

PROUDLY 100% AUSTRALIAN OWNED

MACFARLANE  
GENERATORS



ESTABLISHED 1949

# 30-100kW Loadbank



**Crestchic Loadbanks**  
WORLDWIDE LOADBANK SPECIALISTS

## Transportability

Supplied with heavy duty swivel castors for ease of transport or without castors for fixed installations. Optional forklift base.

## Weather Protected

Designed for outdoor use, weather protected rigid IP55 construction.

## Load Switching

1kW switching resolution.

## Longevity

Stainless steel enclosed elements consisting of 80/20 nickel chrome resistance wire for long service life.

## Reliability

12 months warranty.

## Support

Full range of accessories (i.e. cables, cable guards etc.).



## LOADBANK SPECIFICATIONS

### Capacity

240/415V, 50 Hz,  
1.0 PF.

### Design Voltage

415 volts, 50 Hz  
Other voltages and frequencies available  
on request.

### Load Switching

The KCS control system allows loads to be switched to any value between zero and the maximum capacity of the load bank with 1kW switching resolution.

### Dimensions

1276mm (h) X 1048mm (l) X 875mm (w)  
230 KG

### Cooling

One fan, forced air cooling.  
Comes with electrical interlocking system and  
Thermal sensors for safe operations.

### Resistors

Load is provided by groups of totally enclosed resistor elements consisting of 80/20 nickel chrome resistance wire centred in a finned stainless steel tube filled with compressed magnesium oxide to ensure rapid heat transfer.

### Air Flow

3,000 CFM, designed  
for the outdoors.

### Parameters

Maintains maximum capacity  
in ambient conditions up to 50° C  
and 100% humidity.

**VIC Office:** 136 Fairbank Road, Clayton South, VIC 3169 Tel.: 03 9544 4222 Fax: 03 9543 7138

**NSW Office:** 1 St James Place, Seven Hills, NSW 2147 Tel.: 02 9899 6699 Fax: 02 9899 8048

**QLD Office:** 31 South Pine Road, Brendale, QLD 4500 Tel.: 07 3205 6333 Fax: 07 3205 6344

*Power Anywhere, Anytime*  
**1300 MAC GEN (622 436)**

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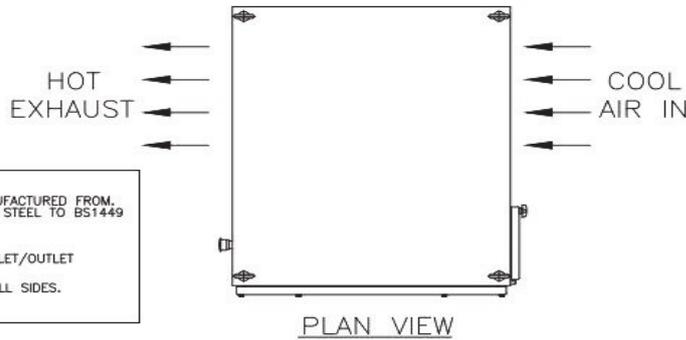
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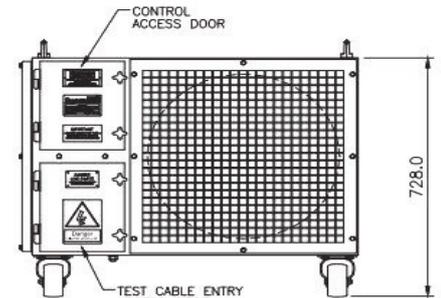
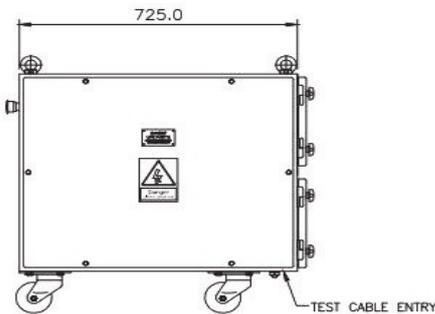
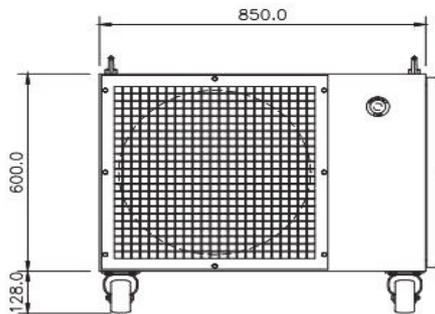


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- NOTES:-
1. MAIN ENCLOSURE AND ANCILLARY METALWORK MANUFACTURED FROM, COLD ROLLED, HIGH GRADE ZINTEC (ZINC COATED) STEEL TO BS1449 PART 1 : 1972 GRADE CR4.
  2. APPROX WEIGHT: - 130kg.
  3. NO OBSTRUCTION PERMITTED WITHIN 1m OF AIR INLET/OUTLET GRILLS.
  4. 1m CLEARANCE REQUIRED FOR MAINTENANCE ON ALL SIDES.
  5. APPROX AIRFLOW - 3000CFM (5100CMH)



## LOADBANK SPECIFICATIONS

### Control Terminals

Three available control terminals for use with KCS control system are:

- KCS100R which is a handheld remote terminal,
- KCS100L is a control terminal mounted on the loadbank,
- KCS100D is a control terminal designed for flush mounting on customers' generator control panel or separate wall mounting.

### Options

Base Load; Load Tracker; Phased Rotation Indication; Auxiliary Internal/External; Fan Auto Reverse; Fork Lift Base; System Extend; Military Connectors; Laptop Computer Control and Monitoring.

### Load Terminals

Brass terminal studs and bolts provide terminations for load cables. A one third rated neutral is provided.

Fixed installation loadbanks are provided with a cable box and undrilled gland plate, transportable units have Terminations behind an access door with an open cable entry in the bottom of the enclosure.

*Materials and specifications are subject to change without notice.*

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