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**ULTRASWING™**



**ULTRASWING™ LIGHT POLE SOLUTIONS  
FOR INDUSTRY & MINING**  
[www.ultraswing.com.au](http://www.ultraswing.com.au)

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*Toolless*  
**LOWERING POLE**  
*Technology*



**PROMPT SERVICES**

We guarantee professional technical support and assistance. With facilities in Australia & Asia we provide both local and global support to our customer base.

**INVENTORY**

Ultraswing™ provide a large range of inventory support across Australia and Asia to assist with project execution and site

**CONFIGURATION**

Ultraswing™ products are designed to allow ease of assembly, configuration and the ability to mount a full range of electrical and field products efficiently with toolless lowering technology.

**SAVINGS**

Ultraswing™ tool less products provide superior operation time, safety and risk. Lower your costs and reduce on-site lifting + access equipment.

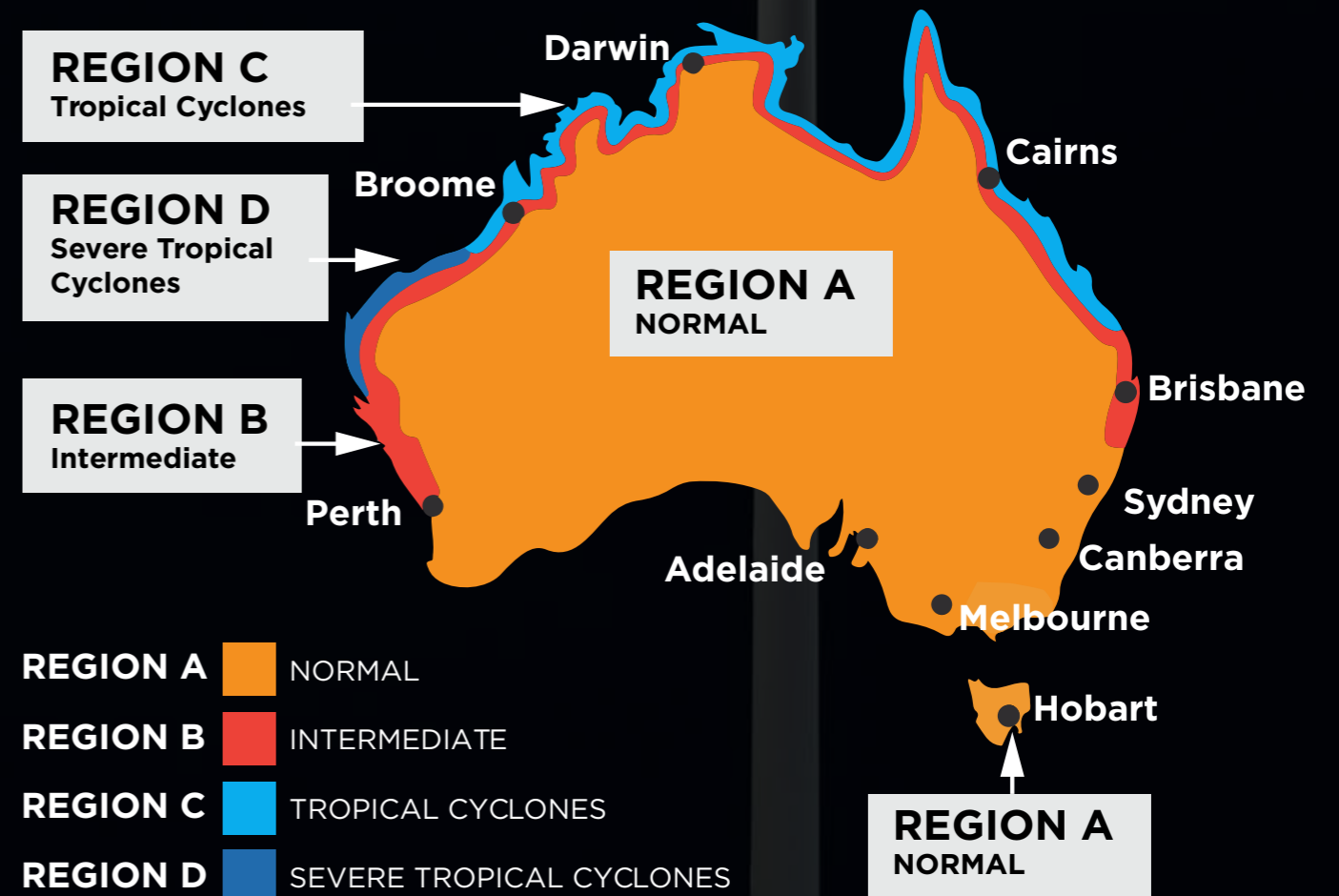
**WARRANTY**

All Ultraswing™ products come complete with 1 year warranty.

**WIND MAP**

Wind Regions are derived from Australian Standards AS/NZS 1170.2.2011 (R2016)

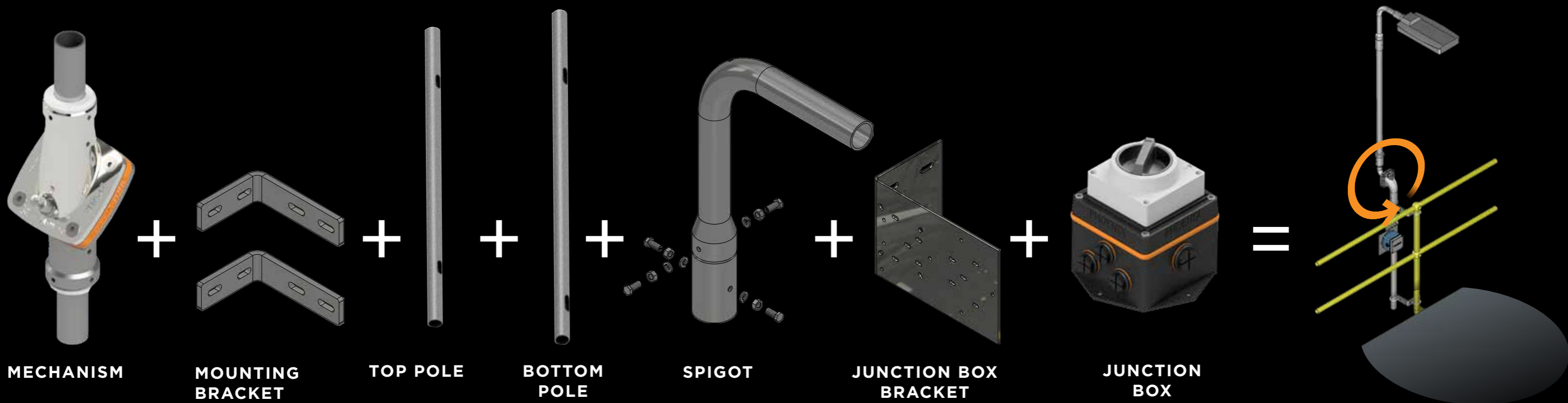
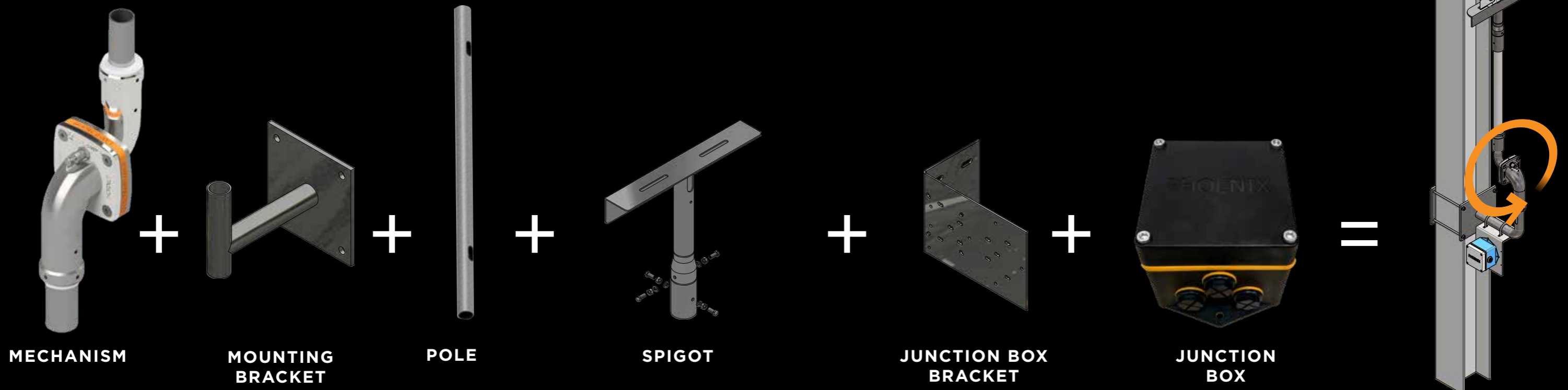
The region refers to the location. The terrain category refers to the description of the terrain at the location.



Regions are marked with letters A (A1 to A5), B, C and D. Coastal Region boundaries are smooth lines set in from a smoothed coastline by 50, 100 and 200km. Islands with 50km from the coast are the same region as the adjacent coast.

# MODULAR POLE BUILD CHART

Ultraswing™ provides a vast range of modular components, when combined they create the perfect pole assembly. They are designed to suit customer applications and field requirements. Contact our skilled engineering team for further advice.



# 1

## ULTRASWING POLE KITS

Discover the convenience and reliability of Ultraswing™ as we present our pre-designed standard pole selections. Crafted to meet diverse application needs and field requirements, our modular components offer seamless integration and exceptional performance.

Explore our range of pre-designed configurations tailored to streamline your projects and elevate efficiency.

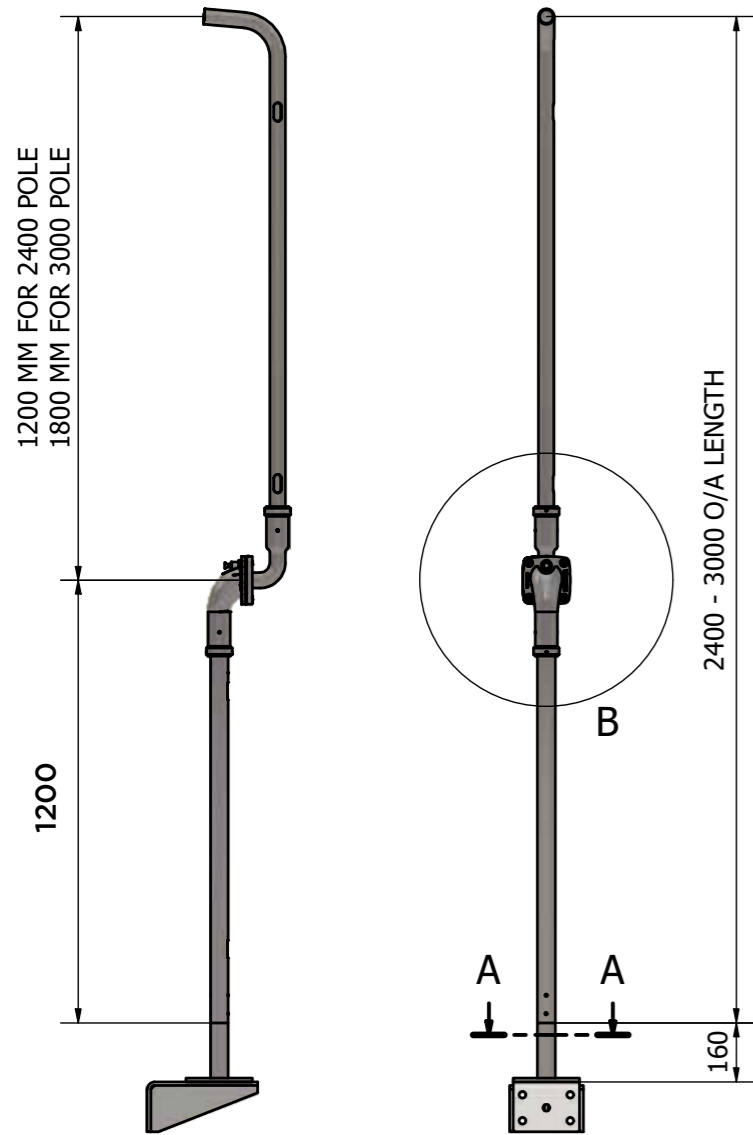


# ULTRASWING STANDARD KITS

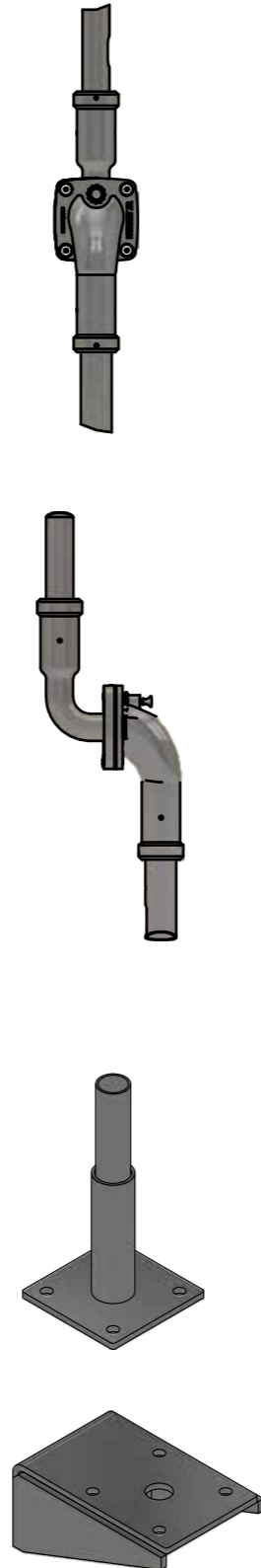


USHJ1-2400F-BM  
USHJ1-3000F-BM

HORNET JNR 90° POLE 40NB/32NB FIXED SPIGOT BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ1-2400F-BM	USHJ1-3000F-BM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US3212F	US3218F
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB04 + USB01	MB04 + USB01

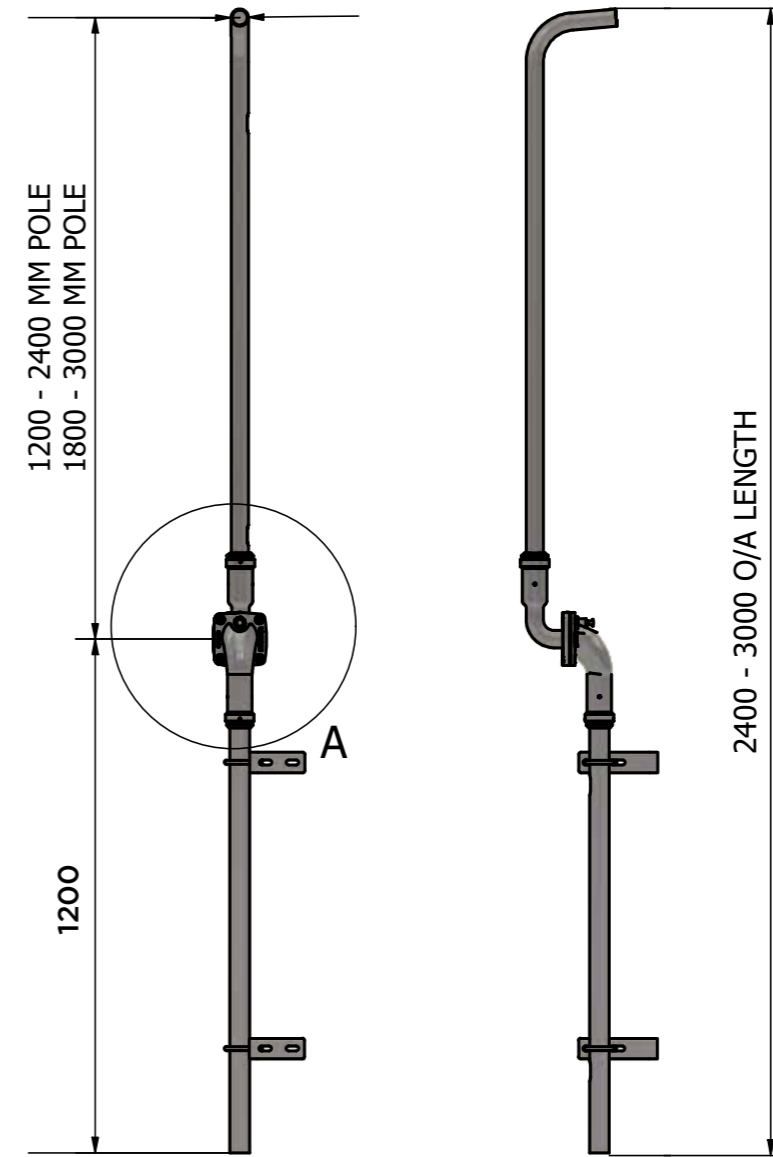


# ULTRASWING STANDARD KITS

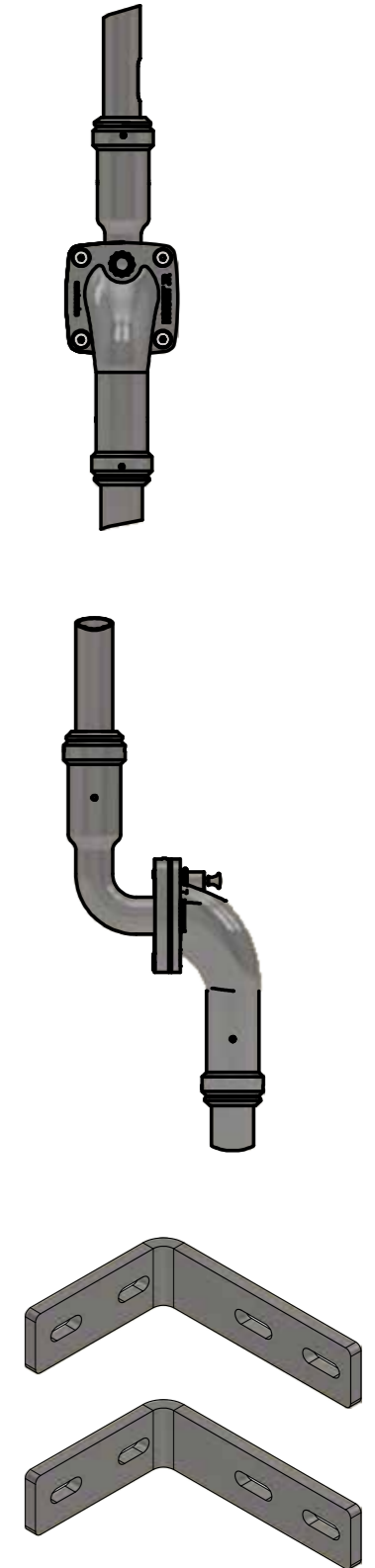


USHJ1-2400F-HRM  
USHJ1-3000F-HRM

HORNET JNR 90° POLE 40NB/32NB FIXED SPIGOT HANDRAIL MOUNT



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ1-2400F-HRM	USHJ1-3000F-HRM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US3212F	US3218F
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4





