

TABLES: TRAINING TABLES

PRESENTATION ENVIRONMENTS POWERTRAK SYSTEM

The PowerTrak enables many of our training tables with power and data capabilities. It attaches to the underside of the tabletops, where it stays even when tables are folded for storage or during room reconfigurations.

- **Easy:** PowerTrak jumpers feature quick disconnect capabilities for ease in setting up and reconfiguring tables.
- **Durable:** All-metal construction lasts for years.
- **Cord Friendly:** Conceals and protects cords and wires to prevent damage.
- **Safe:** Independent raceways for data and power meet Category 5 Requirements.
- **Convenient:** PowerTrak electrical components do not need to be removed when folding tables.
- **Guaranteed:** PowerTrak is backed by a 12-year warranty. Optional electrical components are backed by a 1-year warranty.
- **GREENGUARD Certified**

Available exclusively through 

SPECIFICATION INFORMATION

POWERTRAK

CONSTRUCTION

PowerTrak is constructed from 18-gauge steel and is finished in Bretford's standard powder paint. PowerTrak features an upper channel for data cables and a lower channel for power. A perforated steel flip-down door creates easy access to all cables. Holes in the back of the track allow cords to pass easily onto the tabletop.

INSTALLATION

PowerTrak attaches to tabletop with steel bolts into threaded steel inserts. When installed, the PowerTrak raceway measures 22" (56cm) above the floor and spans the complete width of the table, hiding the power and data cables that pass between tables. End caps close the trough off at the end of a run of tables.

POWER CAPABILITIES

PowerTrak is available for 42", 48", 60" and 72"W (107, 122, 152, and 183cm) tables. Power in-feed carries an 8-wire, 4-circuit hardwire solution that must be installed by a licensed electrician, or a 6-outlet, surge-protected power strip that uses a grounded plug. Components are UL-Listed and manufactured in accordance with National Electrical Code Requirements.

COMMUNICATION CAPABILITIES

All PowerTrak units come with a separated voice/data raceway and two data plates that hold up to four RJ45 or four RJ11 data jacks. The separation of power and data channels allows PowerTrak to meet Category 5 Requirements.

NEW YORK SOLUTION

Bretford supplies optional electrical components to meet NY electrical requirements (special lead time and pricing apply). Please contact Bretford Customer Support at 800.521.9614 for more information.

NOTE: Electrical components cannot be returned.

POWERTRAK DIMENSIONS

PowerTrak Depth	5 ⁵ / ₁₆ " (13cm)
PowerTrak Height	5 ³ / ₁₆ " (13cm)
Power Channel	Width - 2 ¹ / ₂ " (6cm) Height - 3" (7cm)
Voice/Data Raceway	Width - 2 ¹ / ₂ " (6cm) Height - 3" (7cm)

PRESENTATION ENVIRONMENTS POWERTRAK SYSTEM

ORDERING POWER OPTIONS

By following our simple step-by-step guide, you can easily determine how many circuits are required to ensure the electrical equipment you order is safe. Tables featured in this guide have separate raceways for voice and data wires and meet Category 5 Performance Requirements. Data receptacles on our powerhouses are .79"W x .59"D and utilize the Tyco Electronics 110 connect series jacks. For a list of Tyco Electronics distributors in your area, call the Tyco Electronics Information Center at 800.522.6752. Electrical components are UL-Listed and manufactured in accordance with National Electrical Code requirements. Certain cities and municipalities may have additional requirements. **Hardwire systems must be installed by a licensed electrician.**

FIGURE OUT HOW MANY AMPS YOU WILL BE RUNNING

An amp is a unit of measure that tells how much electricity a machine is drawing from an electrical system. On your computer or electrical device, locate the faceplate that describes the machine's technical features. The amps are usually displayed like this: INPUT: 120 V - 1.8 A. If you cannot find this information on the machine, it may be located in the owner's manual.

