



**POWERING  
PRODUCTIVITY.  
SIMPLIFYING  
SOLUTIONS.**

**15 KV TO 46 KV UNIVERSAL TRUNNION**  
COMPLIES WITH ANSI C29.18 AND CSA C411.6 STANDARDS

## A NEW ANGLE ON ADAPTABILITY

When you're on site, efficiency is of the essence—especially when the elements are extreme. That's why MacLean Power Systems continues to come through with ways to streamline the things you need to get the job done. The Universal Trunnion does just that. It puts productivity on a pedestal by eliminating the need for separate hardware, so you can quickly take care of the task at hand and get on to the next one. It's yet another product offering from MPS that demonstrates how we are meeting our mission of manufacturing and supplying products for the world's evolving power grid...and **connecting people for good.**

## EVOLVING PERFORMANCE.

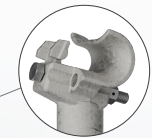
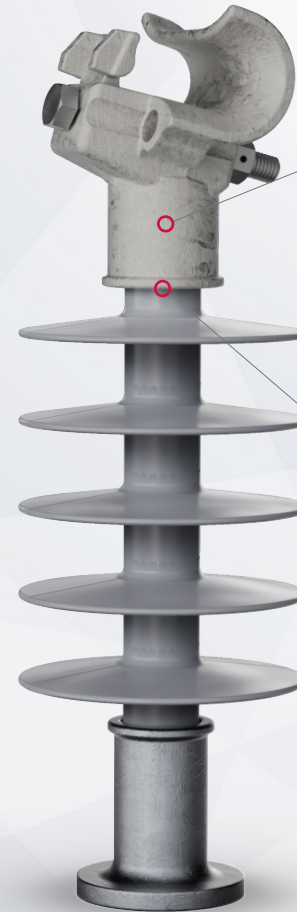
Rigorous testing. Proven performance. Our distribution line post insulators have been designed and engineered to comply with ANSI C29.18 and CSA C411.6 Standards.



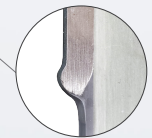
Assembled & Delivered with personalized care from our USA & Canada based MacLean Power Systems Team.

## LESS PARTS. MORE EFFICIENCY.

On site with less in mind: That's the benefit of the Universal Trunnion. This high-quality, one-piece-fits-all product easily adapts to any application, so you can do away with all the individual trunnion clamps and tie wraps of the past.



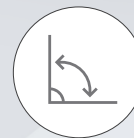
**ADJUSTABLE**  
Conductor ranges spanning 0.2" to 1.3" (5.1mm to 34.0mm) single bolt adjustment that is hotstick workable. The wide lip of the clamp top accommodates large angles of conductor line turns.



**WATER TIGHT**  
Our PST seal uses Crimp Under Pressure technology to attach the end fitting onto the line post while creating a water tight seal and significantly extends service life.



**EXTENDED LIFE**  
Specially formulated silicon housing material maximizes hydrophobicity and eliminates maintenance needs such as pressure washing while helping to extend insulator service life.



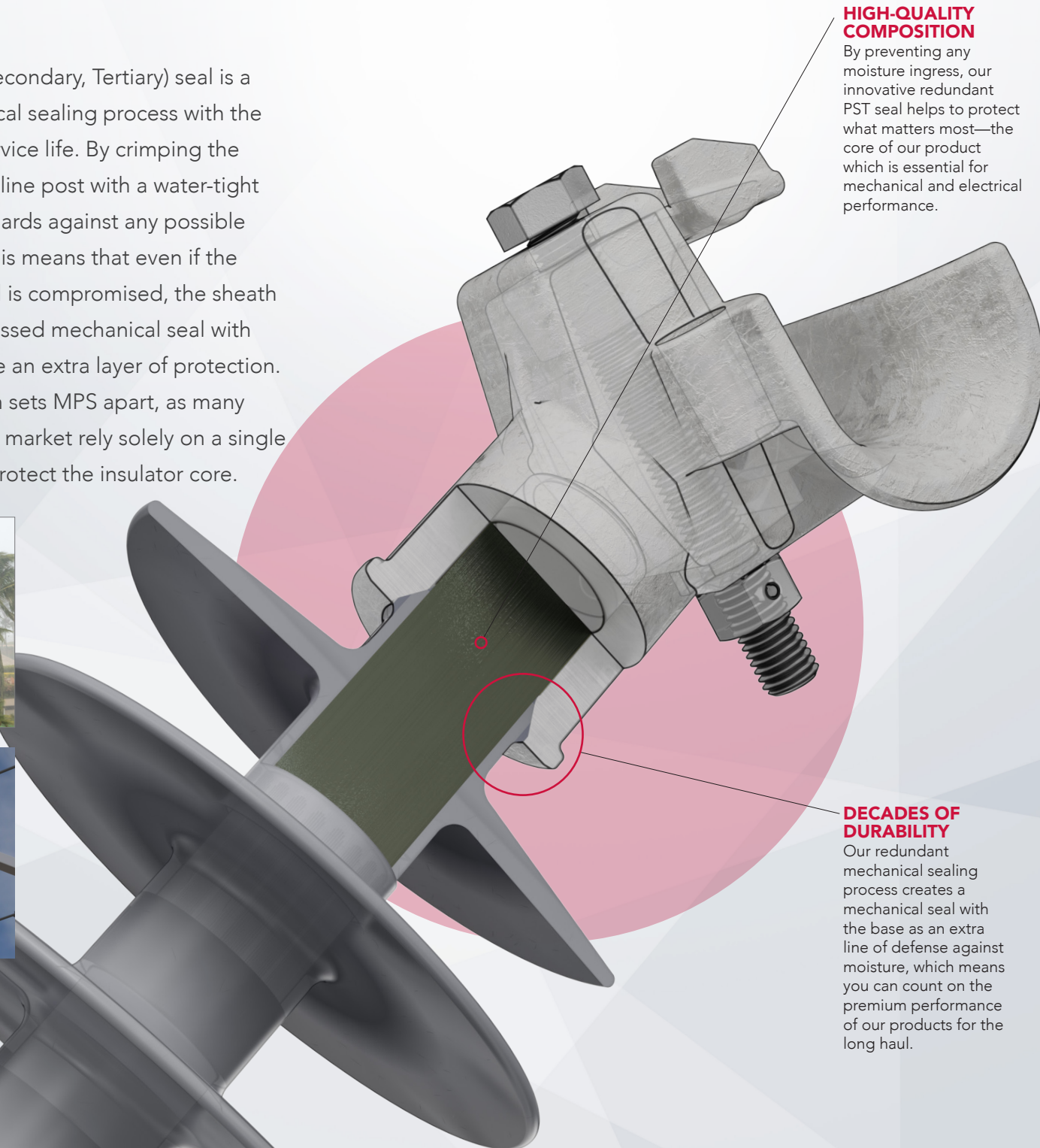
**VERSATILE**  
The user-friendly 15 kV to 46 kV installation can be positioned in a variety of orientations.