# ULTRASWING STANDARD KITS



USHJ1-2400F-SM  
USHJ1-3000F-SM

HORNET JNR 90° POLE 40NB/32NB FIXED SPIGOT STRUCTURE MOUNT POLE

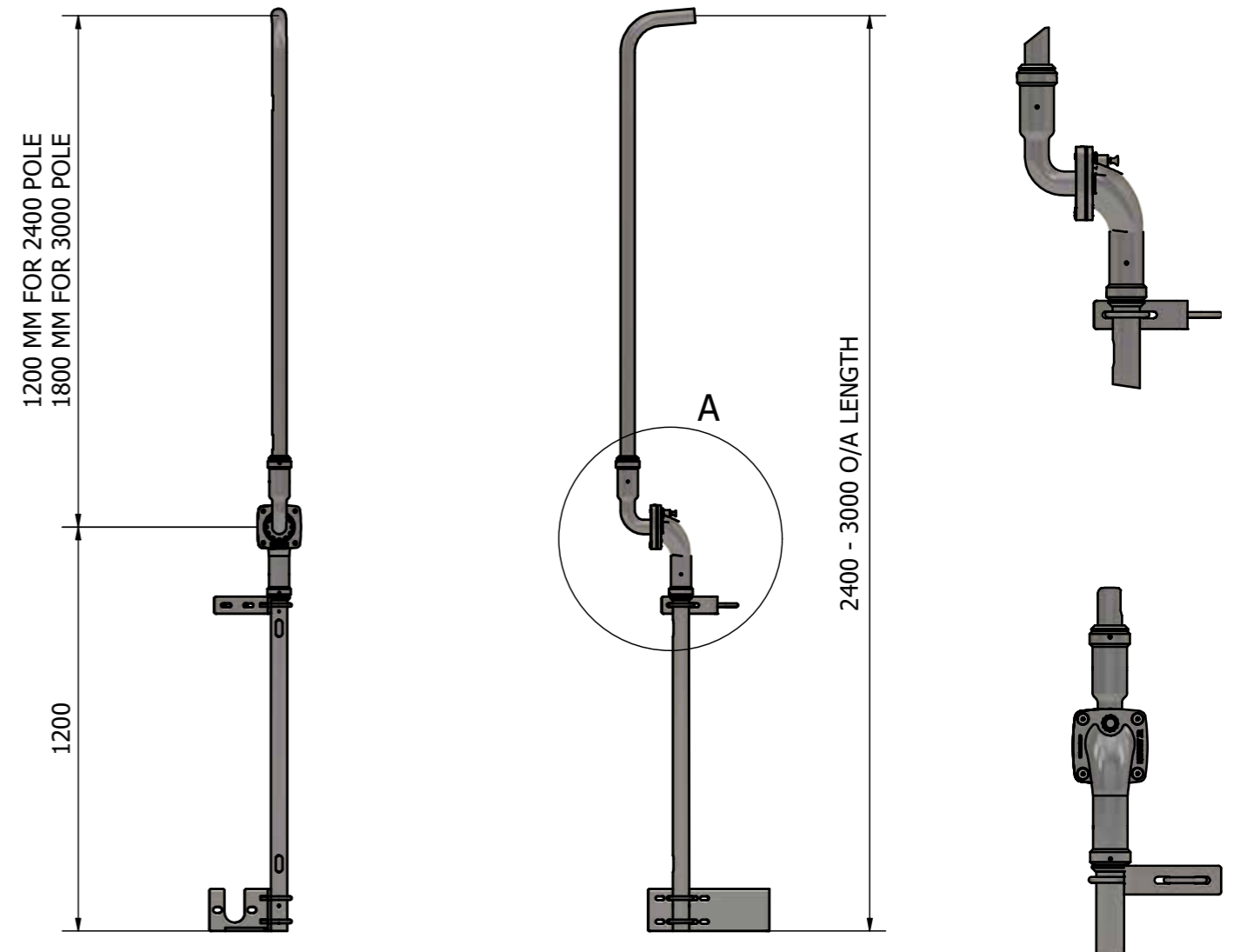


VIEW OUR FULL RANGE OF  
**HAZARDOUS AREA  
ENCLOSURES**

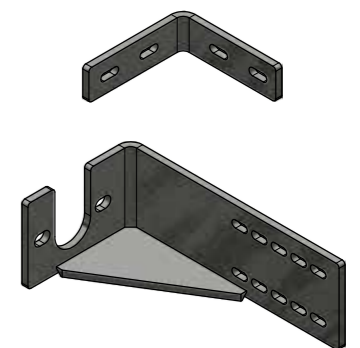
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PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ1-2400F-SM	USHJ1-3000F-SM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US3212F	US3218F
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

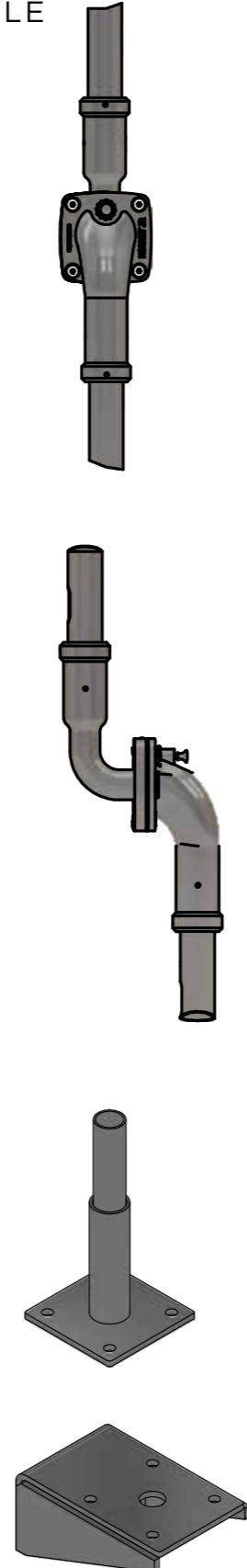
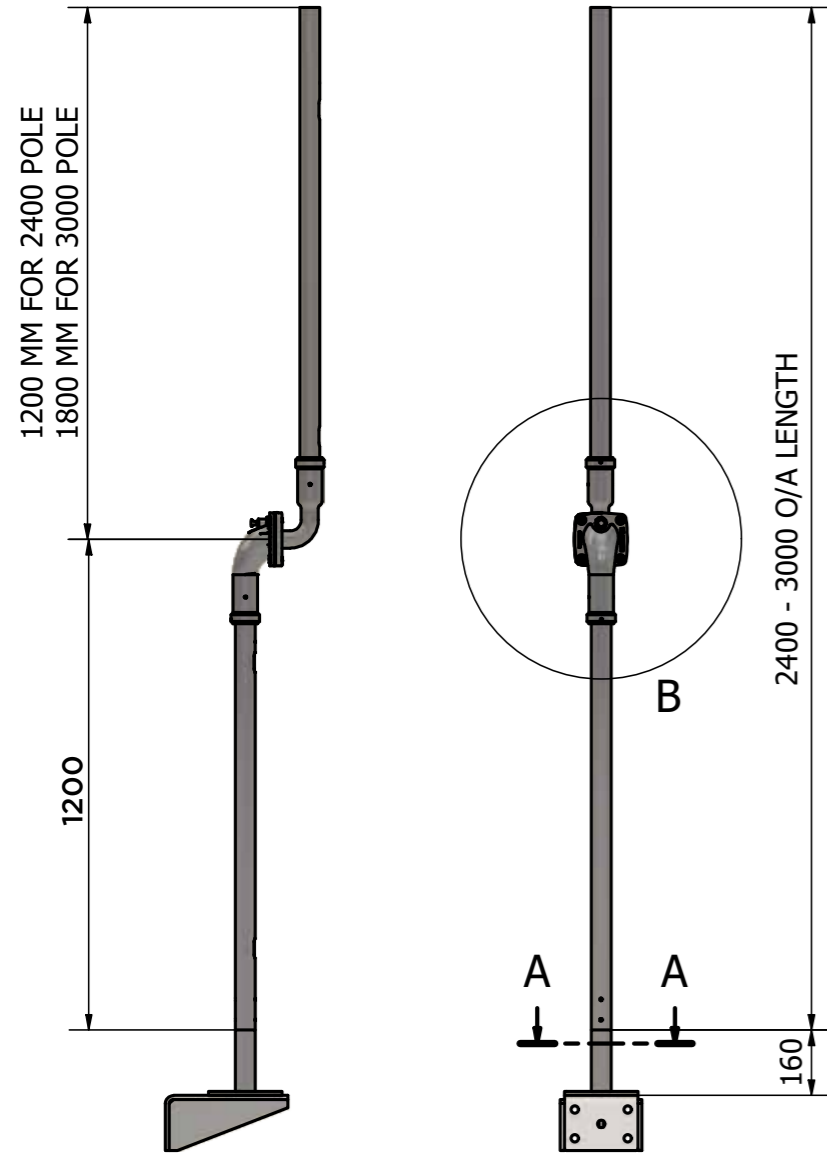


# ULTRASWING STANDARD KITS



**USHJ2-2400-BM**  
**USHJ2-3000-BM**

HORNET JNR 90° POLE 40NB/40NB BASE MOUNT POLE



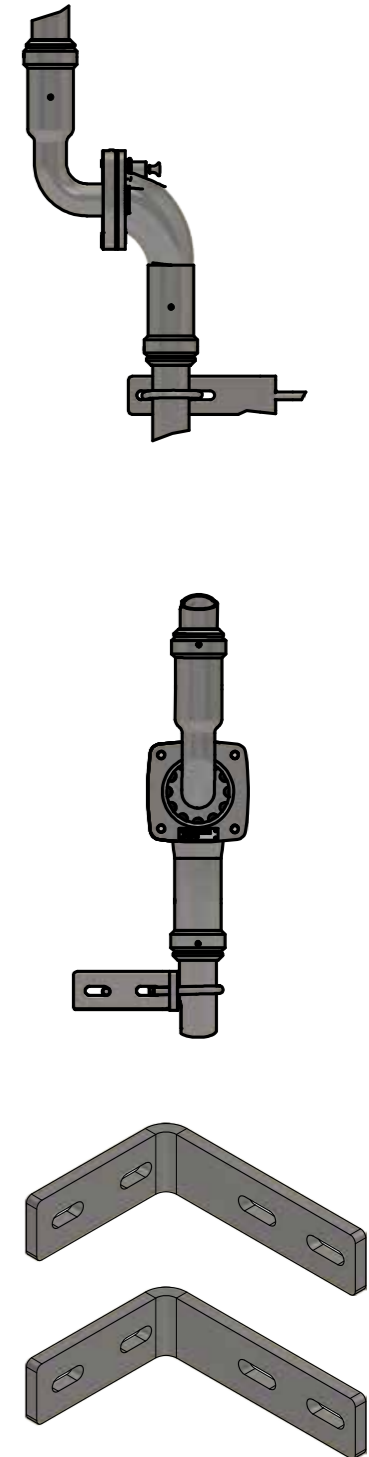
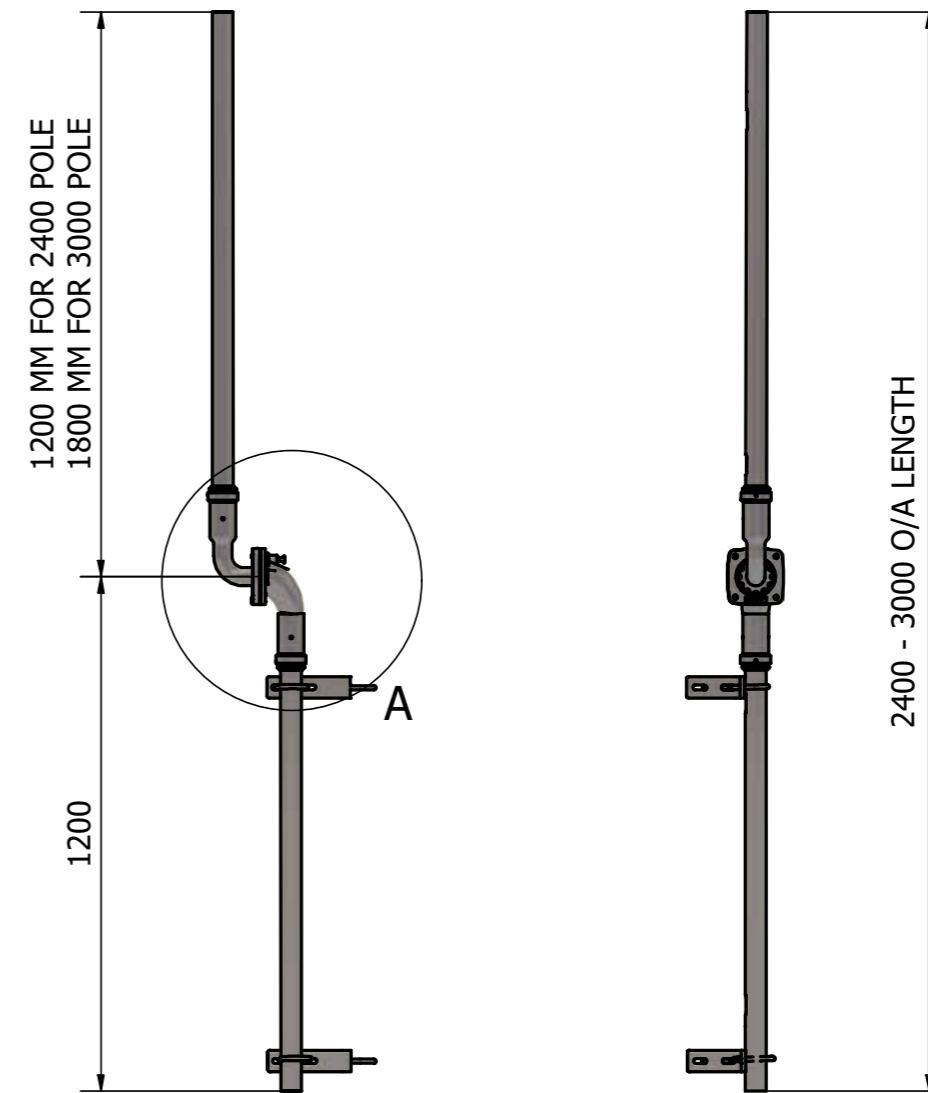
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ2-2400-BM	USHJ2-3000-BM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB04 + USB01	MB04 + USB01

# ULTRASWING STANDARD KITS



**USHJ2-2400-HRM**  
**USHJ2-3000-HRM**

HORNET JNR 90° POLE 40NB/40NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ2-2400-HRM	USHJ2-3000-HRM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

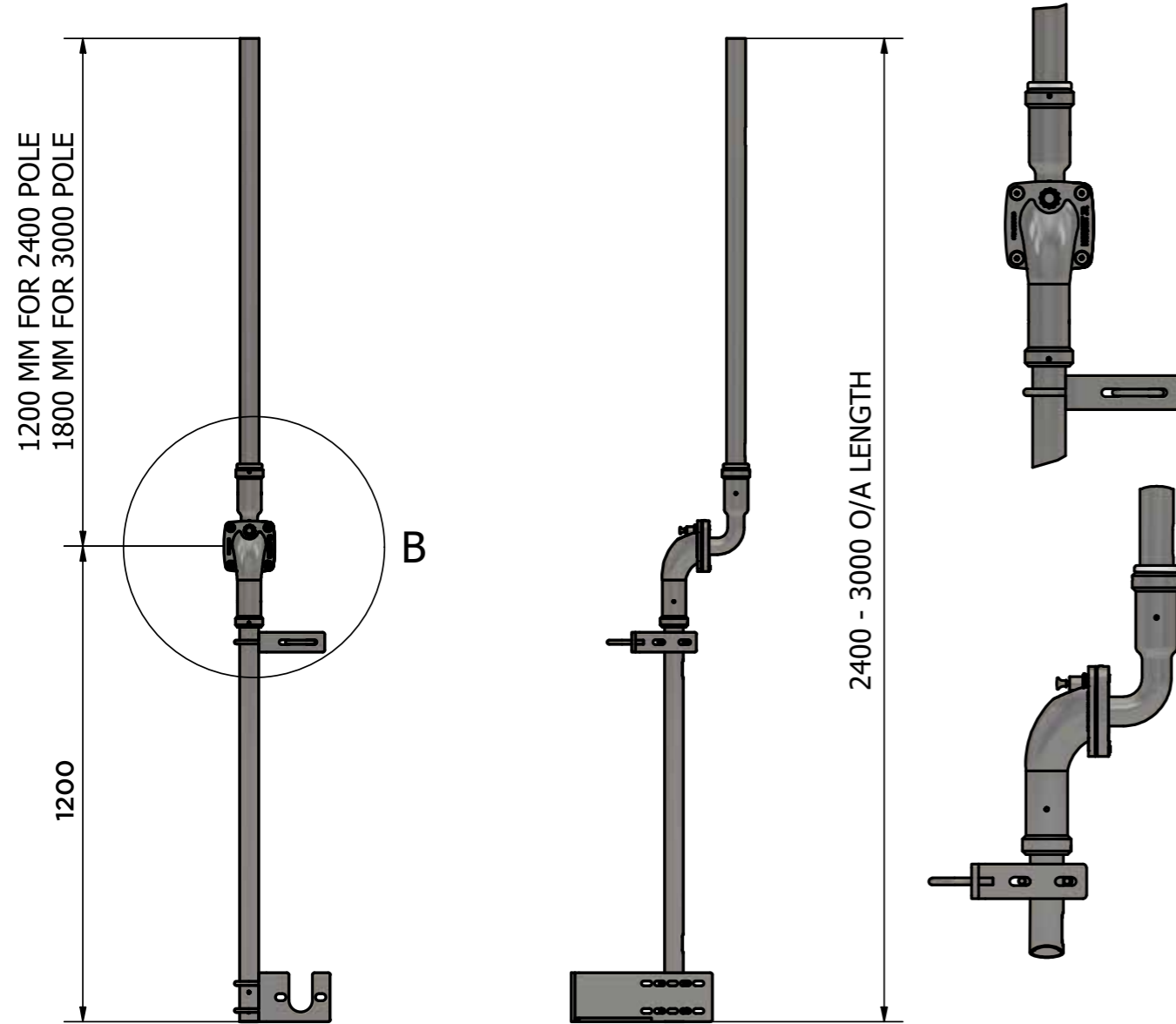


# ULTRASWING STANDARD KITS

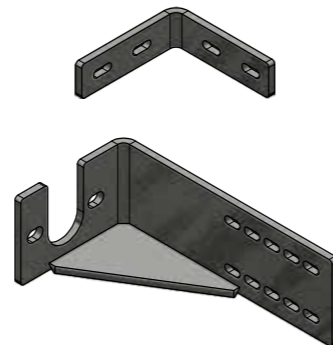


**USHJ2-2400-SM**  
**USHJ2-3000-SM**

HORNET JNR 90° POLE 40NB/40NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ2-2400-SM	USHJ2-3000-SM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

