

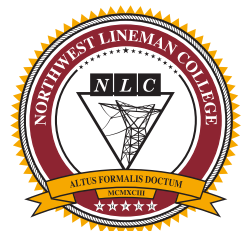
TRANSFORMER TRAINING

TRANSBANKER[®]

THE REVOLUTIONARY TRANSFORMER TRAINING LAB



MOBILE & STATIONARY TRANSFORMER TRAINING LABS



LINEMAN.EDU



ELIMINATE OUTAGES



IMPROVE SAFETY



LOWER CUSTOMER CLAIMS



INCREASE PRODUCTIVITY

TRANSFORMER TRAINING

Transbanker Training Labs are the revolutionary, hands-on way to teach linemen how to correctly select, connect, and test transformers the first time, every time.

Save money by reducing costly call-backs, equipment damage, and customer claims.

Improve safety and productivity of your workforce through realistic, hands-on training.







A close-up, profile view of a man wearing a white hard hat and safety glasses, looking down. He is wearing a bright yellow long-sleeved shirt. The image is partially cut off by a diagonal line.

ELIMINATE OUTAGES

Linemen trained on TransBanker Labs are far less likely to make the mistakes that cause preventable outages. Realistic training with repetitive practice in a forgiving lab setting results in professional linemen who perform properly wired installations.





IMPROVE SAFETY

Protect your workforce by making your people experts on the hazards of improper installation and the growing problem of backfeed caused by local power generation.









LOWER CUSTOMER CLAIMS

The average cost of a customer claim due to an incorrectly installed transformer is \$5,330*. Claims over \$50,000 are not uncommon.

How much are transformer claims costing you?



*According to the Federated Rural Electric Insurance Exchange



INCREASE PRODUCTIVITY

Promptly and properly selecting, installing, connecting, and testing transformers are key skills for lineworkers. The TransBanker is the most realistic and effective training product to teach these critical skills. Mobile and stationary options give you the ability to tailor your training to meet the productivity requirements of your operations managers.







ENERGIZE YOUR ON-SITE TRAINING WITH THE TRANSBANKER

STATIONARY LAB



STATIONARY LAB FEATURES

- 1** Primary bus energized 120/208 VAC 3-phase, 4-wire
- 2** Composite crossarms with energized system indicators
- 3** Fused disconnects with energized and phasing indicators
- 4** Power control center
- 5** Durable, lightweight aluminum poles
- 6** **Single-phase and three-phase transformer installations**
Transformers are designed with a 120 V or 208 V primary rating and a 120/240 V secondary rating. Connect virtually every bank possible:
Wye or Delta, primary and secondary:
 - Single-phase transformer installations
 - Single-phase paralleling installations
 - Three-phase open banks
 - Three-phase closed banks
 - Three-phase paralleling installations
 - Rotation and phase sequencing
- 7** Three-phase meter with meter base, gang switch, and three-phase “sawmill” customer
- 8** Single-phase meter with meter base, load panel, and single-phase “residential home” customer
- 9** Dry erase surfaces allow trainees to draw connection diagrams, rotation schematics, and more
- 10** Slide out drawers for storage of test equipment, tools, connectors, and included curriculum

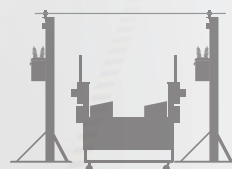


SCALABILITY

Standard layout dimensions are shown below. We are also happy to customize your layout to work within the size of your facility.

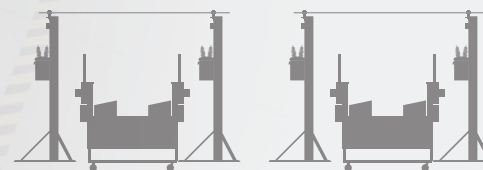


2-POLE



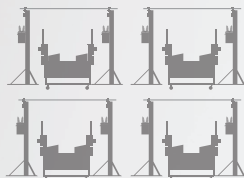
Floor space: 15' x 25'
Height: 10'4"
Student capacity: 4

4-POLE



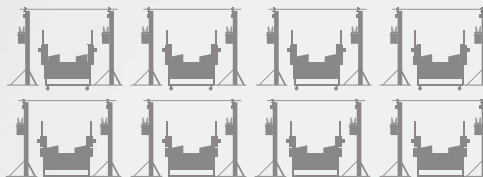
Floor space: 30' x 25'
Height: 10'4"
Student capacity: 8