CALCULATE THE TOTAL NUMBER OF AMPS PER POWERED SERIES

A powered series is the total number of amps from which you will be drawing power off of one power feed. In our case, it could be a row of tables joined together or a single conference table with many power receptacles. Add up the number of amps for each machine being powered off the series. Please note that all equipment is different and will vary by machine.

DIVIDE BY 16

Although each circuit is rated for 20 amps of intermittent use, most computers and machinery in an office or school environment are used continually for many hours. In this type of situation, the National Electrical Code restricts the circuits to 16 amps of continuous use. So, divide the sum of the amps by 16.

DETERMINE THE NUMBER OF CIRCUITS YOUR POWER SERIES REQUIRES

In most cases, the number determined in STEP 3 will be a decimal. Round up to the next whole number, which will be the number of circuits required to run your equipment safely. If the number you arrived at is greater than four (the maximum number of circuits the system will handle), you will have to decrease some of the power being used on this system or create another system with a new power feed.

REPEAT STEPS FOR EACH REMAINING POWERED SERIES

This would apply if you have multiple rows of training/computer tables or another conference table. Remember, you must go through this process for each system that runs off its own power feed.

Now that we know how many circuits each powered series will need, let's see how it applies to different types of Bretford tables.

Bretford's 8-wire, 4-circuit system uses duplex receptacles (each duplex has two power outlets) to determine from which circuit the electrical equipment will draw power. The receptacles are marked 1, 2, 3, or 4 to designate the circuit that is activated when it is installed into the power harness. Circuits 1, 2, and 3 all share a common ground while circuit 4 has a separate ground of its own and a neutral wire. This makes circuit 4 perfect for more sensitive equipment, like printers and network servers.

If your system requires two circuits, specify duplexes 1 and 2 along the entire system to access those specific circuits.

Here is an example of what a 2-circuit system will require:

- (4) 60"W x 30"D TransTables
- (4) 60"W PowerTrak Raceway
- (4) 60"W Power Harness
- (4) Duplex Circuit 1
- (4) Duplex Circuit 2
- (3) Jumpers
- (1) Hardwire Power


Here is an example of what a 4-circuit system will require:

- (5) 72"W x 30"D TransTables
- (1) 90° Pie Top
- (5) 72"W PowerTrak Raceway
- (5) 72"W Power Harness
- (3) Duplex Circuit 1
- (3) Duplex Circuit 2
- (2) Duplex Circuit 3
- (2) Duplex Circuit 4
- (3) Standard Jumpers
- (1) Pie Jumper
- (1) Hardwire Power Feed

NOTE: All powered tables come standard equipped with data and communication support raceways. Bretford does not offer data jacks. Therefore, they must be purchased separately.

HOW TO ORDER POWER: HARDWARE (8-WIRE, 4-CIRCUIT)


STEP 1 - SPECIFY TABLE



Example of table order code:
PTT3060 - RN - 082 - R - 04

Model No.	Paint Base Color	Laminate or Veneer	Trim Color	Edge Detail
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STEP 2 - SPECIFY POWERTRAK



Example of PowerTrak order code:
PWRTK60 - RN

Model No.	Paint Base Color
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The PowerTrak chassis mounts to the underside of our rectangle tables. Order the PowerTrak in the same length and color as the table.

STEP 3 - SPECIFY POWER HARNESS



Power harness order code:
PWRHARN60

Model No.

Specify a power harness based on the length of the table. The power harness attaches to the bottom channel of the PowerTrak chassis. It distributes power through the channel on the specified circuits.

NOTE: Must be installed by a licensed electrician.

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⚠ Must order with tables.

PowerTrak Power/Cable Way

Model #	Table Width	Wt	List Price
PWRTK42	42"	18 lbs	\$355
PWRTK48	48"	20 lbs	\$388
PWRTK60	60"	24 lbs	\$411
PWRTK72	72"	30 lbs	\$430

HARDWIRING STEP 2

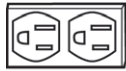


⚠ Holds two duplexes per harness.