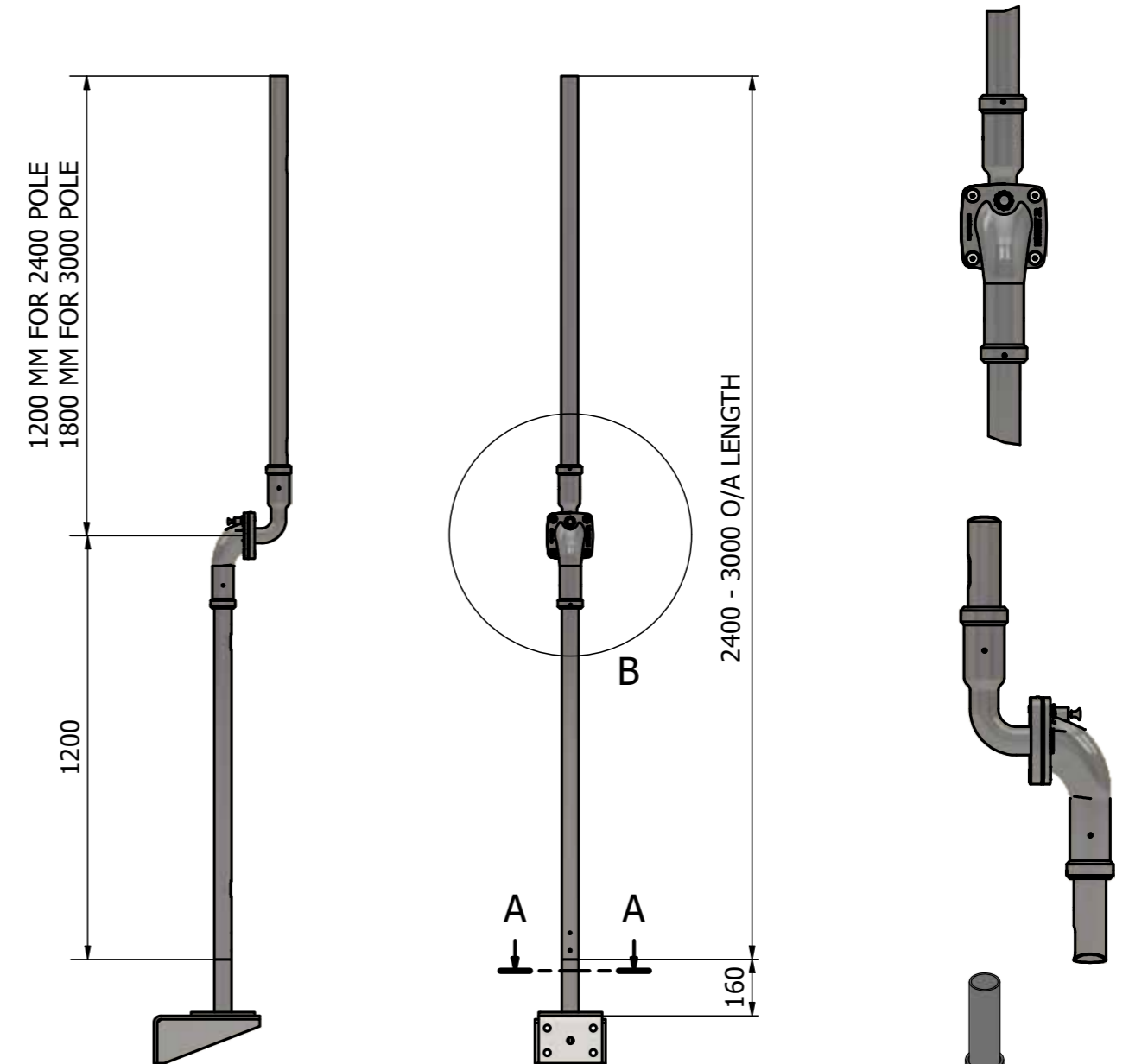


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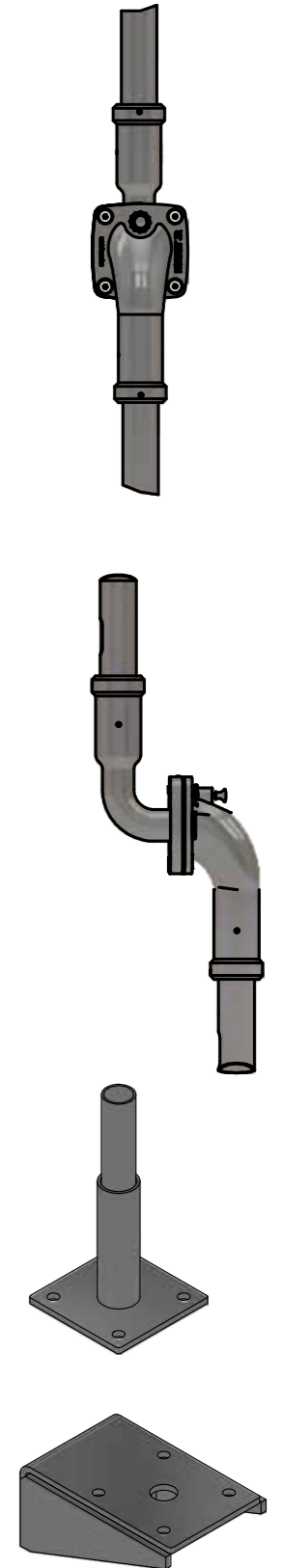


**USHJ3-2400-BM**  
**USHJ3-3000-BM**

HORNET JNR 90° POLE 40NB/50NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ3-2400-BM	USHJ3-3000-BM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB04 + USB02	MB04 + USB02

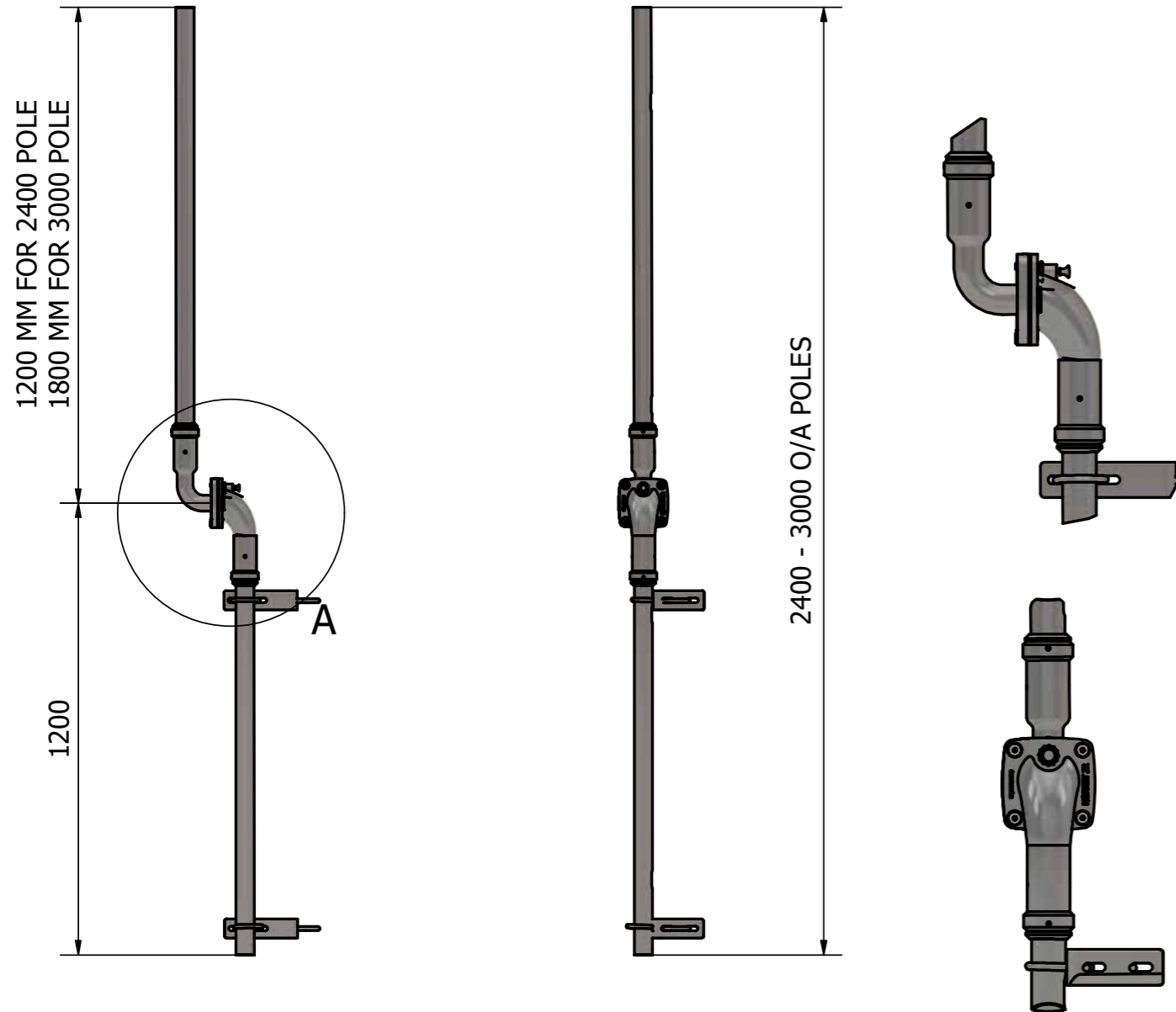


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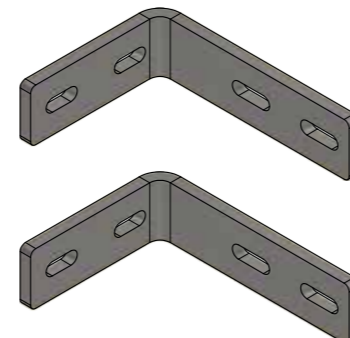


**USHJ3-2400-HRM**  
**USHJ3-3000-HRM**

HORNET JNR 90° POLE 40NB/50NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ3-2400-HRM	USHJ3-3000-HRM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	50NB U BOLTS X 2	50NB U BOLTS X 2
	40NB U BOLTS X 2	40NB U BOLTS X 2



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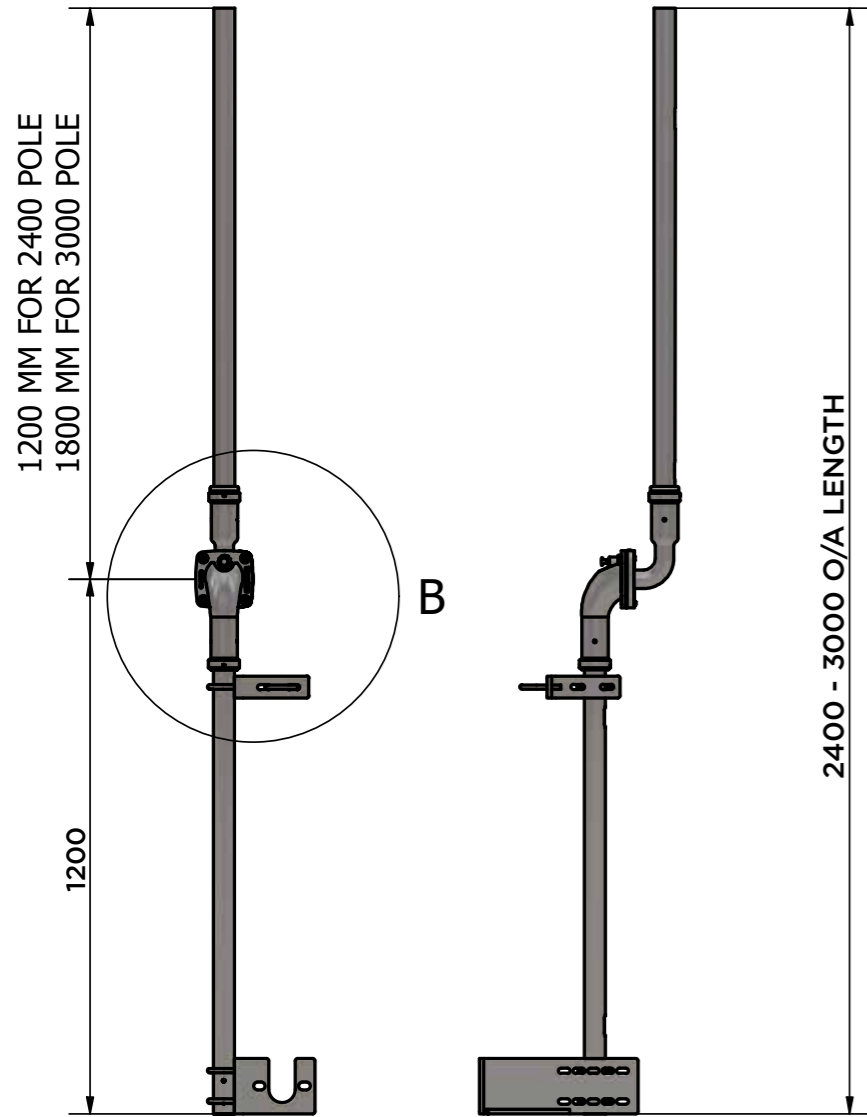


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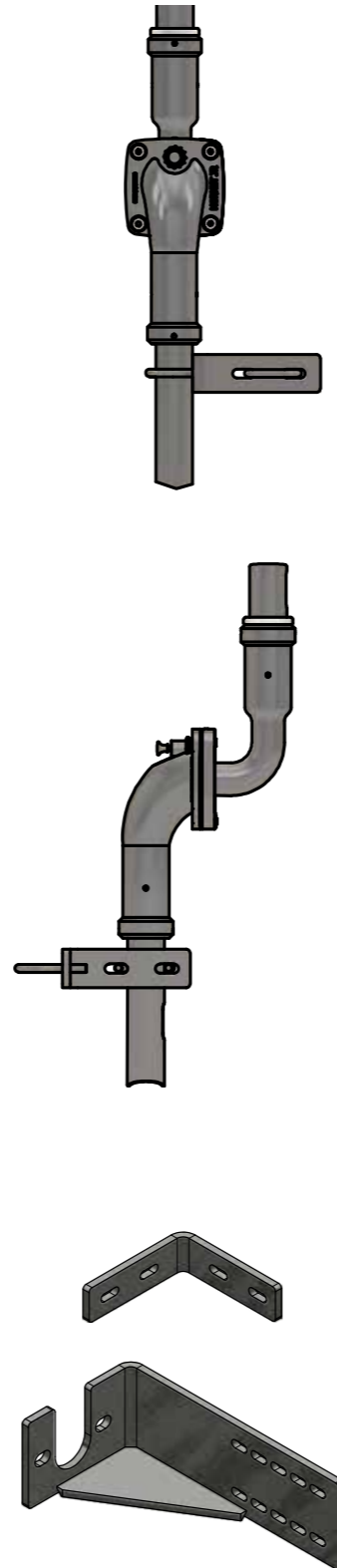


**USHJ3-2400-SM**  
**USHJ3-3000-SM**

HORNET JNR 90° POLE 40NB/50NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USHJ3-2400-SM	USHJ3-3000-SM
MECHANISM	USHJ-MS	USHJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	50NB U-BOLTS X 3	50NB U-BOLT X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

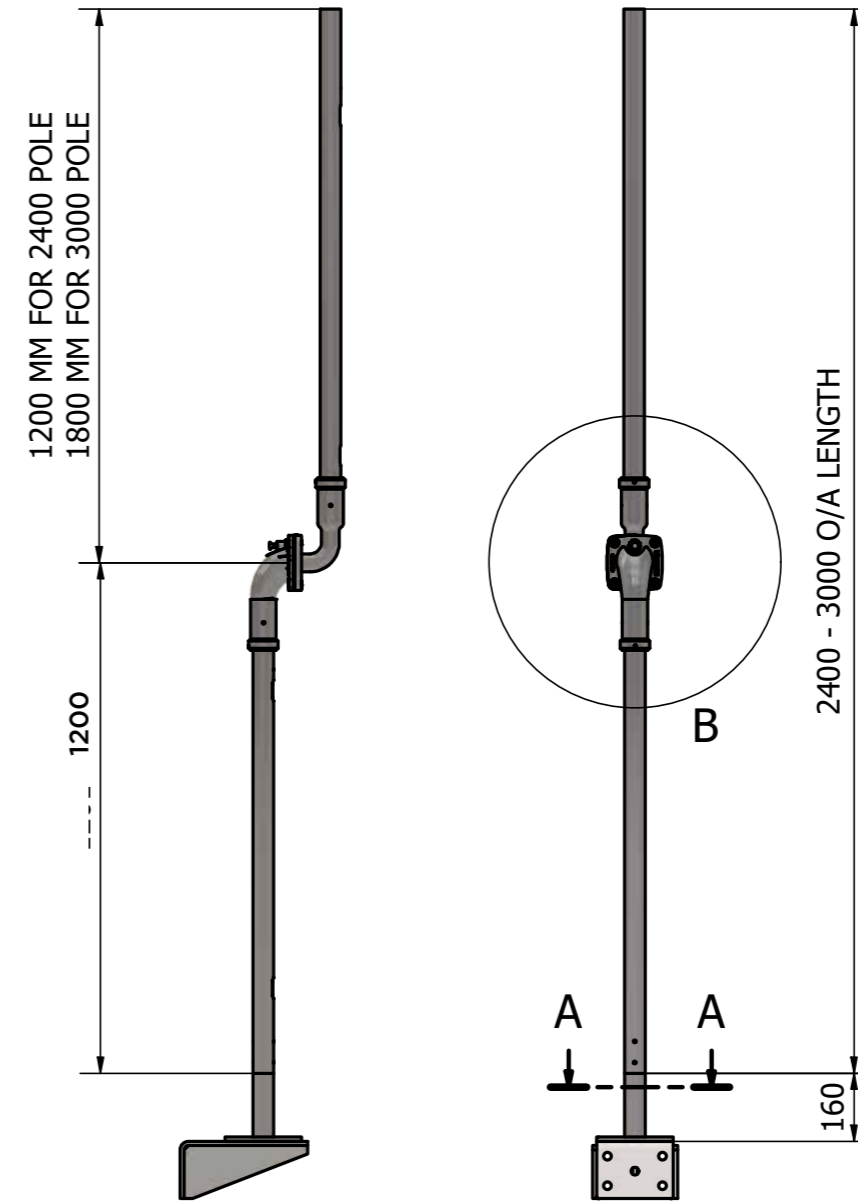


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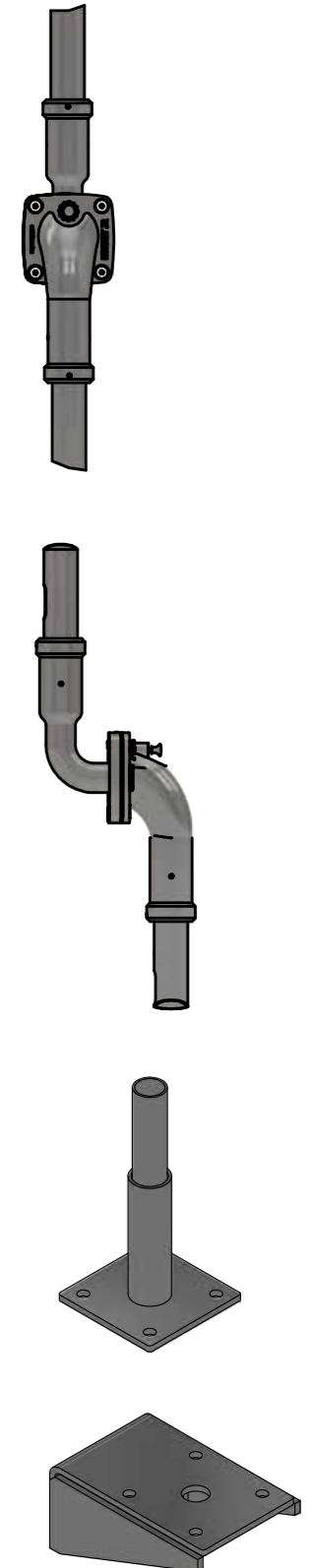


**USH4-2400-BM**  
**USH4-3000-BM**

HORNET 90° POLE 40NB/50NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH4-2400-BM	USH4-3000-BM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB04 + USB02	MB04 + USB02

