant we have come up with a virtual modular system, chassis sizes are 30kva, 60kva, 120kva and 200kva, below is the breakdown of power modules in each chassis. This means that you pay for what you currently need and then upgrade to the size you need to in the future without changing the machine, this is the most attractive solution without paying exorbitant upgrade or machine replacement costs.
 - a. 30kva chassis will accommodate 10kva, 15kva, 20kva and 30kva modules.
 - b. 60kva chassis will accommodate, 30kva, 40kva, 50kva and 60kva modules.
 - c. 120kva chassis will accommodate, 80kva, 100kva, 120kva modules.
 - d. 200kva chassis will accommodate, 140kva, 150kva, 160kva, 180kva and 200kva modules
- Dual power boards in each machine, this we do as an internal redundancy or paralleling within the machine, most manufacturers have a single card that they change every 5 years at a huge cost, with our system this is not necessary. Should card fail, machine sends out email and runs on the other card until the fault is sorted out.
- Built in spares, some boards have additional components installed, mainly the electro mechanical parts. This means a quick and easy repair without carrying these types of components around.
- Reliability, in 4 years to date, we have had only one failure, and this was suspected lightning damage.
- Efficiency up to 0,96
- Built in manual machine bypass system.
- Colour of machine to suit electrical plant requirements, this orange colour is in line with standard electrical requirements in most plants.

0861 000 133
reception@modac.co.za
www.axil.co.za

DBN

JHB

CPT

