

cannon

We connect heavy equipment
to global progress.

Rugged, reliable, proven connector solutions.



ITT

Engineered to perform. Built to resist.

The jarring impacts of a construction site. The harsh demands of agriculture and trucking. Heavy equipment is engineered to operate in some of the most challenging environmental conditions. But these immense machines are only as durable and effective as the connectors that keep them productive.



VOICE OF THE CUSTOMER

"Every piece of equipment we build needs to stand up to high vibrations and tremendous amounts of dust and dirt. If our clients fall behind even an hour, there can be significant cost and time consequences for them."

Resistant to shock, vibration, water and other fluids, humidity, mud, dust, heat, cold and virtually anything else you can throw at them. Built for the toughest, dirtiest jobs that make our modern way of life possible. ITT Cannon connectors withstand the most demanding environments. Our connector solutions are ruggedized to take on the extremes of heavy equipment.

Fuel injection applications that reduce environmental impact, in-cab communications and lighting, steering systems, control panels and boxes, and critical safety applications—these heavy equipment elements demand the most rugged connectors. That's why, from the engine to the cabin and throughout the chassis, Cannon connectors are an essential part of the nervous system that enables heavy equipment to stay powerful.

BUILT SUPER TOUGH TO TAKE ON:

AGRICULTURE | CONSTRUCTION | TRUCK AND BUS

Ready to meet your specific challenges.

Find what you need with an off-the-shelf solution. Or, for extremely precise challenges and needs, our world-class engineers will work to customize an original interconnect solution to fit your application.

Rugged flexibility. Remarkable strength.

cannon

Heavy equipment requires heavy-duty connectors that take on harsh conditions and extreme weather. A vast range of applications means solutions must be versatile—but never at the expense of reliability. Our family of heavy equipment connectors is designed to deliver the ultimate in flexibility, durability and performance.

Meet some of our connectors



APD SERIES

This full-plastic, proven bayonet series with IP69K sealing and color and mechanical coding is an ideal solution for harsh environments that require high sealing grades.



APE SERIES

These connectors are specifically designed for ABS/EBS brake systems in trucks and trailers and are fully resistant to roadside contaminants, impact and shock.



CA BAYONET SERIES

This incredibly robust and versatile series of connectors has an industry standard interface and proven bayonet coupling design, enabling easy connection and disconnection. The series meets the VG95234 standard and offers exceptional vibration resistance and sealing.



CA-COM SERIES

This nickel plated, cost-effective circular series is a derivative of the CA Bayonet series and delivers exceptional ruggedness and vibration protection.



CLC/SLC SERIES

The super tough, environmentally sealed Snap Lock and Clip Lock Circular series are designed to ensure a tightly sealed connection that can withstand extreme heat, shock and vibration.



CTC SERIES

This series was designed as a high-performance, cost-effective cable-to-cable solution for use in heavy equipment applications where reliable signal circuits are critical to operating performance.



CANNON IT SERIES

Cannon IT Series is an environmentally sealed cable-to-cable connector solution incorporating thermoplastic housings, silicone rubber seals and wedgelocks that delivers rugged performance and superior resistance to moisture and temperature extremes.



KP SERIES

These miniature circular quick disconnect connectors provide an industry standard interface and are qualified to, and interchangeable with, military specifications Mil-C-26482 and VG95328. They deliver a high-contact density in crimp and solder tail versions.



VOICE OF THE CUSTOMER.

"I need every single component and system, down to the connectors, to be the most reliable—no excuses. When people depend on my trucks to get them from point A to point B with cargo that can't be a minute late, nothing can delay them."



SURE-SEAL SERIES

These watertight, chemical and ozone-resistant connectors feature a simple, one-piece, molded elastomeric body that ensures they are easily serviceable in the field, whatever the conditions.



TRIDENT SERIES

This versatile range of metal and plastic electrical connectors with fully interchangeable contacts is available in rectangular and circular configurations, supporting the widest variety of harsh-environment applications.