Power Harness

Model #	Table Width	Wt	List Price
PWRHARN42	42"	5 lbs	\$129
PWRHARN48	48"	5 lbs	\$142
PWRHARN60	60"	7 lbs	\$156
PWRHARN72	72"	9 lbs	\$167

HARDWIRING STEP 3

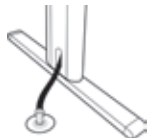


⚠ Two units per table.

Duplex - Circuit

Model #	Description	Wt	List Price
DUPLC11	Duplex - Circuit 1	1 lbs	\$29
DUPLC22	Duplex - Circuit 2	1 lbs	\$29
DUPLC33	Duplex - Circuit 3	1 lbs	\$29
DUPLC44	Duplex - Circuit 4	1 lbs	\$29

HARDWIRING STEP 4



⚠ One per row of tables.

Hardwire Jumper Power Entry System

Model #	Diameter x Length	Wt	List Price
JHDES	7/8" x 12'	8 lbs	\$268

HARDWIRING STEP 5



HOW TO ORDER POWER: HARDWIRE (CONT.)

STEP 4 - SPECIFY (2) DUPLEXES FOR EACH HARNESS



Duplex order code:
(2) DUPLC11
Model No.

The duplexes provide plug-in access to a specific electrical circuit.

- DUPLC11 (circuit 1)
- DUPLC22 (circuit 2)
- DUPLC33 (circuit 3)
- DUPLC44 (circuit 4)
- (separate dedicated circuit)

STEP 5 - SPECIFY THE HARDWIRE JUMPER POWER ENTRY



Hardwire order code:
JHDES
Model No.

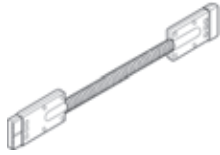
Select the hardwire jumper power entry for each powered series of tables. Be aware of equipment that will be drawing power from the system.

STEP 6 - SPECIFY A POWER JUMPER IF YOU INTEND TO CONNECT TABLES



Example of power jumper order code:
JPCPT30
Model No.

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! One between two tables.

PowerTrak Jumper

Model #	Connecting PowerTrak Raceways with	Length	Wt	List Price
JPCPT30	Wave Tables	31 ¹ / ₄ "	10 lbs	\$161
LJUMP3660	90° pies	36 ¹ / ₂ "	10 lbs	\$142
LJUMP3405	30°, 45°, and 60° pies	34 ¹ / ₂ "	10 lbs	\$175
LJUMP4896	Vista PXM0170 table	46 ¹ / ₂ "	10 lbs	\$155

HARDWIRING STEP 6

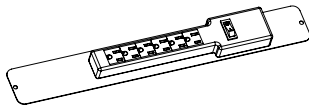


! One per row of tables. Must order with tables.

PowerTrak End Caps

Model #	Description	Wt	List Price
PWRTKCAP	Set of 2 (right and left)	3 lbs	\$76

HARDWIRING STEP 7



6-Outlet Surge Protected Electrical Unit

Model #	Description	Wt	List Price
SPUNIT	6 outlets with 20' cord	4 lbs	\$157

HOW TO ORDER POWER: HARDWARE (CONT.)

STEP 7 - SPECIFY POWERTRAK END CAPS



Example of PowerTrak end cap order code:

PWRTKCAP - RN
 Model No. Base Color

(Set of two - right and left)

HOW TO ORDER POWER: SOFTWARE

SOFTWARE APPLICATION

Follow steps 1, 2 and 7 for ordering hardware. Then specify one 6-outlet power strip for each table. For light to moderate power usage, specify the software surge protected power strip. For safe operation, power strips should not be connected from table to table.



Example of software component order code:

SPUNIT
 Model No.

NOTE: Each power strip requires a floor or wall outlet.

NOTE: Must be installed by a licensed electrician.