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

## PERFORMANCE UNDER PRESSURE

Our PST (Primary, Secondary, Tertiary) seal is a redundant mechanical sealing process with the benefit of a long service life. By crimping the end fitting onto the line post with a water-tight seal, this process guards against any possible moisture ingress. This means that even if the external tertiary seal is compromised, the sheath generates a compressed mechanical seal with the fitting to provide an extra layer of protection. Our PST seal system sets MPS apart, as many other designs in the market rely solely on a single external barrier to protect the insulator core.

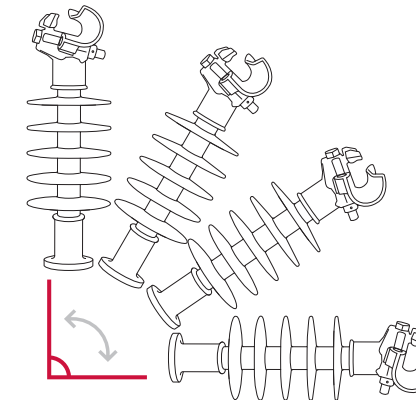


**HIGH-QUALITY COMPOSITION**  
By preventing any moisture ingress, our innovative redundant PST seal helps to protect what matters most—the core of our product which is essential for mechanical and electrical performance.

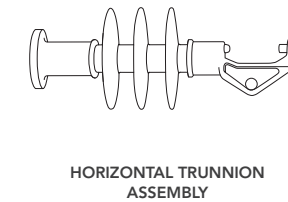
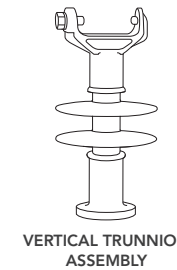
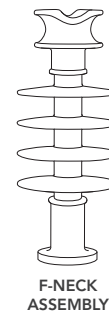
**DECADES OF DURABILITY**  
Our redundant mechanical sealing process creates a mechanical seal with the base as an extra line of defense against moisture, which means you can count on the premium performance of our products for the long haul.

## FINE-TUNED FLEXIBILITY

One and done. When it comes to the Universal Trunnion, it really is as simple as that. One part. Endless applications. Its infinite range of motion allows it to be installed at a variety of angles, and its inclusive clamp design helps to simplify installation when it matters most.



**DISTRIBUTION LINE POST INSULATORS ALSO AVAILABLE IN THESE ASSEMBLIES:**



### TECHNICAL DATA

LINE VOLTAGE (KV)	ANSI CLASS			RUBBER LENGTH IN/(MM)	SECTION LENGTH IN/(MM)	DRY ARC IN/(MM)	LEAKAGE IN/(MM)	STL lbs/(kN)	SCL lbs/(kN)	MDCL lbs/(kN)
	HORIZONTAL	VERTICAL	F-NECK							
15	51-21	51-11	51-1F	4.0 [101]	12.6 [321]	6.2 [158]	12.2 (310)	5000 (22.2)	2800 (12.5)	1350 (6.0)
	Universal Trunnion									
25	51-22	51-12	51-2F	5.9 [151]	14.6 [371]	8.2 [209]	18.3 (465)	5000 (22.2)	2800 (12.5)	1350 (6.0)
	Universal Trunnion									
35	51-23	51-13	51-3F	7.9 [201]	16.6 [421]	10.2 [259]	24.4 (620)	5000 (22.2)	2800 (12.5)	1350 (6.0)
	Universal Trunnion									
46	51-24	51-14	51-4F	9.9 [252]	18.5 [471]	12.7 [323]	31.4 [798]	5000 (22.2)	2800 (12.5)	1350 (6.0)
	Universal Trunnion									

## GUARDIANS OF THE GRID.

At family-owned MacLean Power Systems, we've been following in the pioneering footsteps of our founder, John MacLean Sr., honoring an ongoing commitment to innovation he put into motion nearly a century ago. Now, with the addition of another great innovation to our product lineup, we are helping to ensure we remain a leading global manufacturer and supplier of high-quality, essential infrastructure products for the electric utility, civil / construction and communication markets for the next century...and beyond.





**FOR MORE INFORMATION  
CALL 855-MPS-SHIP OR CONTACT:**



*TO LEARN MORE, SCAN CODE OR VISIT*  
**MACLEANPOWER.COM**

To find your local distributor go to  
<https://www.maclepower.com/distributor-locations>