8-POLE



Floor space: 30' x 50'
Height: 10'4"
Student capacity: 16

16-POLE



Floor space: 60' x 50'
Height: 10'4"
Student capacity: 32



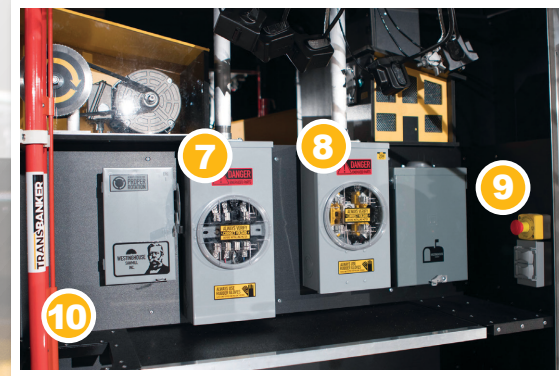
REDUCE TRAINEE TRAVEL AND DOWNTIME WITH THE TRANSBANKER

MOBILE LAB



MOBILE LAB FEATURES

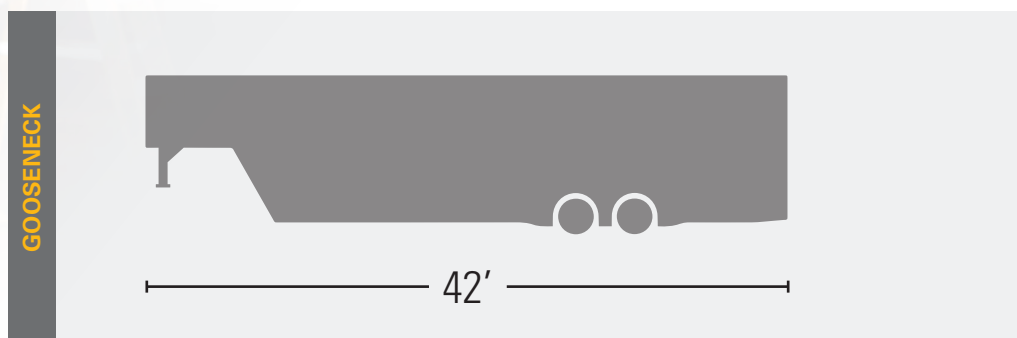
- 1 Primary bus energized 120/208 VAC 3-phase, 4-wire**
- 2 Composite crossarms with energized system indicators**
- 3 Fused disconnects with energized and phasing indicators**
- 4 Durable, lightweight aluminum poles**
- 5 Single-phase and three-phase transformer installations**
Transformers are designed with a 120 V or 208 V primary rating and a 120/240 V secondary rating. Connect virtually every bank possible; Wye or Delta, primary and secondary:
 - Single-phase transformer installations
 - Single-phase paralleling installations
 - Three-phase open banks
 - Three-phase closed banks
 - Three-phase paralleling installations
 - Rotation and phase sequencing
- 6 Dry erase surfaces allow trainees to draw connection diagrams, rotation schematics, and more**
- 7 Three-phase meter with meter base, gang switch, and three-phase “sawmill” customer**
- 8 Single-phase meter with meter base, load panel, and single-phase “residential home” customer**
- 9 Emergency Stop power-off safety switch**
- 10 Hot stick storage**





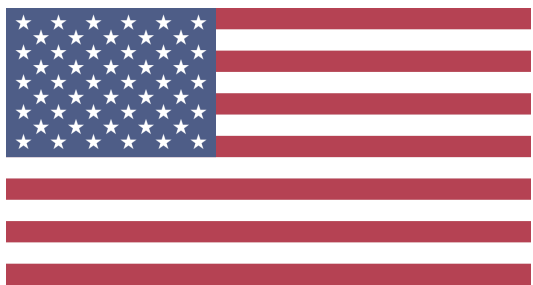
SELF-CONTAINED

3-phase generator is included in Mobile Lab



Trailer length is 42' from center of hitch to back of cargo.

Curb Weight:	12,700 lbs
Gross Vehicle Weight Rating:	20,000 lbs
Optimum Student Training Capacity:	8



MADE IN THE USA

**EQUIP YOUR
TRAINERS TO
DELIVER THEIR BEST**





STEPS

TO BUY A TRANSBANKER

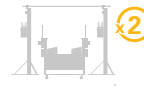
1 SELECT the right TransBanker for your training needs.

