

MS110

1000 kW Load Bank

- Easy operator controls insure no auto-restart.
- CSA compliant fusing.
- Portable — for multiple site load testing.
- Includes Sigma Handheld remote control with Sight Load Correction (SLC) upon request.

PRODUCT DETAILS

- The MS 110 loadbank from ComRent is rated for continuous operation with an overall load tolerance at rated voltage of -0 to + 5%. This load bank is ideal for outdoor operation (rated IP54) for routine load testing of stand-by diesel generating systems or for factory production line testing of Uninterruptible Power Supplies (UPS), turbines or engine generator sets.
- The load bank features horizontal air discharge, which would call for installation in low traffic areas.
- The MS 110 incorporates state-of-the-art load bank design features such as emergency stop/disconnect switches which give full isolation of the fan and control supply. The load contactors are interlocked with the fan controls to ensure load can be applied only when the fan is running.
- Quick disconnect insulated Cam-Lok style power connectors. Male receptacles located on the load bank with mating Female plug connectors supplied loose for customer load cables.
- Dynamic loading capabilities (SLC).
- External current transformers included (4000:5) for Dynamic loading.

Total Load kW	Voltage	Load Step Resolution kW
1000	600	1
1000	480	1

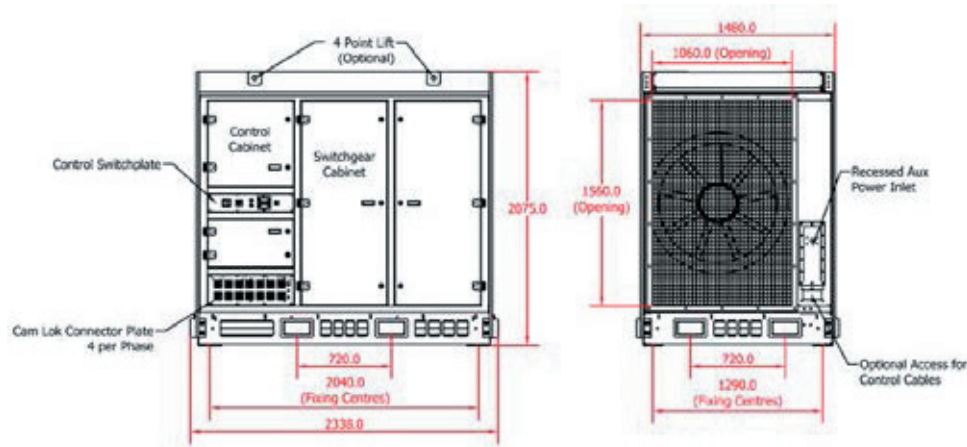


GREAT FOR TESTING

Generators
Switchgear
Turbines
UPS Systems
Rotary UPS

DIMENSIONS

Length: 80" (203.2 cm)
Width: 54" (137.2 cm)
Height: 61" (154.9 cm)
Weight: 3,197 lbs. (1,450 kg)



SPECIFICATIONS

CONSTRUCTION: The frame of the load bank is constructed from 2mm 'Zintec' steel, folded and welded to form a monocoque construction. Double skinned recessed doors allow easy access to the separate enclosures for control, switch gear and power connections. The double skinned, horizontal discharge duct with stainless steel heat shield contains the resistive load elements and the cooling fan.

AUXILIARY POWER: The fan and control circuit may be powered internally or from an external source. NOTE: If external fan/control power source is used then a service of 25 amps for 480 VAC units and 20 amps for 600 VAC units are required.

COOLING: Forced-air cooling is by a single axial metal-bladed airfoil fan, giving horizontal discharge. Typical noise level is 73dBA at 50Hz. Measurements are taken 3 meters from the load bank and at 90° to the airflow direction. Operating ambient temperature is - 10 to 50°C (14 - 122°F)

CONTROLS/METERING: Controls include a POWER ON-OFF switch, a POWER ON light. Sigma remote controls with available PC interface.

SAFETY CIRCUITS: The MS 110 load bank features emergency stop, over voltage protection, auto load dump circuit and overtemperature protection.

WEIGHT: 3,197 lbs.

Ask about optional rental accessories for this unit.