



15 KV TO 69 KV

UNIVERSAL TRUNNION

CONSTRUCTED TO ANSI C29.18 AND CSA C411.6 STANDARDS

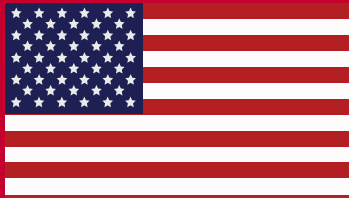
POWERING PRODUCTIVITY. SIMPLIFYING SOLUTIONS.

A NEW ANGLE ON ADAPTABILITY

When you're on site, time is of the essence, especially when facing extreme elements. That's where MacLean Power Systems, a leader in manufacturing cutting-edge solutions, steps in. We continuously strive to provide innovative products that enhance efficiency and keep you ahead of the game. Get ready to elevate your productivity with our revolutionary Universal Trunnion. This game-changing innovation, proudly manufactured by MacLean Power Systems, puts productivity on a pedestal by eliminating the need for separate hardware, allowing you to tackle tasks swiftly and seamlessly. It's a true testament to our commitment to meeting the demands of the evolving power grid, connecting people for good. Experience the excitement of streamlined operations and unleash your full potential with MacLean Power Systems and the Universal Trunnion.

EVOLVING PERFORMANCE.

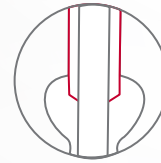
Rigorous Testing. Proven performance. Our distribution line post insulators have been designed and engineered to comply with ANSI C29.18 and CSA C411.6 standards.



Assembled & delivered with personalized care from our USA based MacLean Power Systems Team.

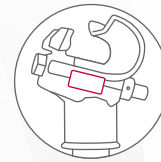
LESS PARTS. MORE EFFICIENCY

Experience the versatility of the Universal Trunnion: Leave behind the complexities of individual trunnion clamps and tie wraps. With this high-quality, all-in-one product, you can effortlessly adapt it to any application, streamlining your workflow on-site.



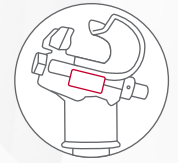
WATER TIGHT

Our Gen 2 seal uses Crimp Under Pressure technology to create a water tight seals and significantly extends service life.



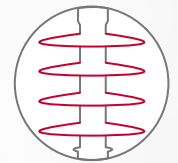
SIMPLE

All-inclusive design eliminates the need to purchase a trunnion clamp separately, as all clamp parts are captive.



ADJUSTABLE

Conductor ranges spanning 0.2" to 1.34" (5.1 mm - 34mm) with a single bolt adjustment that is hotstick workable.



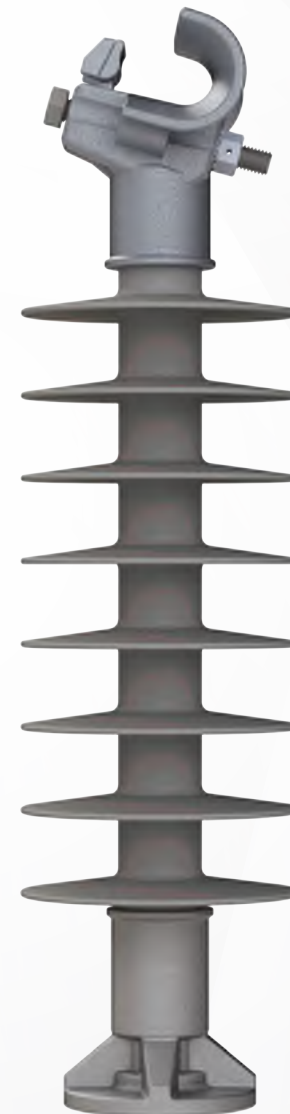
EXTENDED LIFE

Specially formulated silicon housing material maximizes hydrophobicity and minimizes maintenance needs.