2-POLE STATIONARY LAB FOR 4 STUDENTS



- Load center
- 2 Backfeed residential houses
- 2 Sawmills
- 2 Shotgun sticks
- 2 Fuse sticks
- Ladder
- Power pole
- Standard pole
- Power crossarm
- Standard crossarm
- Power control package
- 6 Training transformers
- Bus package
- 4 Curriculum binders

4-POLE STATIONARY LAB FOR 8 STUDENTS



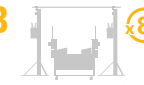
- 2 Load centers
- 4 Backfeed residential houses
- 4 Sawmills
- 4 Shotgun sticks
- 4 Fuse sticks
- 2 Ladders
- Power pole
- 3 Standard poles
- Power crossarm
- 3 Standard crossarms
- Power control package
- 12 Training transformers
- Bus package
- 8 Curriculum binders

8-POLE STATIONARY LAB FOR 16 STUDENTS



- 4 Load centers
- 8 Backfeed residential houses
- 8 Sawmills
- 8 Shotgun sticks
- 8 Fuse sticks
- 4 Ladders
- 2 Power poles
- 6 Standard poles
- 2 Power crossarms
- 6 Standard crossarms
- 2 Power control packages
- 24 Training transformers
- Bus package
- 16 Curriculum binders

16-POLE STATIONARY LAB FOR 32 STUDENTS



- 8 Load centers
- 16 Backfeed residential houses
- 16 Sawmills
- 16 Shotgun sticks
- 16 Fuse sticks
- 8 Ladders
- 4 Power poles
- 12 Standard poles
- 4 Power crossarms
- 12 Standard crossarms
- 4 Power control packages
- 48 Training transformers
- Bus package
- 16 Curriculum binders

4-POLE MOBILE LAB FOR 8 STUDENTS

- 4 Mobile load centers
- 4 Backfeed residential houses
- 4 Sawmills
- 4 Shotgun sticks
- 4 Fuse sticks
- 4 Ladders
- Power pole
- 3 Standard poles
- Power crossarm
- 3 Standard crossarms
- Power control package
- 12 training transformers
- Bus package
- TransBanker Mobile Lab racking system
- 8 Curriculum binders



2 CONTACT us to discuss your TransBanker purchase.

Email:
transbanker@lineman.edu

Call:
1.208.906.3024

Request a current price sheet

3

COMPLETE

TransBanker Certification

Complete the required assembly and operation certification course at the NLC Idaho Campus near Boise, Idaho. The price of the certification course is included in your purchase of the TransBanker (except for your travel). If you purchase installation of your Stationary TransBanker lab, we will deliver the Operator Training Certification to your team at your facility using your new lab.



4

RECEIVE

your TransBanker
to begin transforming your workforce.

Ask us about our available installation
service for the TransBanker stationary lab.



FAQ

What size lab should I purchase?

For optimum learning, we designed the TransBanker lab to train two students per training station, or pole. To determine the recommended lab size, divide the maximum class size that you would like to train by two. For example, for a 16-student class, we recommend an 8-pole lab.

How soon can I receive my lab?

We build your TransBanker to order in Idaho, USA. Completion is approximately 15 weeks from the receipt of your down payment, dependent on demand. Please give us a call to discuss our current lead times.

I won't be ready for my lab until next year. Should I call you now?

Yes, please give us a call so we can hold a place for you in our production schedule and help you lock in today's prices.

Are student textbooks included?

Yes, we include two student binders per pole in your purchase price. If you are a TransBanker customer and would like to purchase additional student textbooks, please contact us for a quote.

Can you install my stationary lab?

Yes, we are happy to give you a quote for professional installation of your stationary lab by our expert staff.

What is the TransBanker Operator Certification course?

Our Operator Certification course teaches you the proper assembly and operation of your TransBanker. The course consists of approximately one full day of training, depending on your lab type, at the NLC Idaho Campus. To make sure your company can safely and properly operate the system, we require that at least two employees, normally trainers, complete the training. The price of this training is included with each TransBanker purchase (excludes your travel). The Operator Certification course is not an Advanced Transformers course, but NLC does offer that program through our Utility Training Services.

What service power does the lab require?

The stationary lab requires a 3-phase 120/208 VAC source on a dedicated 30 A circuit. The mobile lab has a self-contained 3-phase 120/208 VAC generator that is included with the purchase of the mobile unit. It can also use 120/208 VAC 30 A shore power.

Which transformer banks can I connect?

Virtually any connection that can be done in the field can also be done with the TransBanker. You can experiment and create without damaging equipment or putting people at risk. If you have a unique power system or you have questions about unusual banks, please give us a call or send us an email.









"The TransBanker has given the linemen a better understanding of how transformers work through hands-on training."

Justin Christopherson
IDAHO POWER

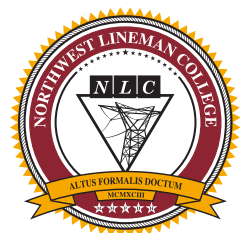
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VERSION 4

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