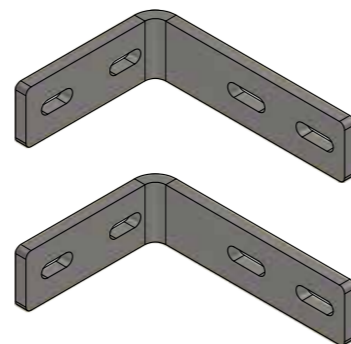
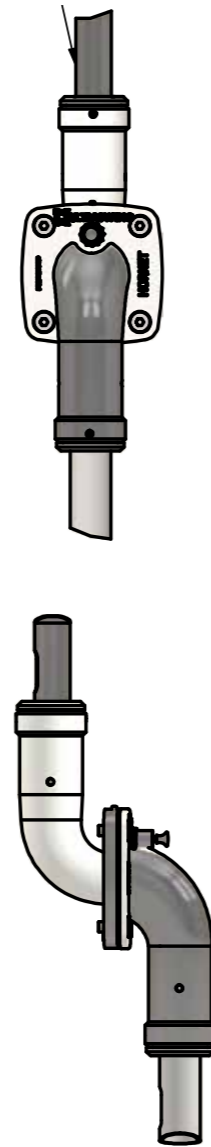
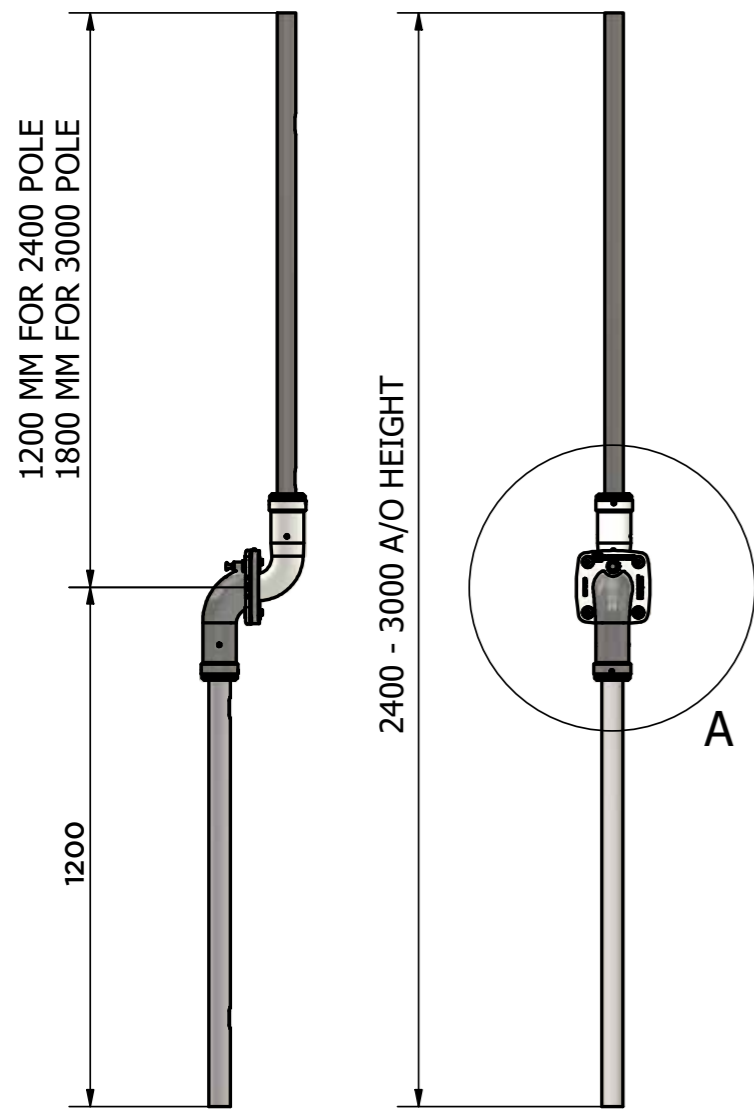


# ULTRASWING STANDARD KITS



USH4-2400-HRM  
USH4-3000-HRM

HORNET 90° POLE 40NB/50NB HANDRAIL MOUNT POLE



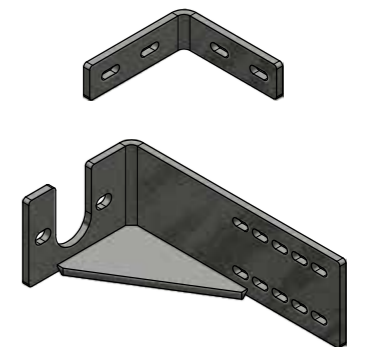
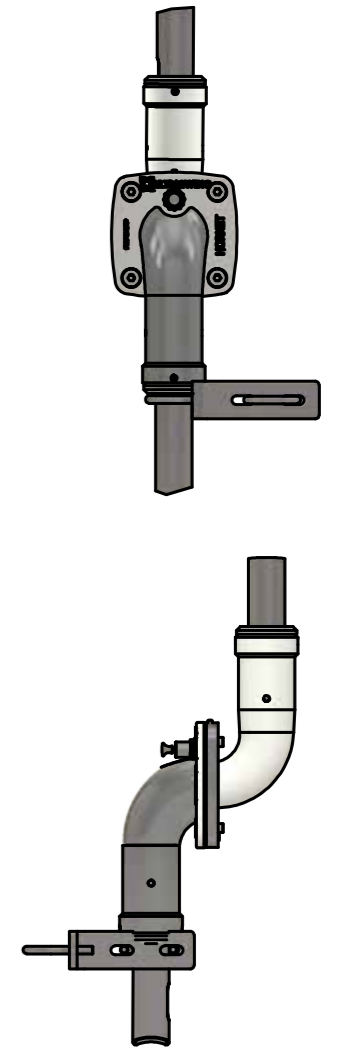
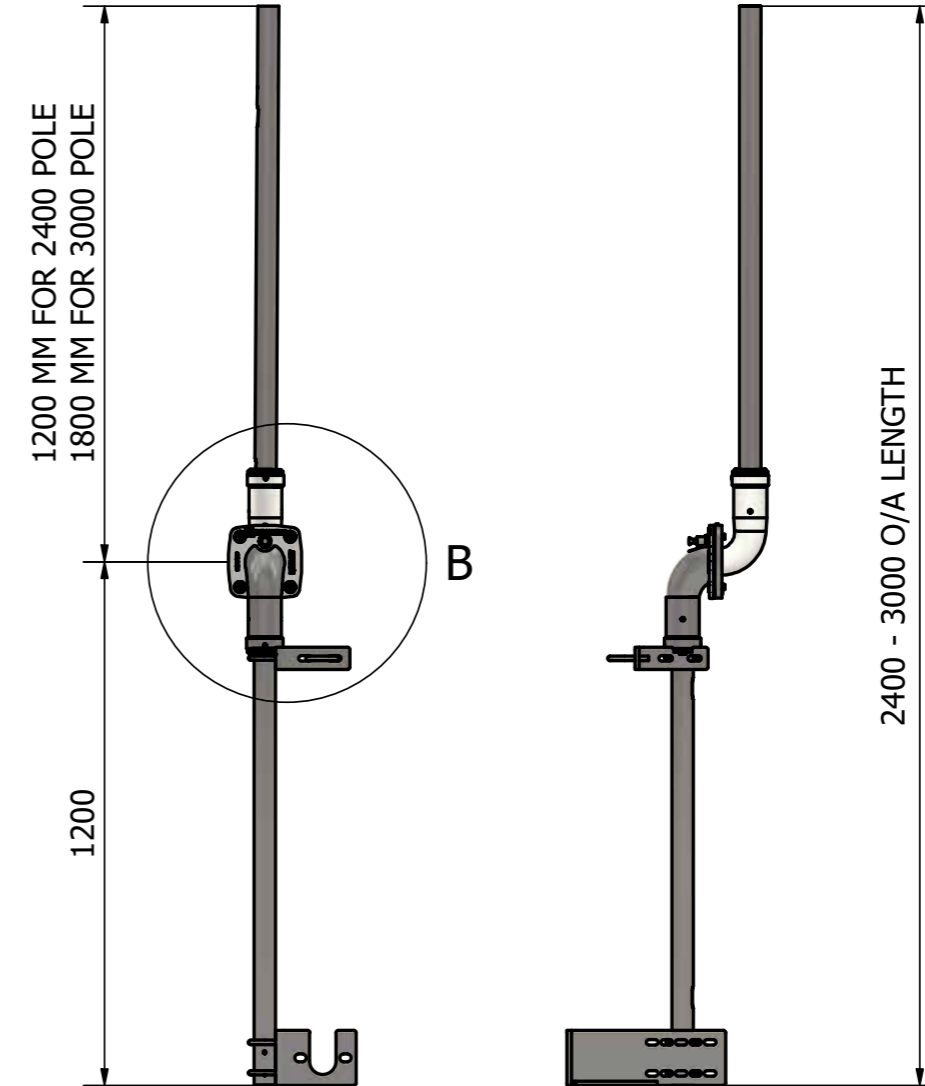
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH4-2400-HRM	USH4-3000-HRM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB X 2	50NB X 2 U BOLTS

# ULTRASWING STANDARD KITS



USH4-2400-SM  
USH4-3000-SM

HORNET 90° POLE 40NB/50NB STRUCTURE MOUNT POLE



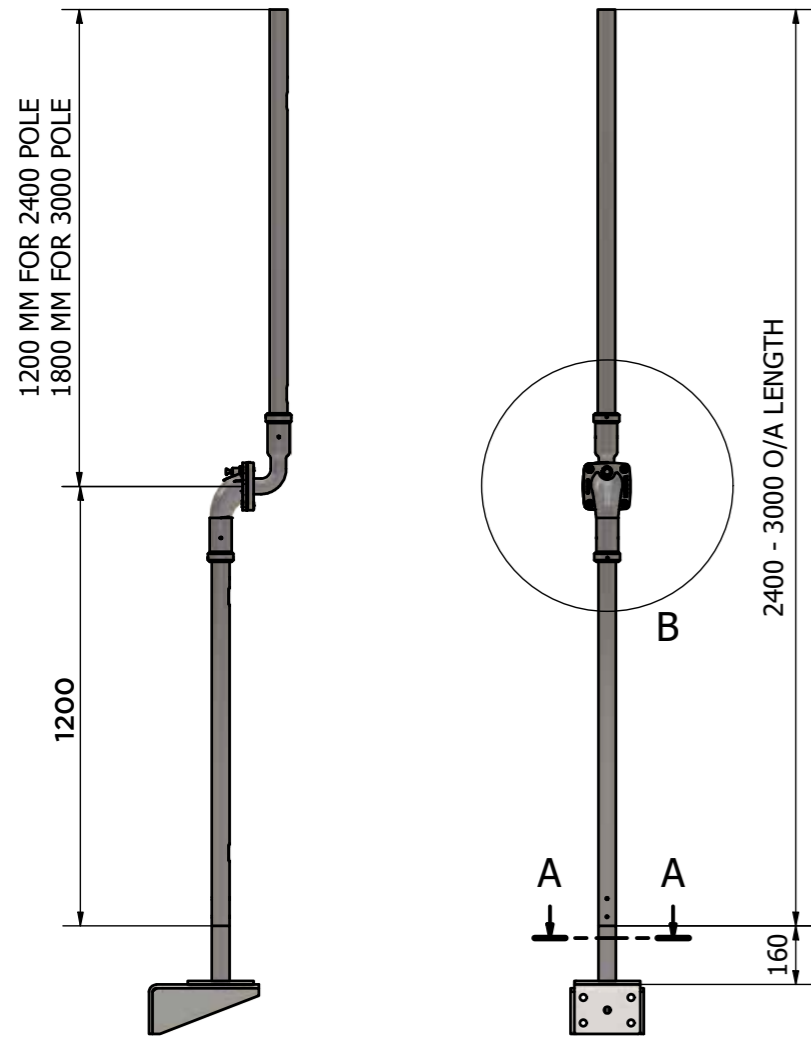
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH4-2400-SM	USH4-3000-SM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	50NB U-BOLTS X 3	50NB U-BOLT X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

# ULTRASWING STANDARD KITS

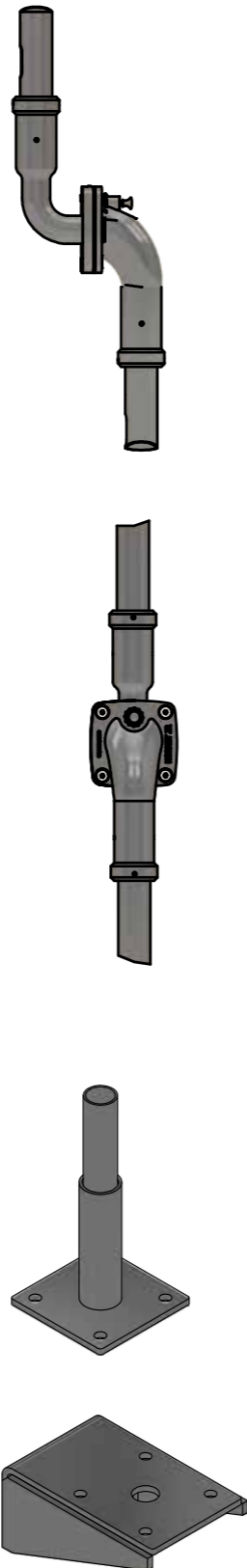


USH5-2400-BM  
USH5-3000-BM

HORNET 90° POLE 50NB/50NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH5-2400-BM	USH5-3000-BM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US5012	US5018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB04 + MB02	MB04 + USB02

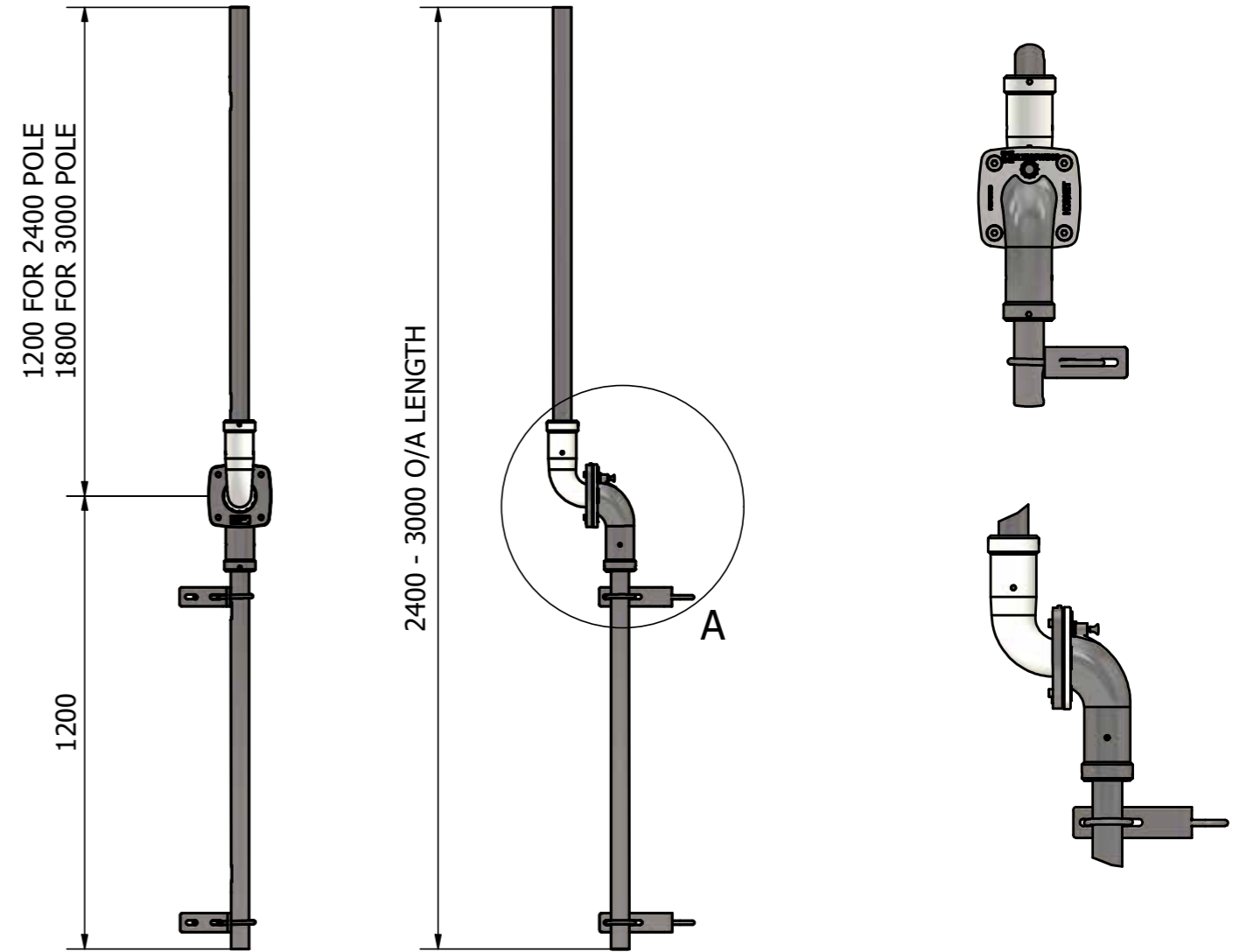


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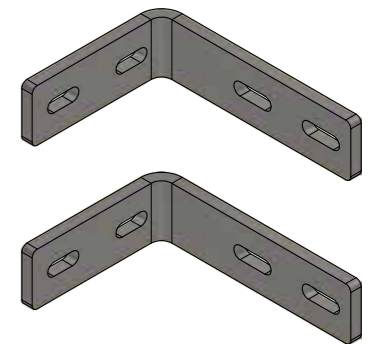


USH5-2400-HRM  
USH5-3000-HRM

HORNET 90° POLE 50NB/50NB HANDRAIL MOUNT POLE



USH5-2400-HRMA PART KIT		
ITEMS		
PART No.	USH5-2400-HRM	USH5-3000-HRM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US5012	US5018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	50NB U-BOLTS X 2	50NB U-BOLTS X 2
	40NB U-BOLTS X 2	40NB U-BOLTS X 2

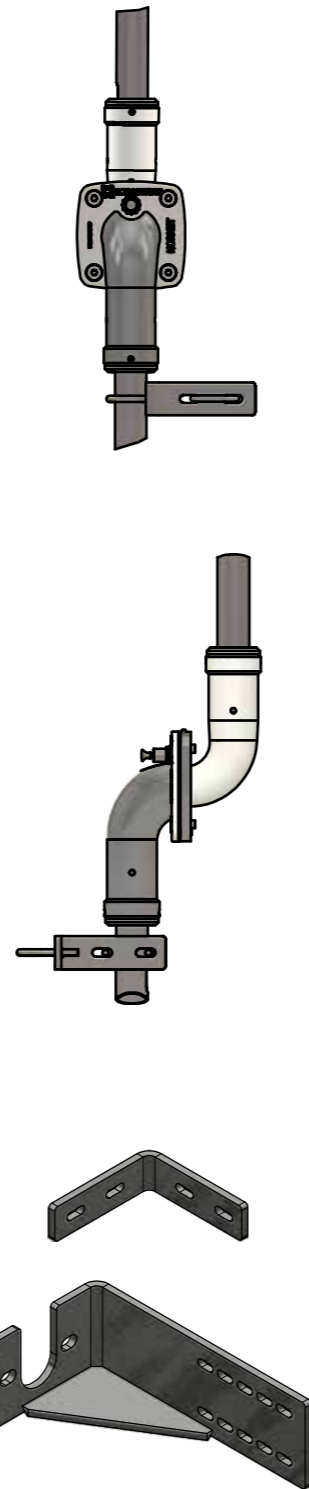
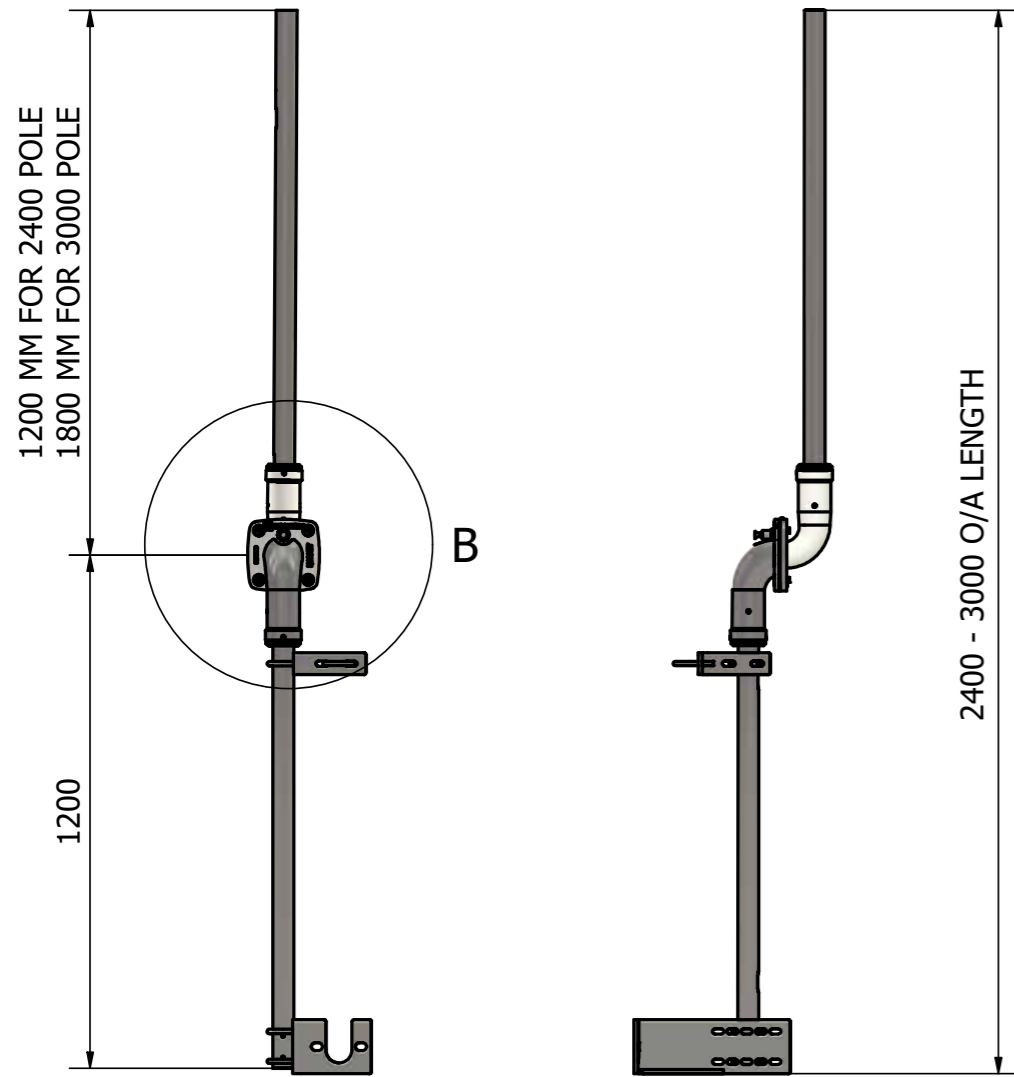