Endures the roughest conditions.

Construction zones are some of the most demanding industrial environments on the planet. That's why manufacturers rely on our broad range of high-quality, harsh-environment connectors to withstand intense vibration and debris to get the job done.



APD



IT



CA Bayonet



CTC



KPTC



Sure-Seal



Trident

Withstands the toughest environments.

To spend days, weeks and months working in the most extreme temperatures through wet, muddy and harsh environmental conditions, agricultural equipment demands highly sealed, super-resistant connectors that ensure engine reliability, transmission control and effective braking systems.



APD



CLC



CTC



IT



KPTC



SLC



Trident

Engineered for the long, heavy haul.

When transporting people or goods, reliability and safety are key for truck and bus manufacturers—whether they’re in Arctic weather or the harsh conditions of the Sahara. Every component and system needs to prevent against electrical failure and resist the dust, dirt and other debris these vehicles come into contact with on the open road.

WIPERS/UNDER HOOD ELECTRONICS
IT, CTC

JAKE BRAKE
SLC

POWER TRANSMISSION IN STEERING SYSTEMS
APD

CABIN ACCESSORIES/IN-LINE INTERCONNECTS
CTC, SLC, CLC, IT

SEAT AND WINDOW CONTROLS
CTC, IT

SELECTIVE CATALYTIC REDUCTION
APD

CONTROL BOX FOR CARGO LIFT
APD

SENSORS
IT, CTC

BATTERY CONNECTION
APD

ENGINE ECU CABLE ASSEMBLY
Trident

FUEL INJECTORS
CLC

ENGINE INJECTION NOZZLE
APD, IT

ABS BRAKING SYSTEM
APE

CONTROL SIGNAL CONNECTOR FOR VEHICLE
Trident, IT

LIGHTING SYSTEMS
IT, CTC, SLC

APD

APE

CLC

IT

CTC

SLC

Trident

A global presence. A personal touch.

cannon

For more than a century, ITT Cannon has developed innovative interconnect solutions for the world's harshest environments. With facilities in the United States, Germany, Italy, Mexico, China, and Japan, each with its unique strengths, we offer our customers the broadest and most comprehensive product portfolio on the market.

In addition to this truly global footprint, we offer highly specialized, segmented industry expertise. We have a proven track record as an industry leader in harsh-environment applications. This has equipped us with the knowledge needed to continue to produce the most resilient and reliable connectors for our customers' most challenging conditions.

Partnership is at the heart of what we do. If you can't find what you need, our engineers will work alongside your engineers to develop the perfect solution.

Industry-recognized environmental,
safety and reliability standards.



Engineering a better future

We've been a part of some major achievements over the past 100 years. And we're looking forward to our role in the next century.

From helping Neil Armstrong communicate with Earth after landing on the Moon, to enabling the first "talking" motion picture, ITT Cannon has produced connectors that have quite literally changed the world. We're proud of our company's long, storied history of innovation and are ready to push the limits of what's possible for years to come.



VOICE OF THE CUSTOMER

"When you're building equipment for an industry that is a defining factor in the nation's economy, there's no option but for it to be the most durable. That's why I only use the strongest, most rugged connectors out there."

Connect with your ITT Cannon
representative today or visit us at
ittcannon.com

Let's stay productive in tough environments.
Contact ITT Cannon today to start discussing interconnect solutions that
are built to resist the toughest environments - time and time again.



Why ITT

ITT is a focused multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions. ITT's Cannon brand is a leading global manufacturer of connector products serving international customers in aerospace, defense, medical, industrial and transportation end markets. ITT's Connector business, which also includes the Veam and BIW Connector Systems brand, manufactures and supplies a variety of connectors and interconnects that make it possible to transfer data, signal and power in an increasingly connected world.

Connect with your ITT Cannon representative today or visit us at ittcannon.com

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