

LAND THE FEED. SPLIT THE POWER. CROSS THE AISLE.

Portable power distribution for exhibition floors, arenas and event venues. One feed in, a breaker on every outlet out, and cable protection rated for the forklift. Built and UL Listed in Somerset, New Jersey.



400 A

camlok input on the main distribution center, 120/208 V three-phase

20 to 100 A

IEC 60309 pin and sleeve, UL Listed and CSA Certified on one part number

9 t axle

heavy-duty cable protectors, 1 to 5 channels, hinged lid

A show floor is rebuilt every week. The feed lands at a floor box, gets split to a block of booths, crosses an aisle the forklifts use, and is struck two days later. **Every move-in repeats the same distribution**, and every strike pulls it apart under time pressure.

01 THE PROBLEM: TEMPORARY POWER, PERMANENT RISK

Distribution built from parts on the floor puts the listing, the breaker sizing and the hazard on whoever is holding the tape that morning:

- **Field-built boxes.** A spider box wired for one show gets reused for the next with a different feed. Nobody re-checks the breaker against the load behind it.
- **Open connections under load.** A plug pulled from a live receptacle at strike arcs. A tripped breaker inside a taped-up enclosure takes a whole aisle down to find.
- **Cables across traffic.** Forklifts, scissor lifts and crowds cross the same run. A crushed cable is a dark booth and a trip hazard at once.

02 WHY WALTHER: BUILT FOR THE FLOOR THAT RESETS

Walther wrote the 1960 proposal behind IEC 60309, and its US shop has built portable distribution for events, shipyards and construction for over thirty years.

- **Cased, stackable distribution.** Solid rubber enclosures with a UL 489 breaker on every outlet. They stack on a cart for storage and transport.
- **One feed in.** 400 A camlok into a main distribution center, 50 A CS receptacles out, GFCI outlets at the booth PDU.
- **Interlocked where it matters.** Mechanical interlock receptacles cannot be energized until plugged in and cannot be unplugged until switched off.
- **Listed as the assembly.** Pin and sleeve devices 20 to 100 A, UL Listed and CSA Certified, with cable assemblies from 6 to 100 ft built in the same shop.
- **Cable protection from the same source.** Heavy-duty protectors rated 9 t per axle, light-duty for foot traffic, curves and end caps to fit the aisle.

03 WHERE IT FITS ON THE FLOOR

HALL MOVE-IN

Main distribution center at the floor box; breakered PDUs run out to each booth block.

BOOTH DROPS

20 A GFCI duplex at the booth from a cased PDU; 30 to 60 A for heavy exhibits.

DEMO MACHINERY

30 A, 480 V three-phase through an interlocked receptacle, off only when unplugged safely.

480 V FEEDS

Hand-truck PDS steps 480 V down to 120/240 V with GFCI outlets where only 480 is available.

PLAZAS AND DOCKS

NEMA 3R pedestals and IP67 devices for outdoor exhibits and loading areas.

AISLES AND CROSSINGS

Cable protectors 1 to 5 channels, 30 degree curves to 90 degree arcs, end caps.

04 PRODUCT LINE-UP

	PRODUCT AND FLOOR ROLE	INPUT	OUTPUTS	PROTECTION	BUILD
	Main distribution center Lands the floor-box feed and splits it to the booth PDUs	400 A camlok, 120/208 V three-phase	(8) 50 A CS type 2P+N+G receptacles	50 A 2-pole MCB per outlet, UL 489	Solid rubber, stackable
	Booth PDU Cased outlet box at the booth block, GFCI at the point of use	50 A CS type inlet	(6) GFCI outlets plus pass-through CS receptacle	UL 489 breaker per outlet	Solid rubber, stackable, to spec
	Hand-truck PDS 480 V feed to 120/240 V outlets anywhere on the floor	30 A IEC 60309 IP67 inlet, 480 V three-phase	7.5 kVA; (4) 20 A GFCI duplex	30 A and 50 A 2-pole, (4) 20 A 1-pole MCB	NEMA 3R, UL Listed, 125 lb
	Dual utility pedestal Stainless post for plazas, docks and fixed demo positions	30 A 480 V three-phase and 20 A 120 V, hardwired	(1) 20 A GFCI duplex; (1) 30 A IEC 60309 IP67	32 A 3-pole IP67 mechanical interlock	NEMA 3R, 58 in, 29 lb
	Cable protectors Crossings for forklifts, lifts and foot traffic	1, 2, 4 or 5 channels	Straights, 30 degree curves, end caps; hinged lid	Heavy-duty 9 t per axle; light-duty for pedestrians	Solid rubber, black and yellow

05 CUSTOM BUILT, DELIVERED WIRED, REUSED EVERY SHOW.

Walther's US shop builds distribution assemblies to the venue's floor-box and booth-drop spec and ships them **wired and tested**, so the move-in crew lands one feed instead of building a box.

- **Configured to the venue.** Input connector, outlet mix, breaker per outlet and GFCI where required. A single line or a sketch is enough to quote.
- **Stack, store, strike.** Rubber cases stack on a cart between shows. Nothing to tape up, nothing to rebuild.
- **Mating cables from the same shop.** UL Listed assemblies 6 to 100 ft, pin and sleeve or CS type on either end, cut to the run.
- **Qualified supplier of record.** Somerset, NJ shop under its own ISO 9001:2015 (TUV Rheinland, July 2026); UL Listed assemblies, UL 489 breakers.

NEXT STEP: SEND US THE FLOOR PLAN

Floor-box feed (camlok or hardwired), booth count and power per booth, GFCI requirement, and the aisles the cables cross. We return a distribution layout and a quoted assembly list.