# ULTRASWING STANDARD KITS



USH5-2400-SM  
USH5-3000-SM

HORNET 90° POLE 50NB/50NB STRUCTURE MOUNT POLE



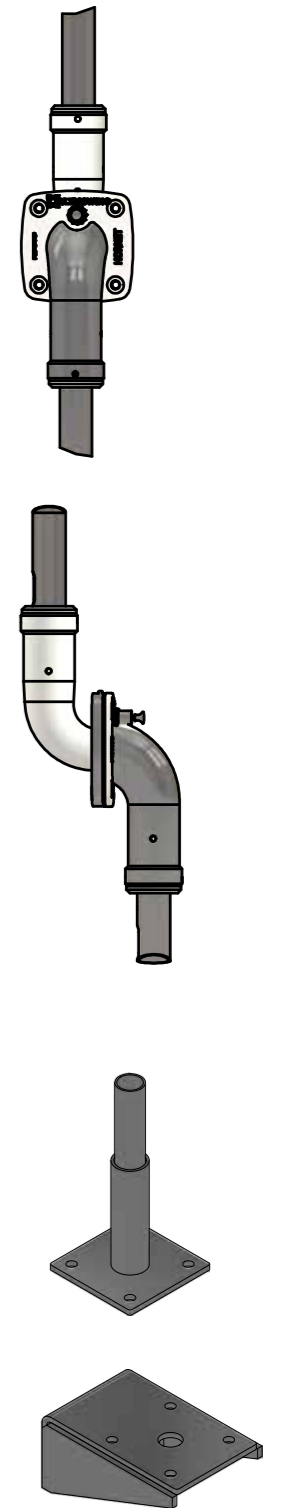
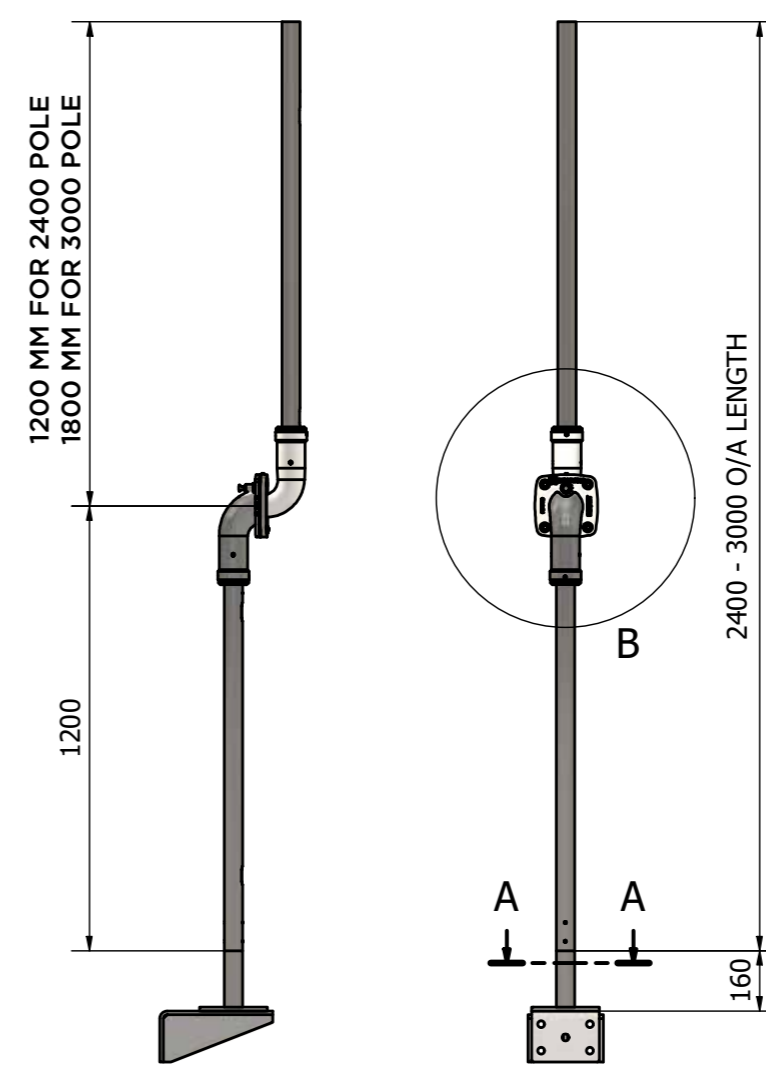
USH5-2400-HRMA PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH5-2400-SM	USH5-3000-SM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US5012	US5018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	50NB U-BOLTS X 3	50NB U-BOLT X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

# ULTRASWING STANDARD KITS



USH6-2400-BM  
USH6-3000-BM

HORNET 90° POLE 50NB/65NB BASE MOUNT POLE



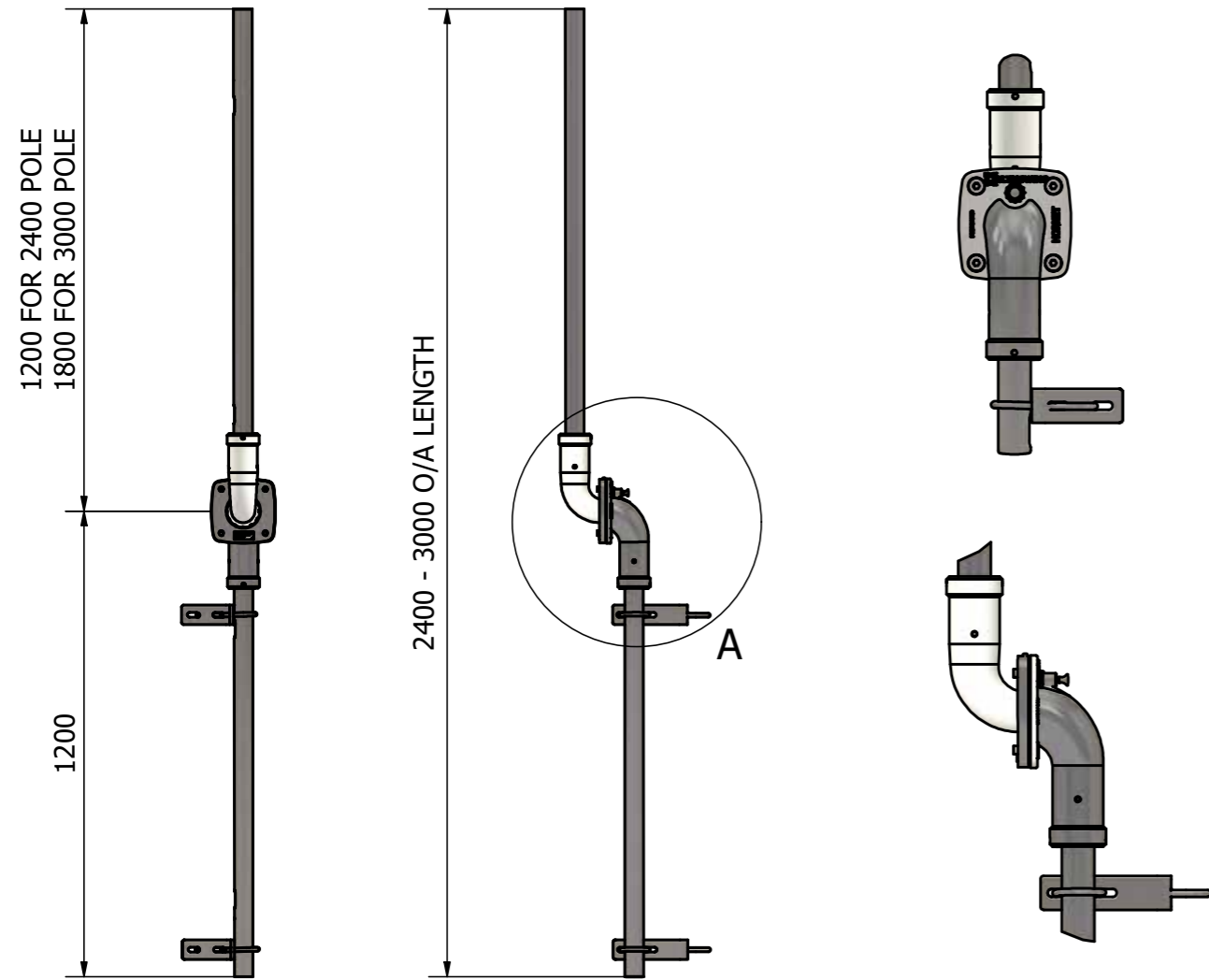
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH6-2400-BM	USH6-3000-BM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US5012	US5018
LOWER POLE	US6511	US6511
MOUNTING BRACKET	MB04 + USB03	MB04 + USB03

# ULTRASWING STANDARD KITS

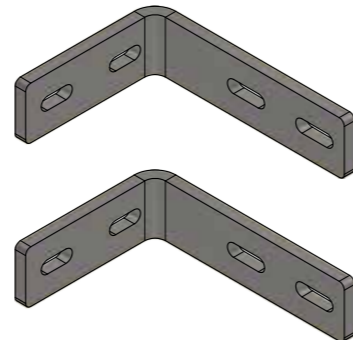


USH6-2400-HRM  
USH6-3000-HRM

HORNET 90° POLE 50NB/65NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH6-2400-HRM	USH6-3000-HRM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US5012	US5018
LOWER POLE	US6511	US6511
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	65NB U-BOLTS X 2	65NB U-BOLTS X 2

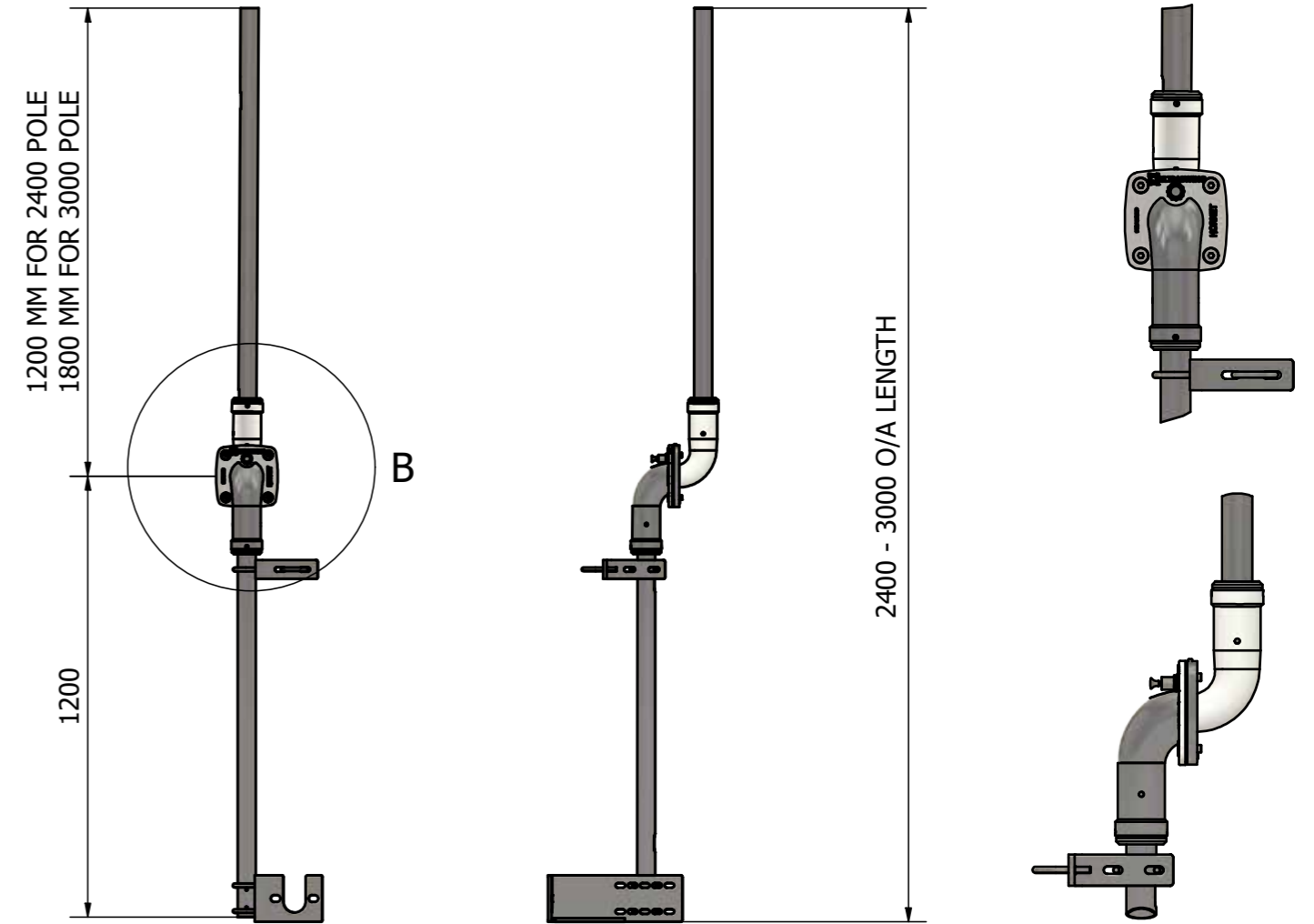


# ULTRASWING STANDARD KITS

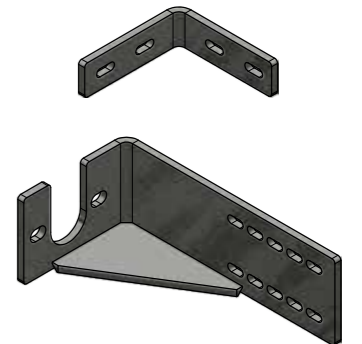


USH6-2400-SM  
USH6-3000-SM

HORNET 90° POLE 50NB/65NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USH6-2400-SM	USH6-3000-SM
MECHANISM	USH-MS	USH-MS
UPPER POLE	US5012	US5018
LOWER POLE	US6511	US6511
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	65NB U-BOLTS X 3	65NB U-BOLT X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

