

# PORTABLE RESISTIVE LOAD BANK

## XS500

Building on its experience with resistors in the locomotive and mining truck world, Mosebach's XS500 load bank offers you a continuous load at various voltages in a compact, lightweight enclosure. The XS500 is the smallest load bank in its class.

The digital meter allows you to measure power, voltage, current and frequency while also allowing you to record the data as you do your testing.

Power connections are easily done with our camlock connections. External power is used for blower and control power if desired. You should be up and testing within minutes of connecting your power source.

*Built locomotive tough!*

BY MOSEBACH MANUFACTURING

ISO 9001:2008 Registered

CSA site-certified



*The smallest load bank in  
its class on the market.*

**M**ISEBACH  
Mosebach Manufacturing Company

1417 McLaughlin Run Rd.  
Pittsburgh, PA 15241

For orders and information call **412-220-0200**

loadbanks@mosebachresistors.com | www.mosebachresistors.com

# specifications: XS500

## RATINGS OF XS500:

kW	Voltage	Resolution
500	480	5
500	240	5
500	208	3.75

Single-phase ratings also available.  
600/300V also available.

## Construction

- Steel enclosure with durable powder-coated finish.
- Base has fork lift channels and provision for slings.
- Easy access to fuses and contactors.
- Sturdy welded frame.

## Connections

- Power connections are via camlocks - heavy-duty connectors rated for 400 amps each.
- Auxiliary power is either direct from the load bus or via an external supply.
- Data connection is via USB type B connector.

## SIMILAR MODELS AVAILABLE

Model	kW	Resolution (kW)	Dimensions (in.) (W x D x H)	Voltages	kW @ 1/2 Voltage
XS400	400	5	35 x 38 x 59H	Either 480/240 or 600/300	400
XS500	500	5	35 x 50 x 71H	Either 480/240 or 600/300	500
XS750	750	5	35 x 60 x 92H	Either 480/240 or 600/300	750
XS1500	1500	5	40 x 80 x 84H	Either 480/240 or 600/300	750
XS3000	3000	5	100 x 80 x 84H	Either 480/240 or 600/300	1250
XS500-2	500	5	35 x 50 x 71H	480/416	n.a.
XS750-2	750	5	35 x 60 x 92H	480/416	n.a.

## Controls

- Main On/Off switch allows power to the blower and meter.
- Master On/Off switch allows the selected load to be enabled.
- Load switches allow you to vary the load in 5 kW increments.
- The voltage applied to the bank is automatically detected by the system which then auto-configures itself to prevent over/under voltage problems.
- Indicator lights advise if an airflow or overtemperature condition exists. The unit automatically reacts by cutting power to prevent damage.
- Selector switch enables or disables the auto-load-dump feature.

## Meter and Data

- The digital meter indicates power, current, voltage and frequency with the touch of a button. The dataport allows you to record the testing to your laptop.

## Safety

- Ground connection
- Ovetemperature sensor
- Overvoltage sensor
- Airflow sensor
- Auto-detection of applied voltage
- Auto-detection of phase rotation

## OPTIONS:

- Single or dual voltage
- Set of mating female camlock connectors
- Bus connection terminal box
- Cable set with mating connectors, 25' or 50' or 75'
- Protective vinyl cover
- Louvers for intake and exhaust
- Steel covers for intake and exhaust
- Trailer-mounted
- Electric or manual cable reels
- Casters
- Remote control with our Multi-Unit Controller (MU20 or MU500)



1417 McLaughlin Run Rd.  
Pittsburgh, PA 15241

© 2016 Mosebach Manufacturing Company

*We can design and build almost any load bank to fit your needs.  
Please contact us with your specifications!*

For orders and information call **412-220-0200**

loadbanks@mosebachresistors.com | www.mosebachresistors.com

XS500 01/16