

3000KW PORTABLE LOAD BANK

3000KW PORTABLE LOAD BANK WITH THE FOLLOWING FEATURES:

- 3000kW at 480V, 3-phase, 60Hz (3608A/phase)
- 5kW minimum load step resolution
- Operation via manual toggle switches or use with the Intelligent Load Bank Remote System
- Trailer mounted
- Kwick Power exclusive container for cable/accessory storage that doubles as operator control room.
- Rugged, outdoor-rated enclosure



CONSTRUCTION

Heavy-duty galvanized steel enclosure with powder coat finish and stainless steel fasteners. Permanently mounted to an 18ft trailer with Kwick Power exclusive container for cables and accessories which can be used as a control room for the operator.

COOLING SYSTEM

Forced air-cooled by dual 15HP blower motors with direct-drive fans. Side air intake with vertical exhaust. Stainless steel gravity louvers protect against weather. Rated for continuous duty. Blower power can be sourced internally from the unit under test or externally.

CONTROL POWER

Derived from source under test through a control power transformer, or externally if desired. Emergency stop push-button provided to disable control power to all circuits.

OPERATOR CONTROLS

Local control panel with indicators for Main Power, Blower On, Overload, Airflow Failure, Over-Temperature, Load Dump, and Wrong Voltage Applied.

Ethernet ports allow daisy-chaining of multiple units, utilizing the Intelligent Load Bank System.

METERING

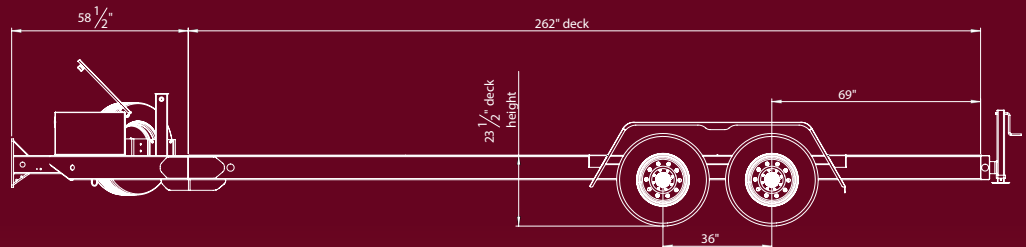
Integrated Precision Power Analyzer (0.2% accuracy) with RMS metering, harmonics, oscilloscope waveforms, and phasor diagrams. Data logging via USB or Ethernet.

SAFETY FEATURES

- Branch circuit fuse protection for all load steps (200k AIC)
- Overload relay and fuse protection for blower motors
- Differential pressure switch for airflow verification
- Over-temperature protection with automatic load removal
- Wrong voltage detection prevents improper load application

Voltage	Total Load (kW)	Load Steps (Amps)
480 VAC	3000	5, 10, 10, 25, 50, 100, 100, 200, 250, 250, 250, 250, 250, 250, 500, 500

NOTE: June 2023--Upgraded to 8,000 lb axles from previous 7,000 lb axles

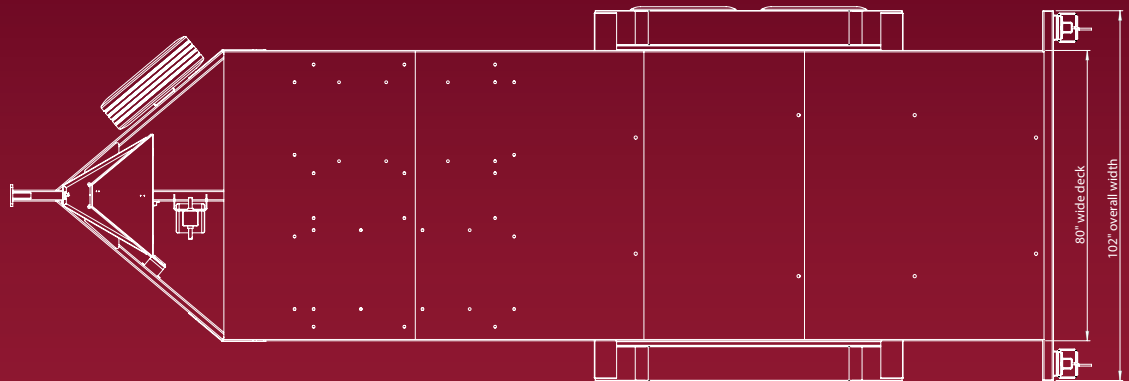


BLUEPRINT & DIMENSIONS:

APPROXIMATE DIMENSIONS (INCLUDING LOAD BANK):
102"W X 321"L X 122"H

GVRW:
16,000LBS

MANUFACTURER:
TRYSTAR



Ask us about our
Intelligent Load Bank Remote System
It turns multiple load banks into a single load bank system for commissioning

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