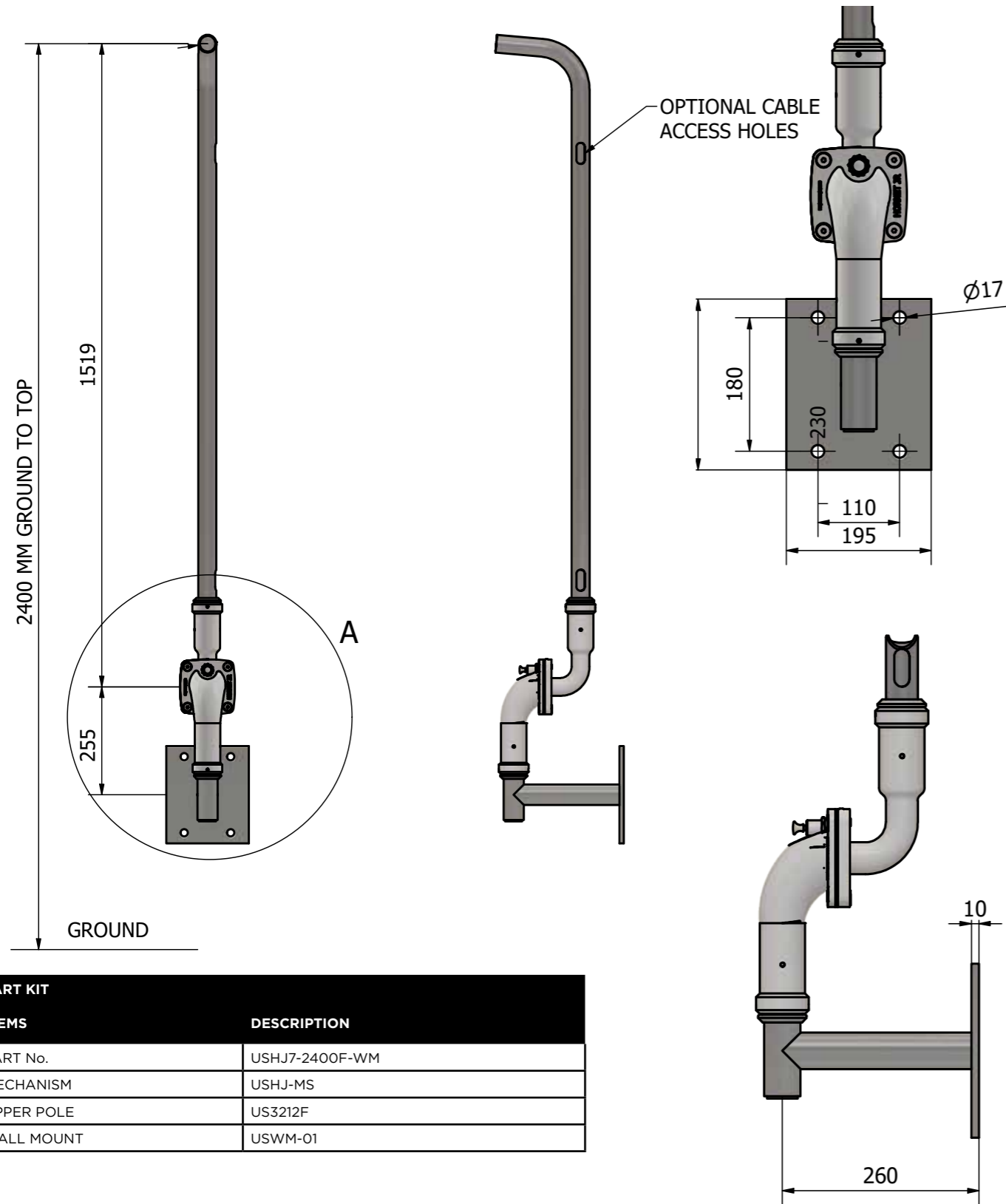


# ULTRASWING STANDARD KITS



## USHJ7-2400F-WM

HORNET JNR 90°, 32NB FIXED SPIGOT COLUMN MOUNT POLE 2400MM



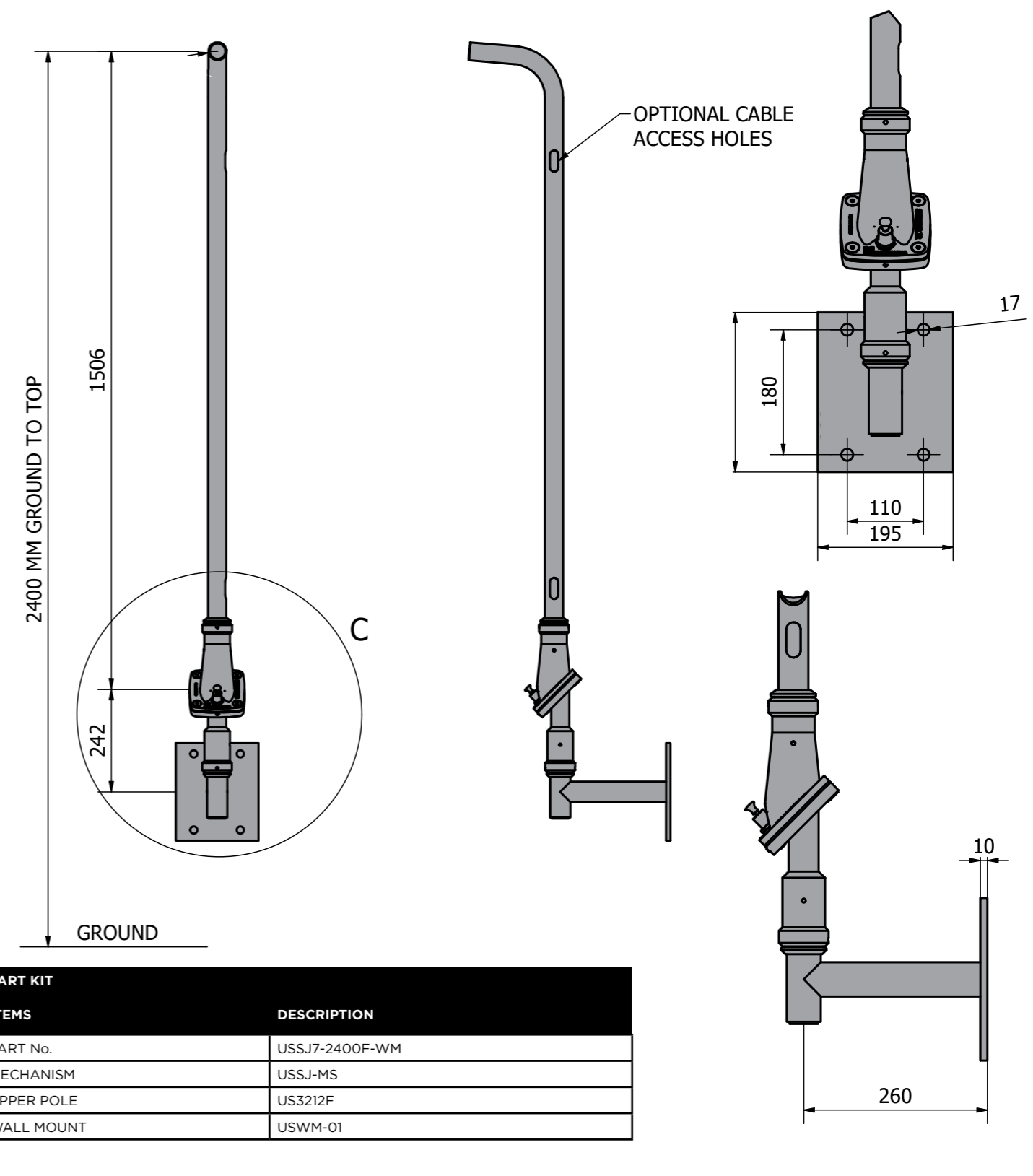
PART KIT	
ITEMS	DESCRIPTION
PART No.	USHJ7-2400F-WM
MECHANISM	USHJ-MS
UPPER POLE	US3212F
WALL MOUNT	USWM-01

# ULTRASWING STANDARD KITS



## USSJ7-2400F-WM

STINGER JNR 45°, 32NB FIXED SPIGOT COLUMN MOUNT POLE 2400MM



PART KIT	
ITEMS	DESCRIPTION
PART No.	USSJ7-2400F-WM
MECHANISM	USSJ-MS
UPPER POLE	US3212F
WALL MOUNT	USWM-01

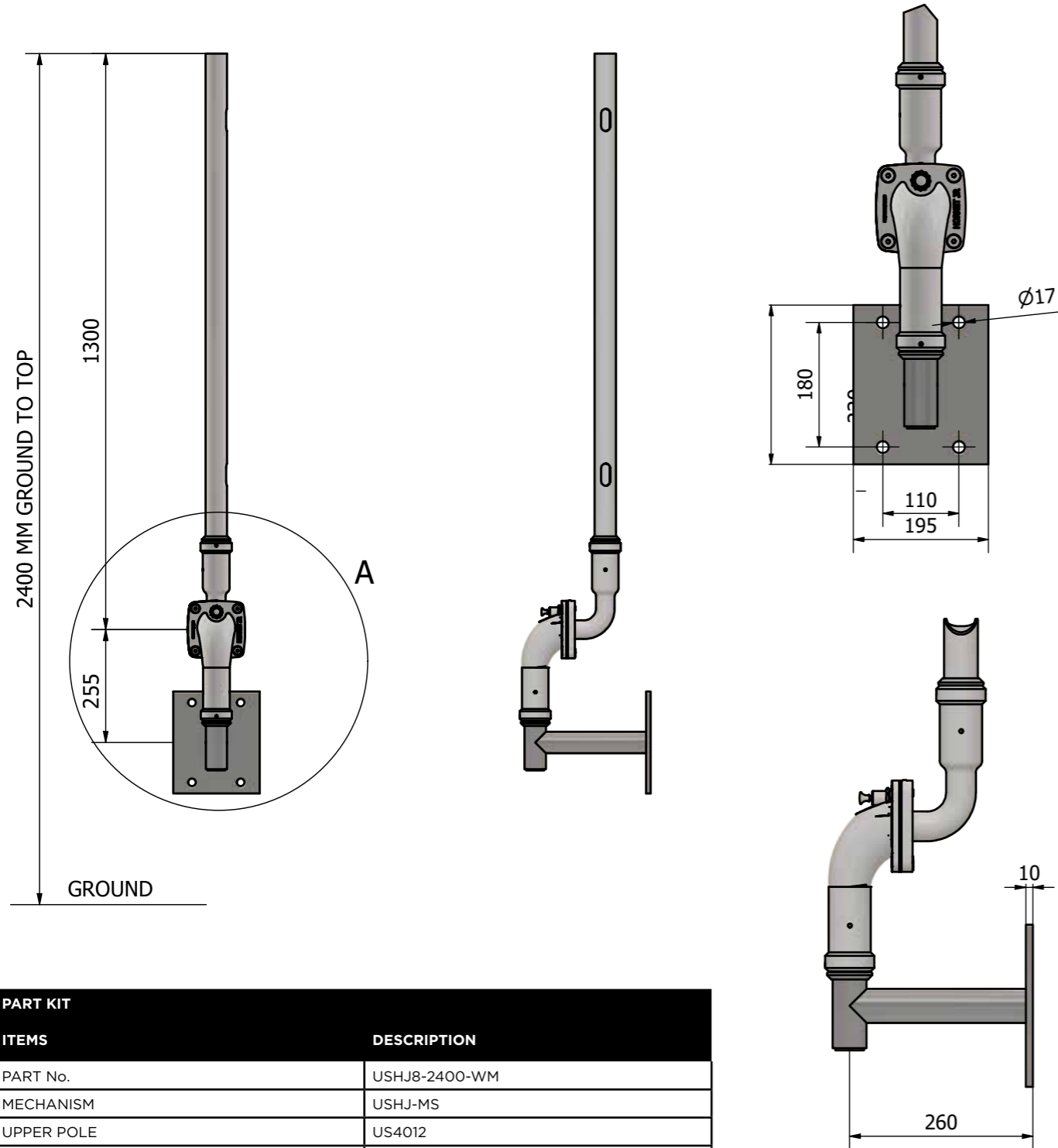


# ULTRASWING STANDARD KITS



USHJ8-2400-WM

HORNET JNR 90°, 40NB COLUMN MOUNT POLE 2400MM



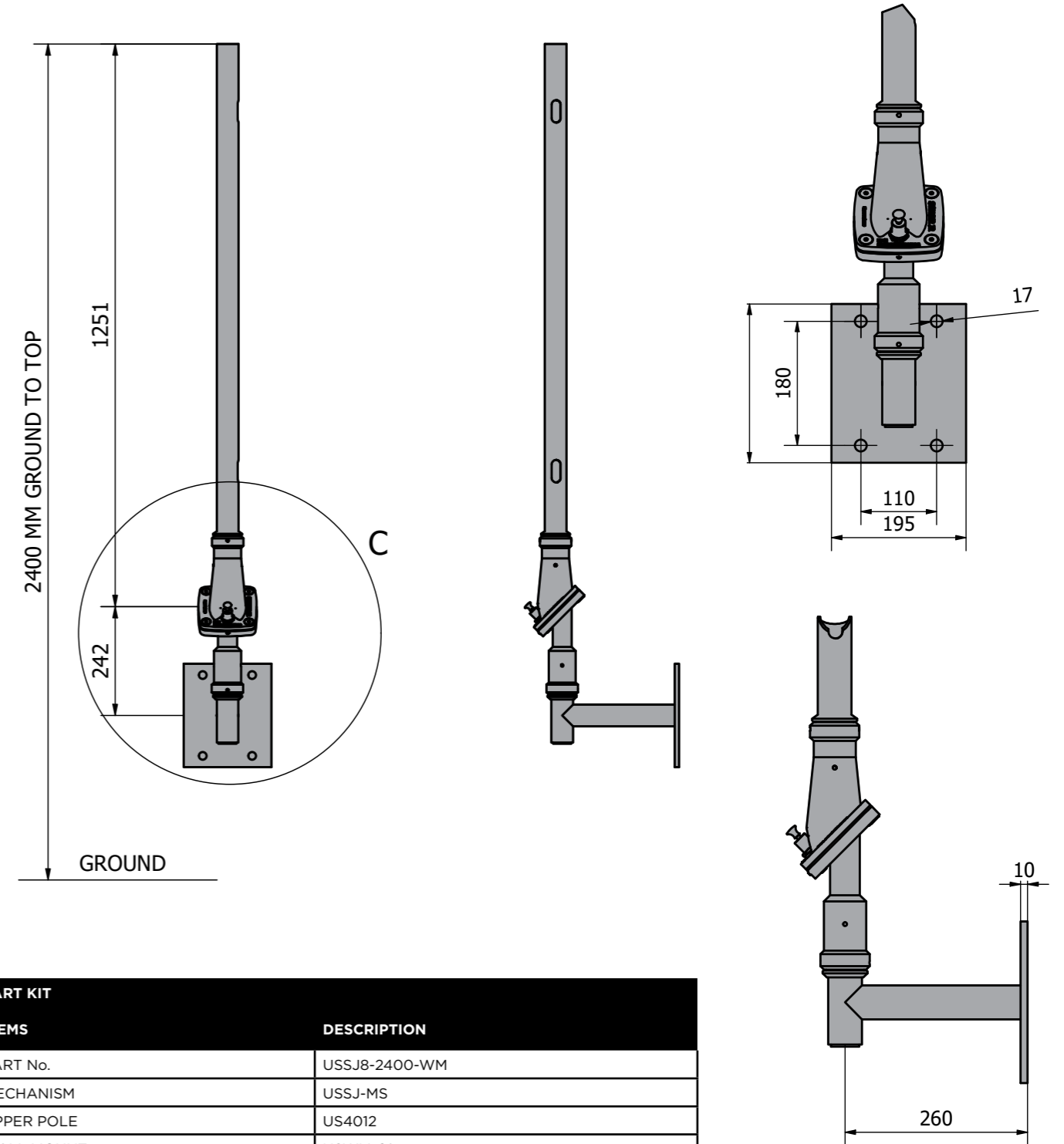
PART KIT	
ITEMS	DESCRIPTION
PART No.	USHJ8-2400-WM
MECHANISM	USHJ-MS
UPPER POLE	US4012
WALL MOUNT	USWM-01

# ULTRASWING STANDARD KITS



USSJ8-2400-WM

STINGER JNR 45°, 40NB COLUMN MOUNT POLE 2400MM



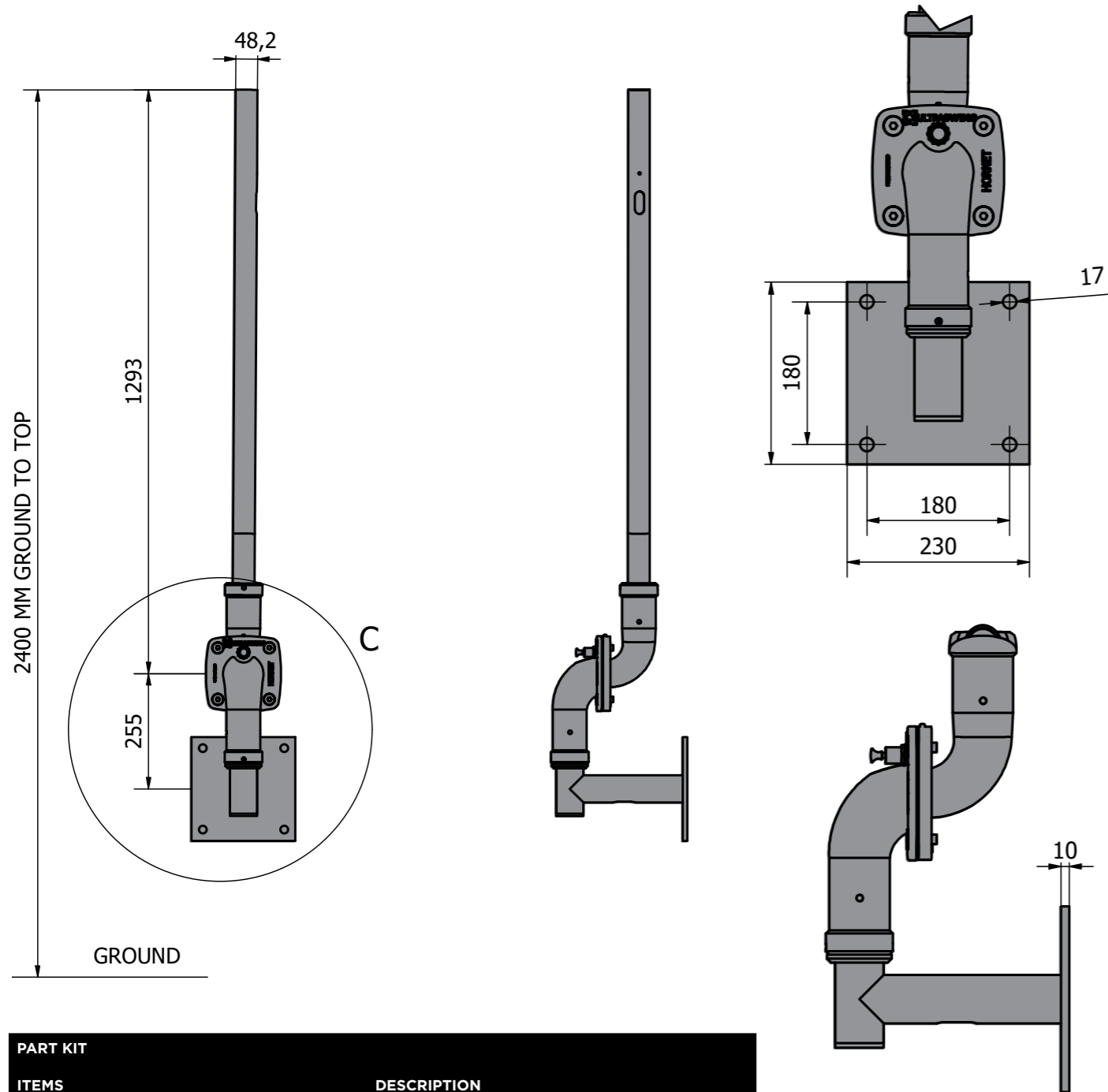
PART KIT	
ITEMS	DESCRIPTION
PART No.	USSJ8-2400-WM
MECHANISM	USSJ-MS
UPPER POLE	US4012
WALL MOUNT	USWM-01

# ULTRASWING STANDARD KITS



## USH9-2400-WM

HORNET JNR 90°, 40NB COLUMN MOUNT POLE 3000MM



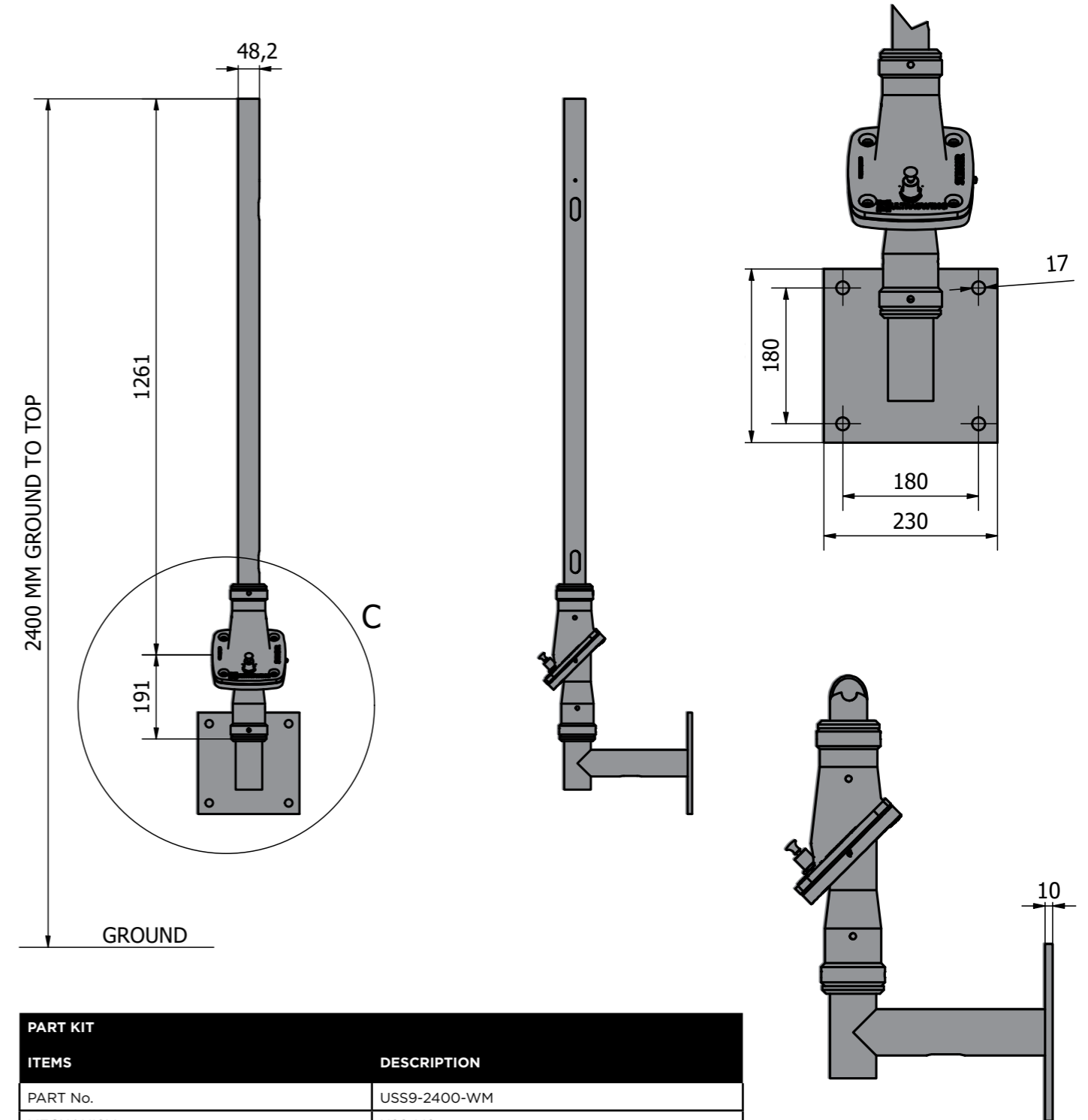
PART KIT	
ITEMS	DESCRIPTION
PART No.	USH9-2400-WM
MECHANISM	USH-MS
UPPER POLE	US4012
WALL MOUNT	USWM-02