VERSATILE

The user-friendly 15kV to 69kV installation can be positioned in a variety of orientations.



PERFORMANCE UNDER PRESSURE

Our exclusive Gen 2 PST seal system distinguishes us from other designs in the market by incorporating a meticulous three-stage sealing process. This process consists of a Primary stage featuring circumferential sealing, a Secondary stage employing axial sealing, and a Tertiary stage utilizing either galvanized or aluminum materials. The integration of these three barriers provides unrivaled moisture protection and sets our product apart in terms of performance and reliability.

HIGH-QUALITY COMPOSITION

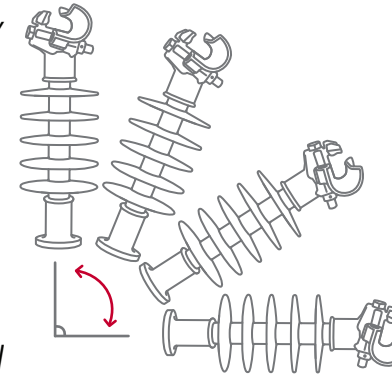
By preventing any moisture ingress, our innovative Gen 2 seal helps to protect what matters most, the core of our product which is essential for mechanical and electrical performance.

DECADES OF DURABILITY

Our redundant mechanical sealing process creates a mechanical seal with the base of an extra line of defense against moisture, which means you can count on the premium performance of our products for the long haul.

FINE-TUNED FLEXIBILITY

Effortless and versatile. When it comes to the Universal Trunnion, it truly embodies these qualities. A single component, endless applications. Its infinite range of motion allows for installation at various angles, and its inclusive clamp design simplifies the most critical moments of installation.



	Line Voltage (kV)	Rubber Length in/[mm]	Section Length in/[mm]	Dry Arc in/[mm]	Leakage in/[mm]	STL lbs/[kN]	SCL lbs/[kN]	MDC L lbs/[kN]
Stud Base	15	4.0 [101]	12.6 [321]	6.2 [158]	12.2 [310]	5000 [22.2]	2800 [12.5]	1350 [6.0]
	25	5.9 [151]	14.6 [371]	8.2 [209]	18.3 [465]			
	35	7.9 [201]	16.6 [421]	10.2 [259]	24.4 [620]			
	46	9.9 [252]	18.5 [471]	12.7 [323]	31.4 [798]			
	46	9.8 [249]	18.8 [478]	12.6 [321]	32.2 [817]			
	46	11.8 [300]	20.9 [531]	14.7 [373]	38.5 [978]			
	46	13.8 [351]	22.9 [582]	16.7 [423]	45.0 [1142]			
	69	15.9 [404]	25.0 [634]	18.4 [467]	51.5 [1308]			
	69	18.0 [456]	27.0 [687]	20.8 [529]	58.2 [1478]			
Gain Base	15	4.0 [102]	14.2 [361]	6.3 [159]	12.2 [310]	5000 [22.2]	2800 [12.5]	1350 [6.0]
	25	6.0 [152]	16.1 [409]	8.3 [211]	18.3 [465]			
	35	7.9 [201]	17.1 [433]	10.3 [262]	24.4 [620]			
	46	9.9 [252]	19.3 [489]	12.4 [315]	31.4 [798]			
	46	9.8 [249]	19.8 [465]	12.6 [321]	32.2 [817]			
	46	11.8 [300]	21.6 [513]	14.7 [373]	38.5 [978]			
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GUARDIANS OF THE GRID

Experience the legacy of innovation at MPS. With our relentless commitment to pushing boundaries, we are excited to introduce our latest revolutionary addition to our product lineup. This extraordinary innovation propels us as a dominant global manufacturer and supplier of top-tier infrastructure products. From electric utilities to civil construction and communication sectors, we are reshaping industries for the next century and beyond. Join us on this exhilarating journey as we shape the future of essential infrastructure solutions.





**FOR MORE INFORMATION
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