# ULTRASWING STANDARD KITS



## USS9-2400-WM

STINGER 45°, 40NB COLUMN MOUNT POLE 2400MM



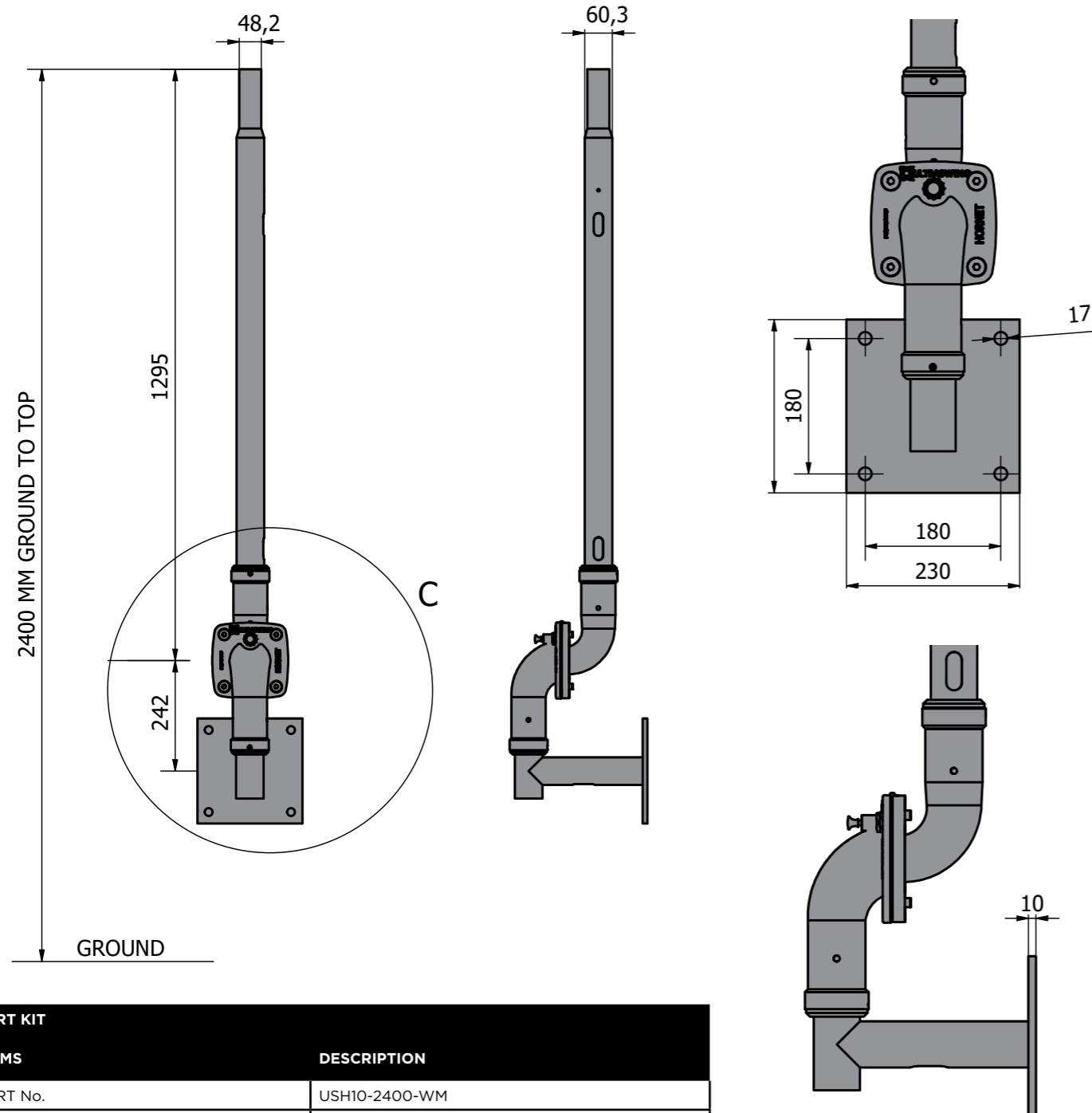
PART KIT	
ITEMS	DESCRIPTION
PART No.	USS9-2400-WM
MECHANISM	USS-MS
UPPER POLE	US4012
WALL MOUNT	USWM-02

# ULTRASWING STANDARD KITS



USH10-2400-WM

HORNET 90°, 50NB COLUMN MOUNT POLE 2400MM



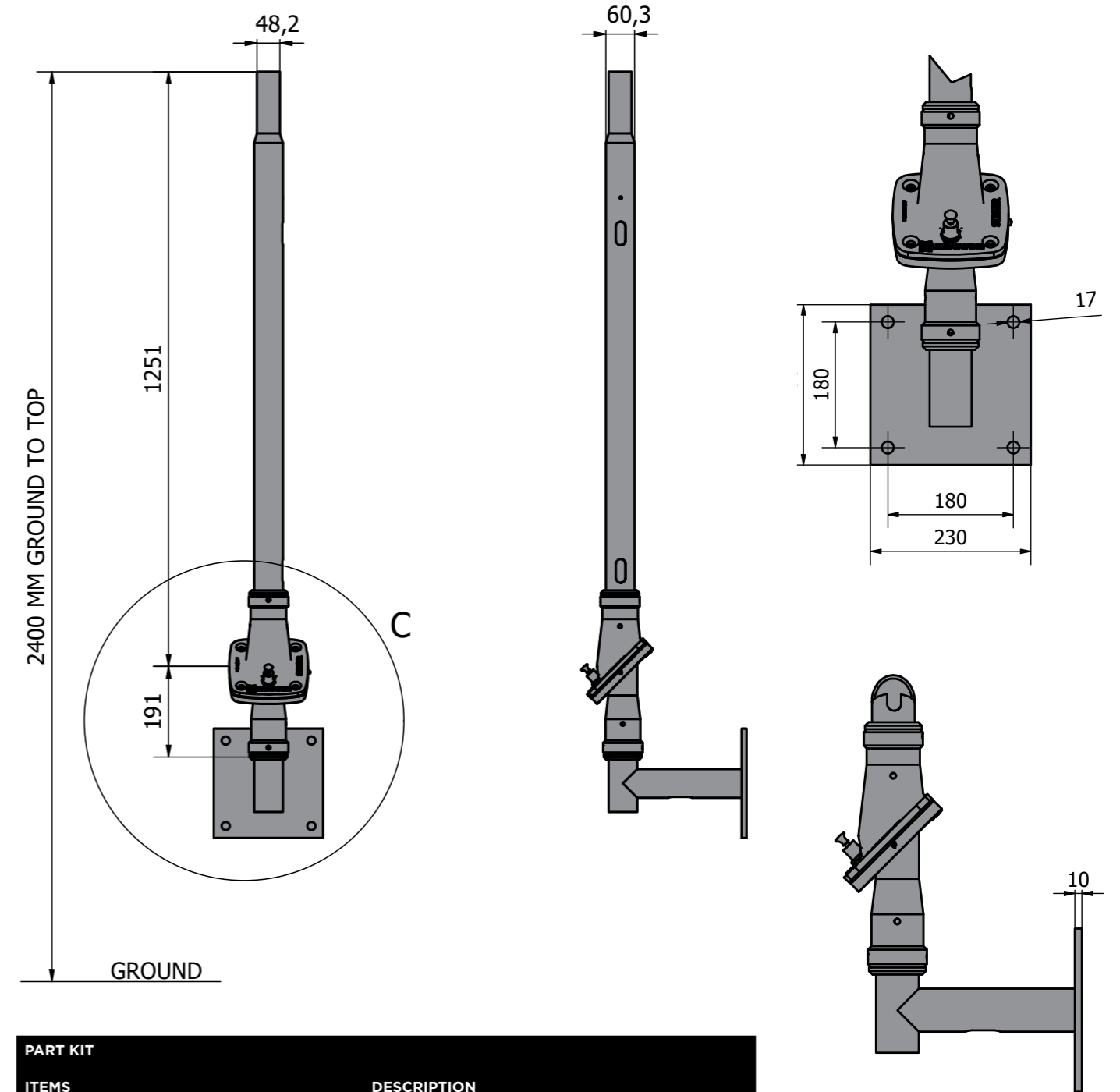
PART KIT	
ITEMS	DESCRIPTION
PART No.	USH10-2400-WM
MECHANISM	USH-MS
UPPER POLE	U5012
WALL MOUNT	USWM-02

# ULTRASWING STANDARD KITS



USS10-2400-WM

STINGER 45°, 50NB COLUMN MOUNT POLE 2400MM



PART KIT	
ITEMS	DESCRIPTION
PART No.	USS10-2400-WM
MECHANISM	USS-MS
UPPER POLE	U5012
WALL MOUNT	USWM-02



# GREEN-TEK SOLUTIONS

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## SOLAR TRAILERS AND SKIDS

LIGHTING  
COMMUNICATIONS  
SECURITY

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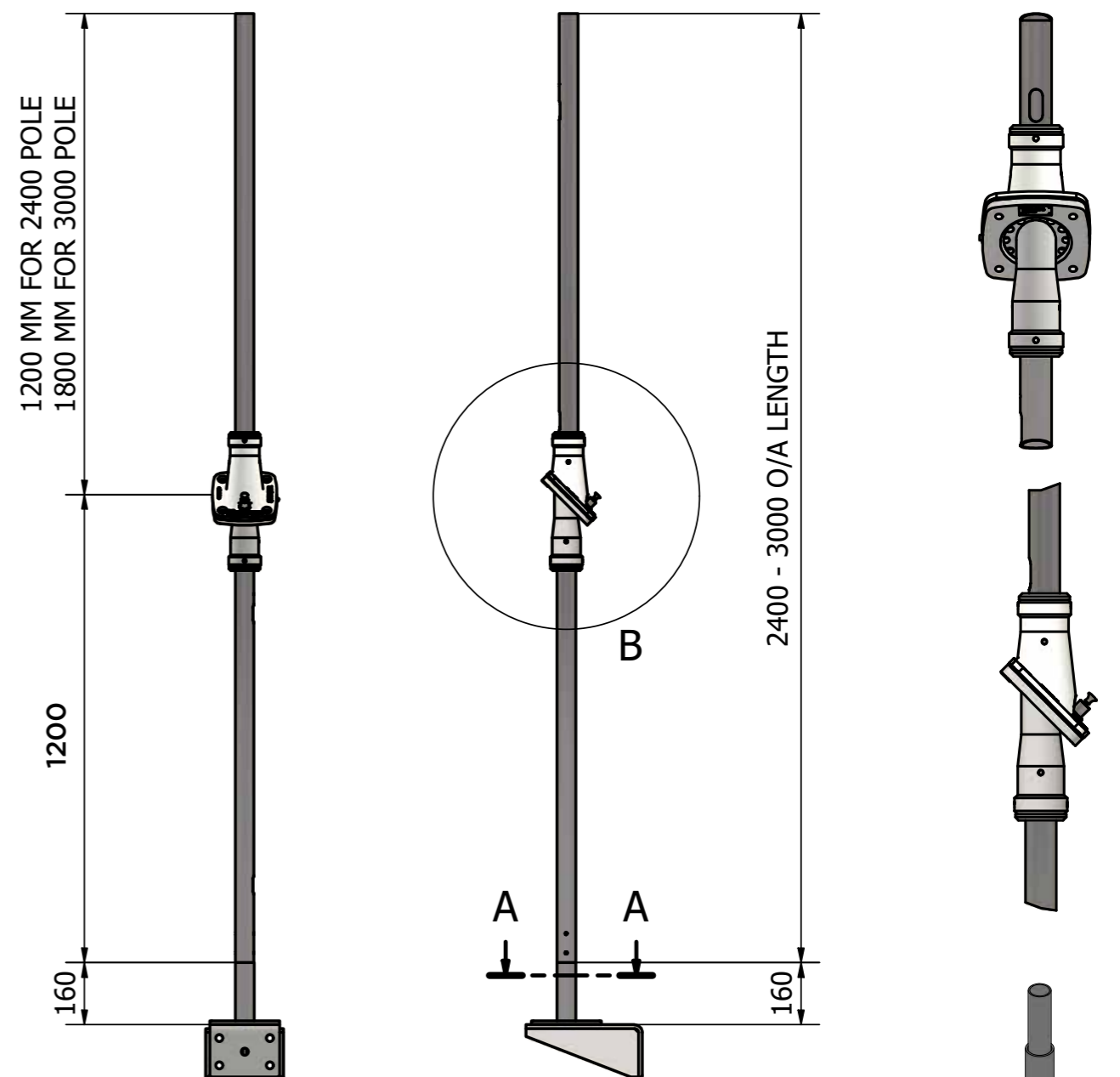
# ULTRASWING STANDARD KITS



USSJ1-2400F-BM

USSJ1-3000F-BM

STINGER JNR 45° POLE 40NB/32NB FIXED SPIGOT BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ1-2400F-BM	USSJ1-3000F-BM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US3012F	US3018F
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB04 + USB01	MB04 + USB01

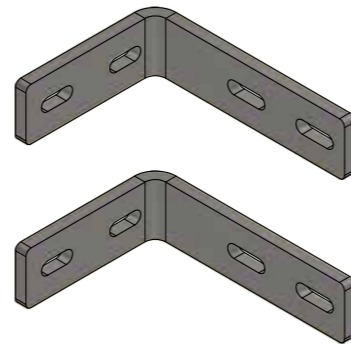
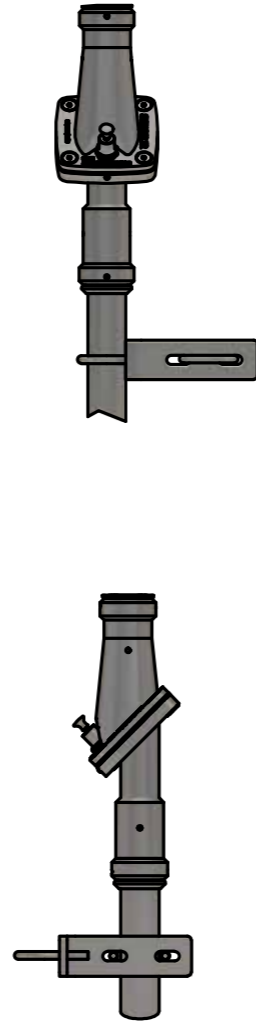
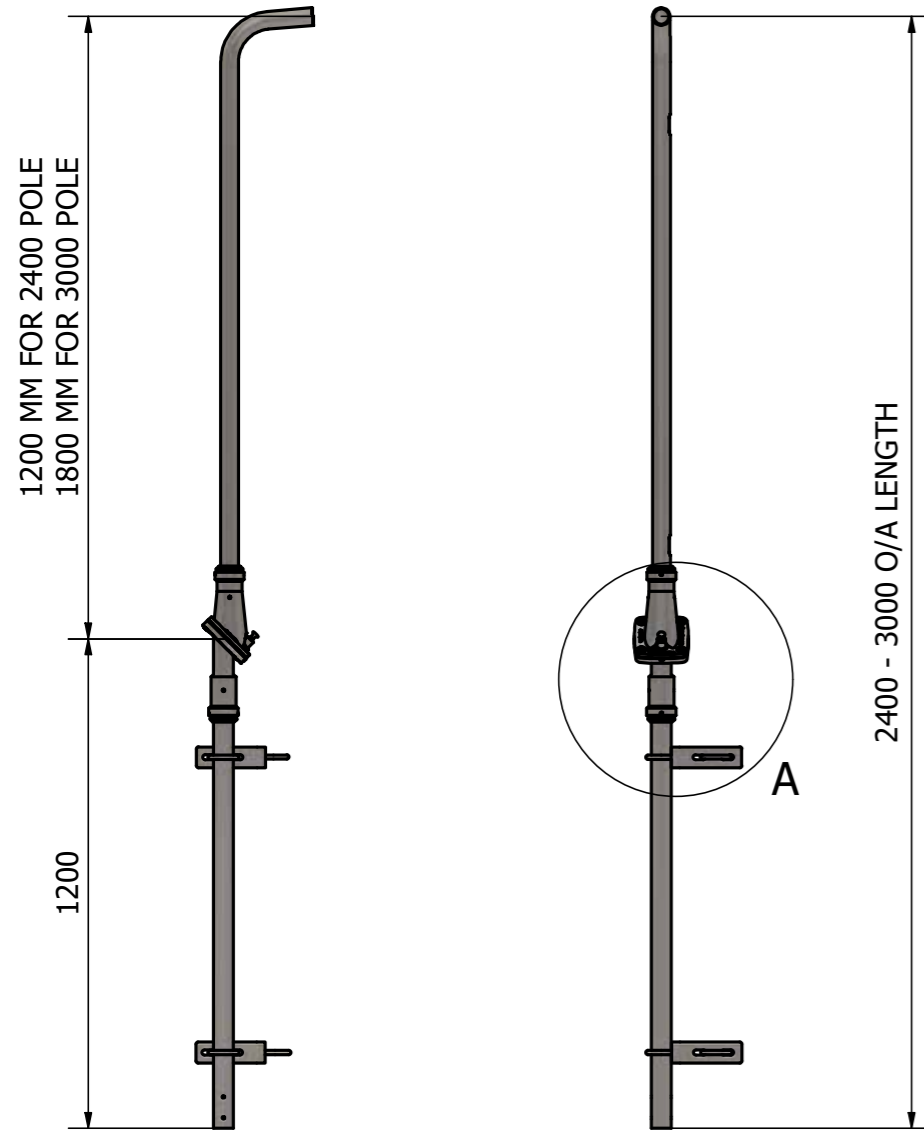


# ULTRASWING STANDARD KITS



USSJ1-2400F-HRM  
USSJ1-3000F-HRM

STINGER JNR 45° POLE 40NB/32NB FIXED SPIGOT HANDRAIL MOUNT POLE



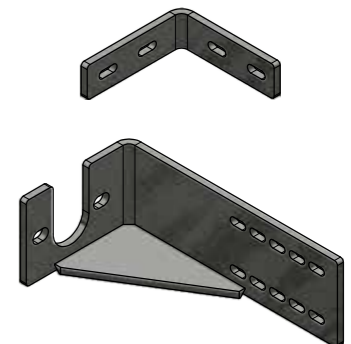
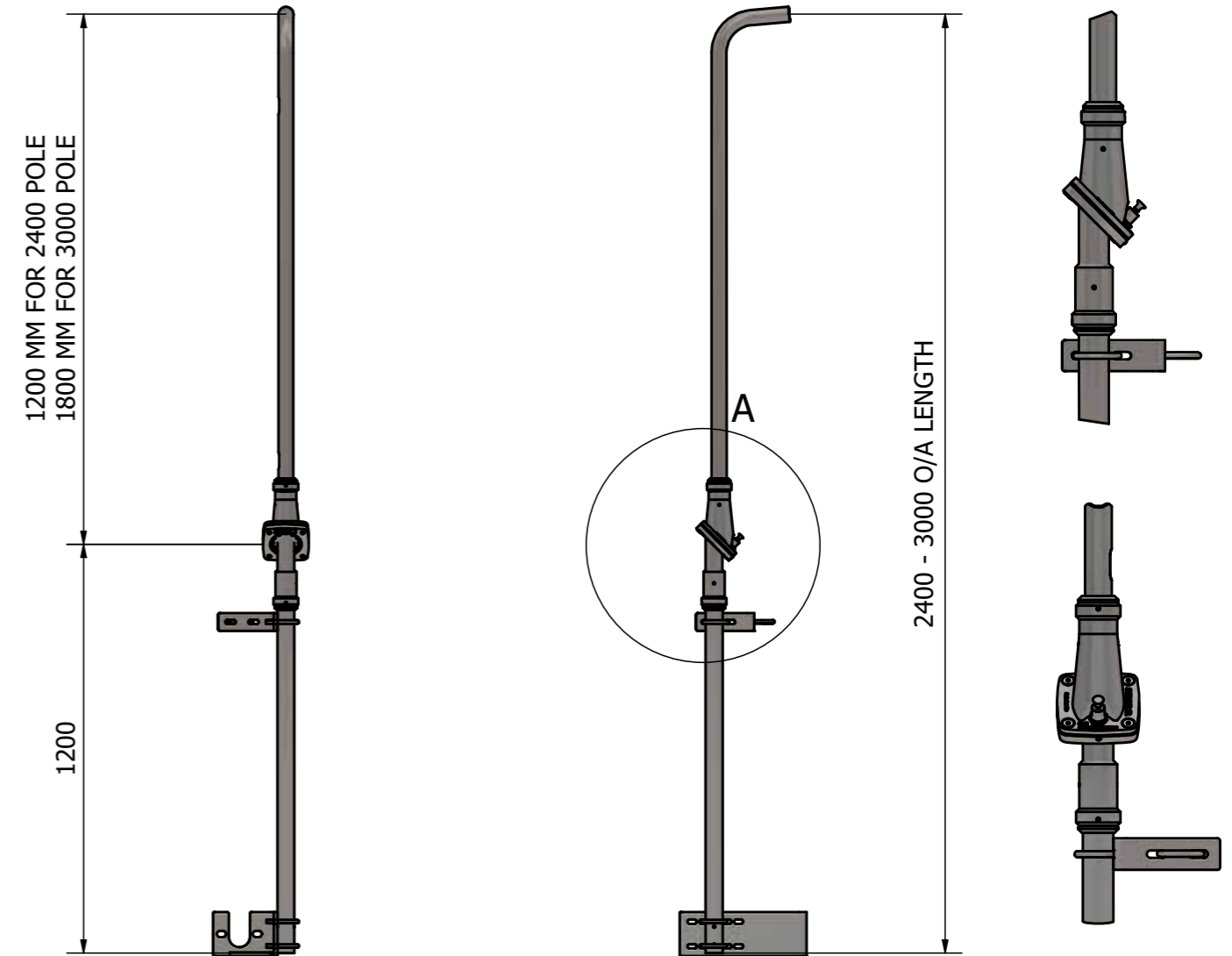
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ1-2400F-HRM	USSJ1-3000F-HRM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US3212F	US3218F
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

# ULTRASWING STANDARD KITS



USSJ1-2400F-SM  
USSJ1-3000F-SM

STINGER JNR 45° POLE 40NB/32NB FIXED SPIGOT STRUCTURE MOUNT POLE



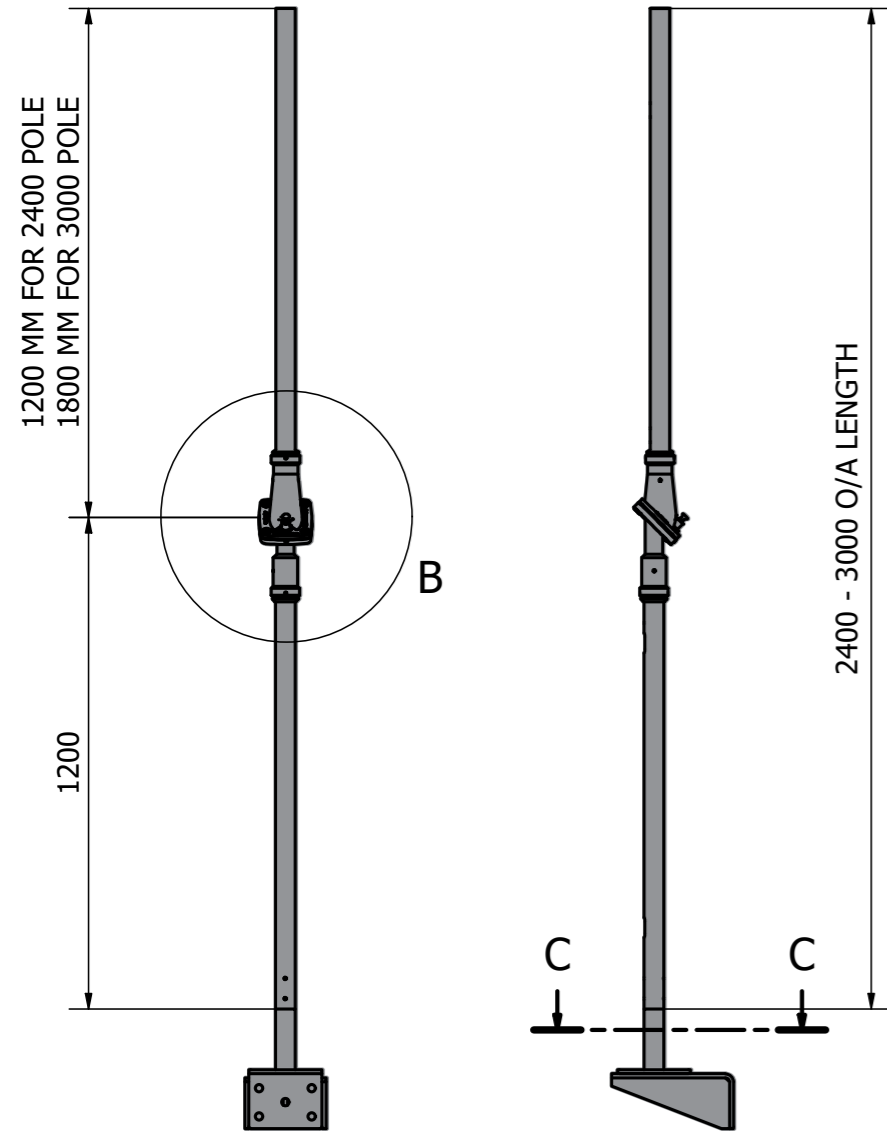
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ1-2400F-SM	USSJ1-3000F-SM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US3212F	US3218F
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB06 + MB02	MB02
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

# ULTRASWING STANDARD KITS

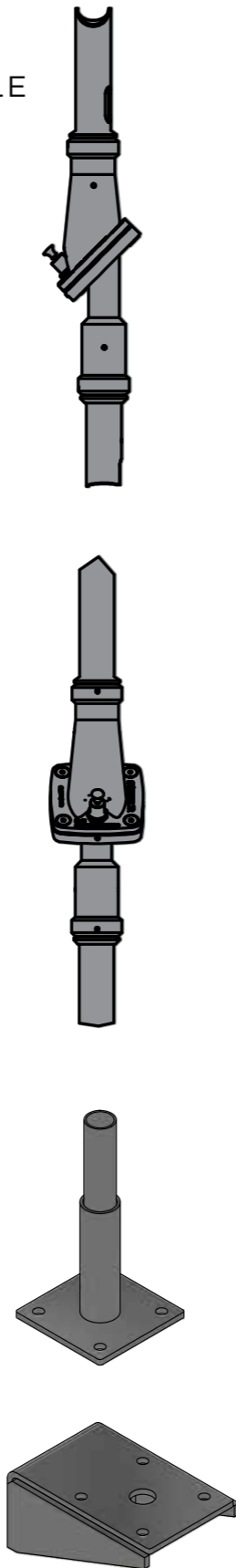


**USSJ2-2400-BM**  
**USSJ2-3000-BM**

STINGER JNR 45° POLE 40NB/40NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ2-2400-BM	USSJ2-3000-BM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB04 + USB01	MB04 + USB01

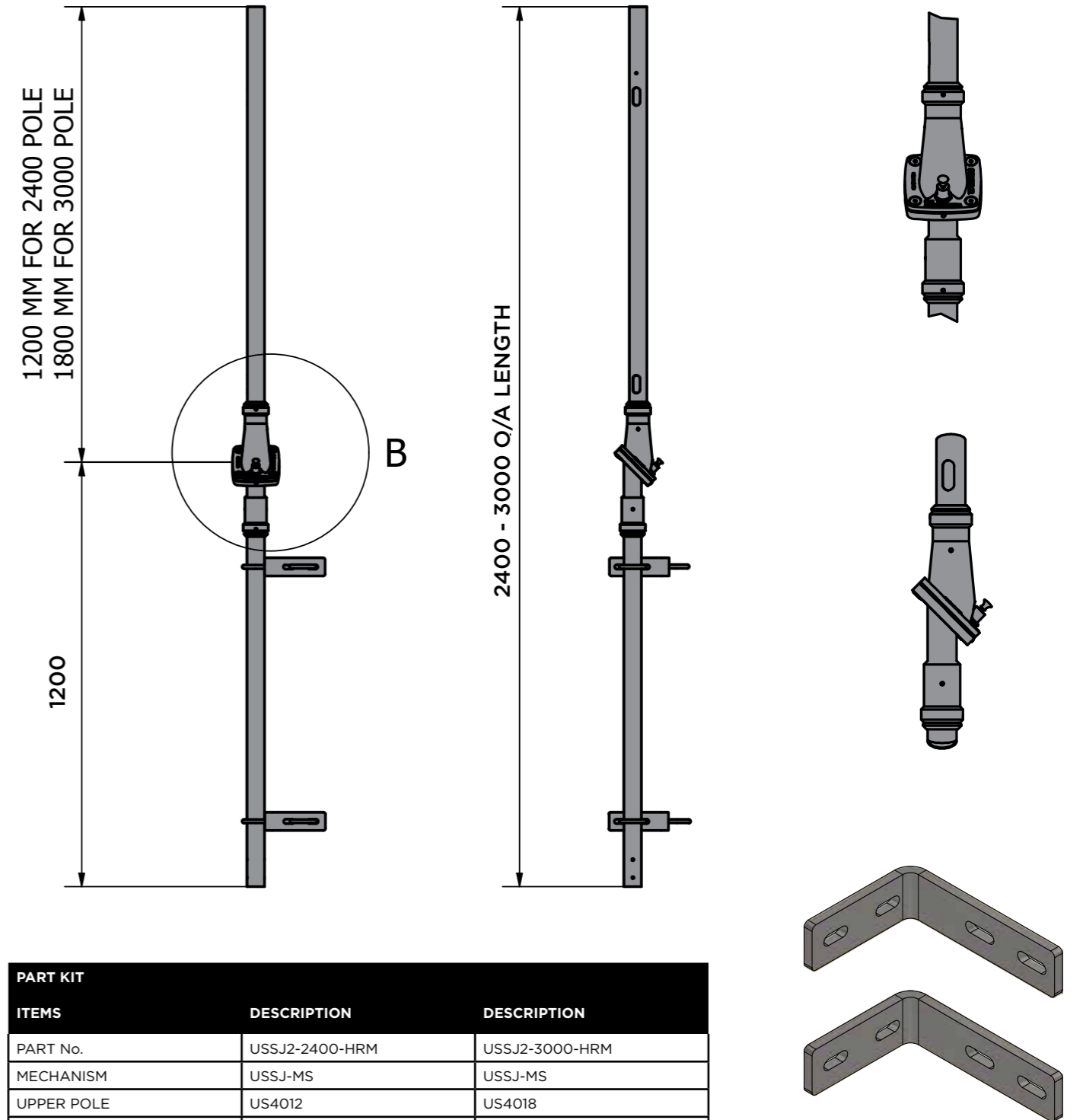


# ULTRASWING STANDARD KITS

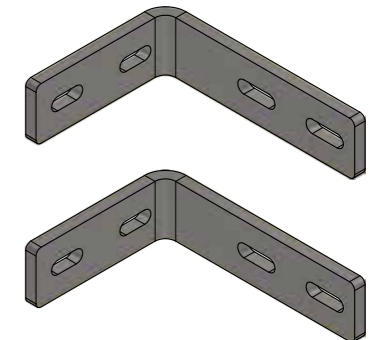


**USSJ2-2400-HRM**  
**USSJ2-3000-HRM**

STINGER JNR 45° POLE 40NB/40NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ2-2400-HRM	USSJ2-3000-HRM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

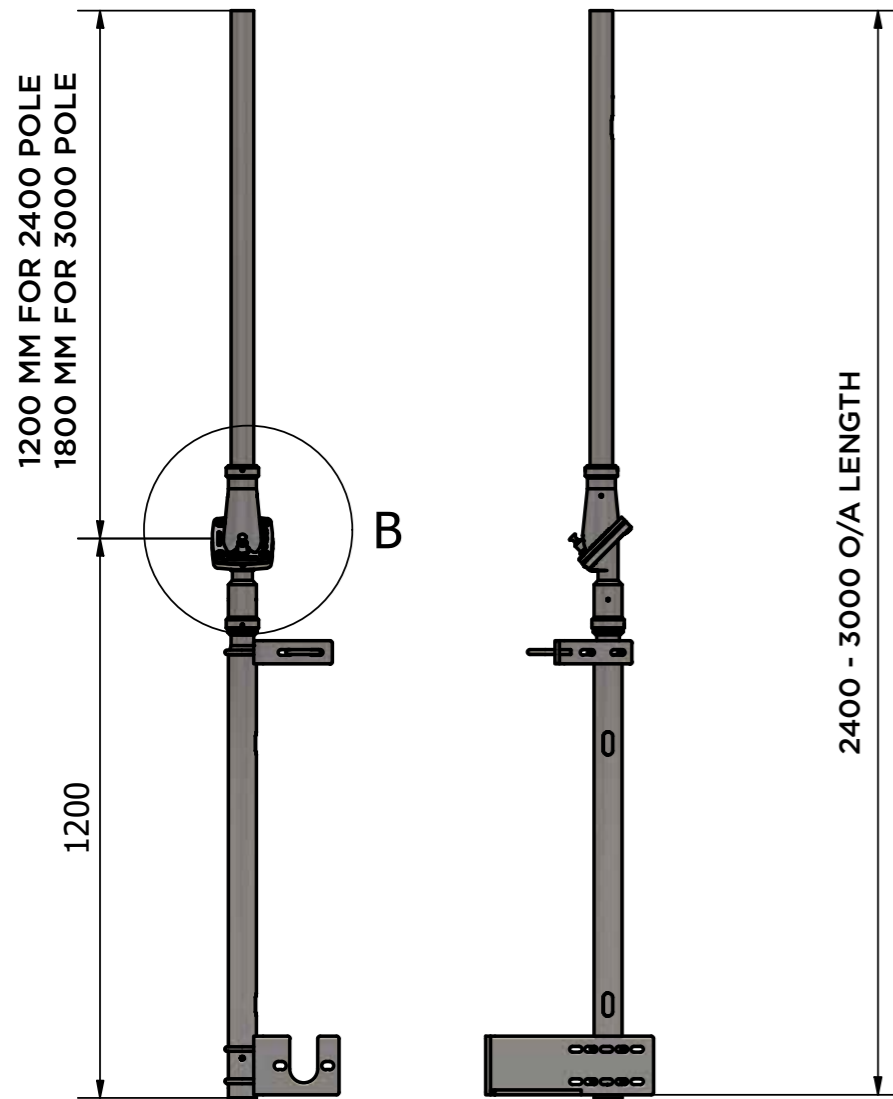


# ULTRASWING STANDARD KITS

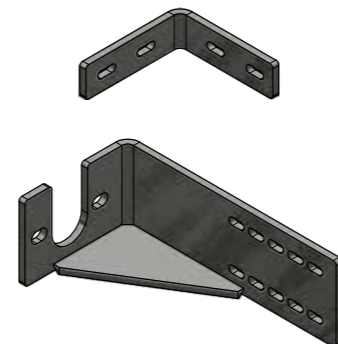


USSJ2-2400-SM  
USSJ2-3000-SM

STINGER JNR 45° POLE 40NB/40NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ2-2400-SM	USSJ2-3000-SM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US4011	US4011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	40NB U-BOLTS X 4	40NB U-BOLT X 4

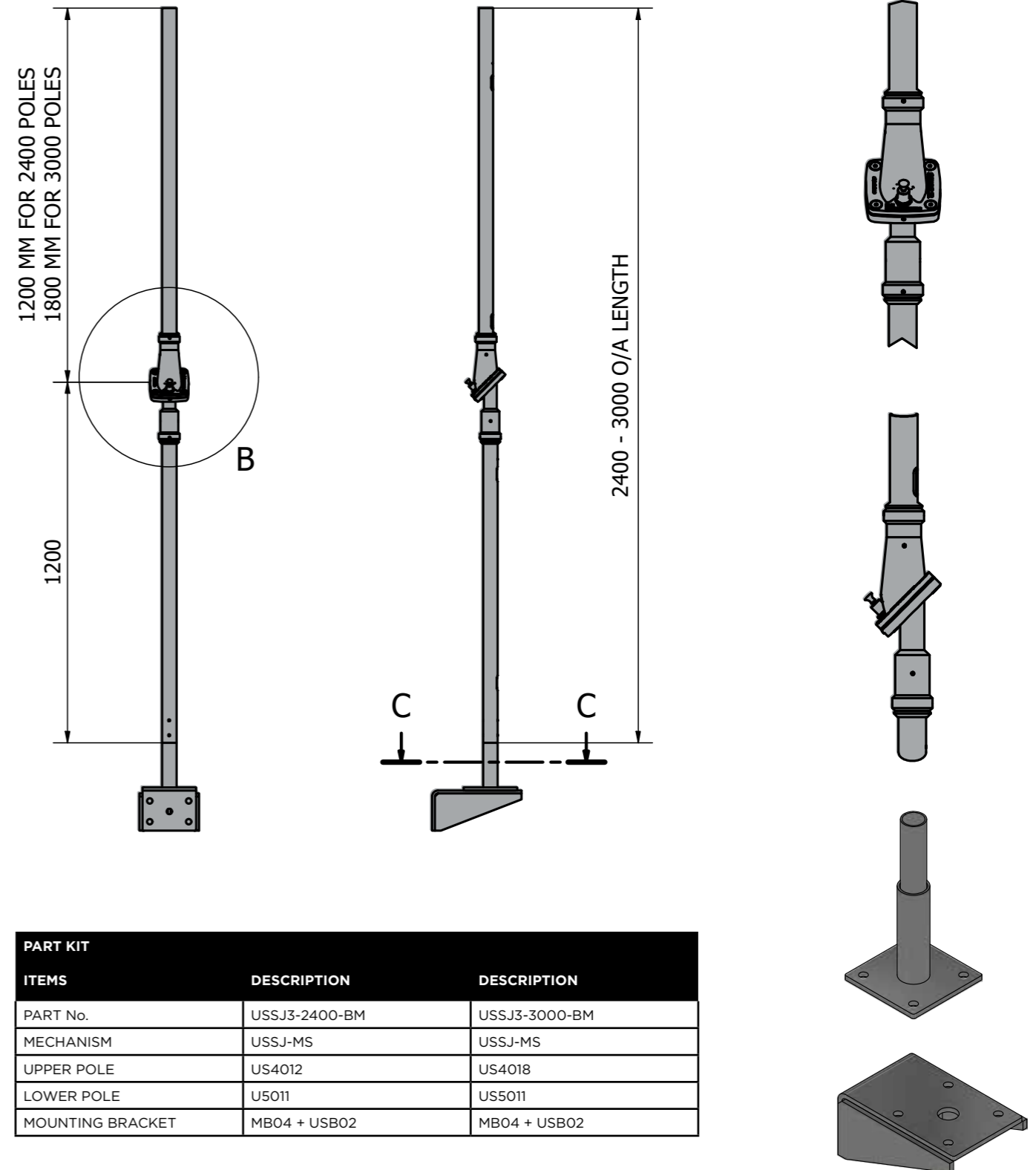


# ULTRASWING STANDARD KITS

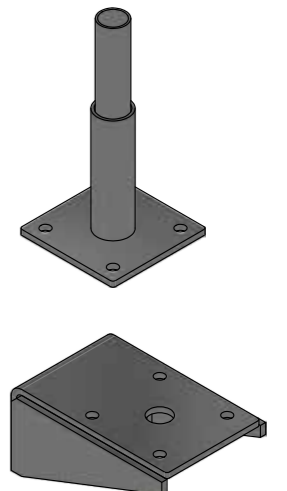


USSJ3-2400-BM  
USSJ3-3000-BM

STINGER JNR 45° POLE 40NB/50NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ3-2400-BM	USSJ3-3000-BM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB04 + USB02	MB04 + USB02

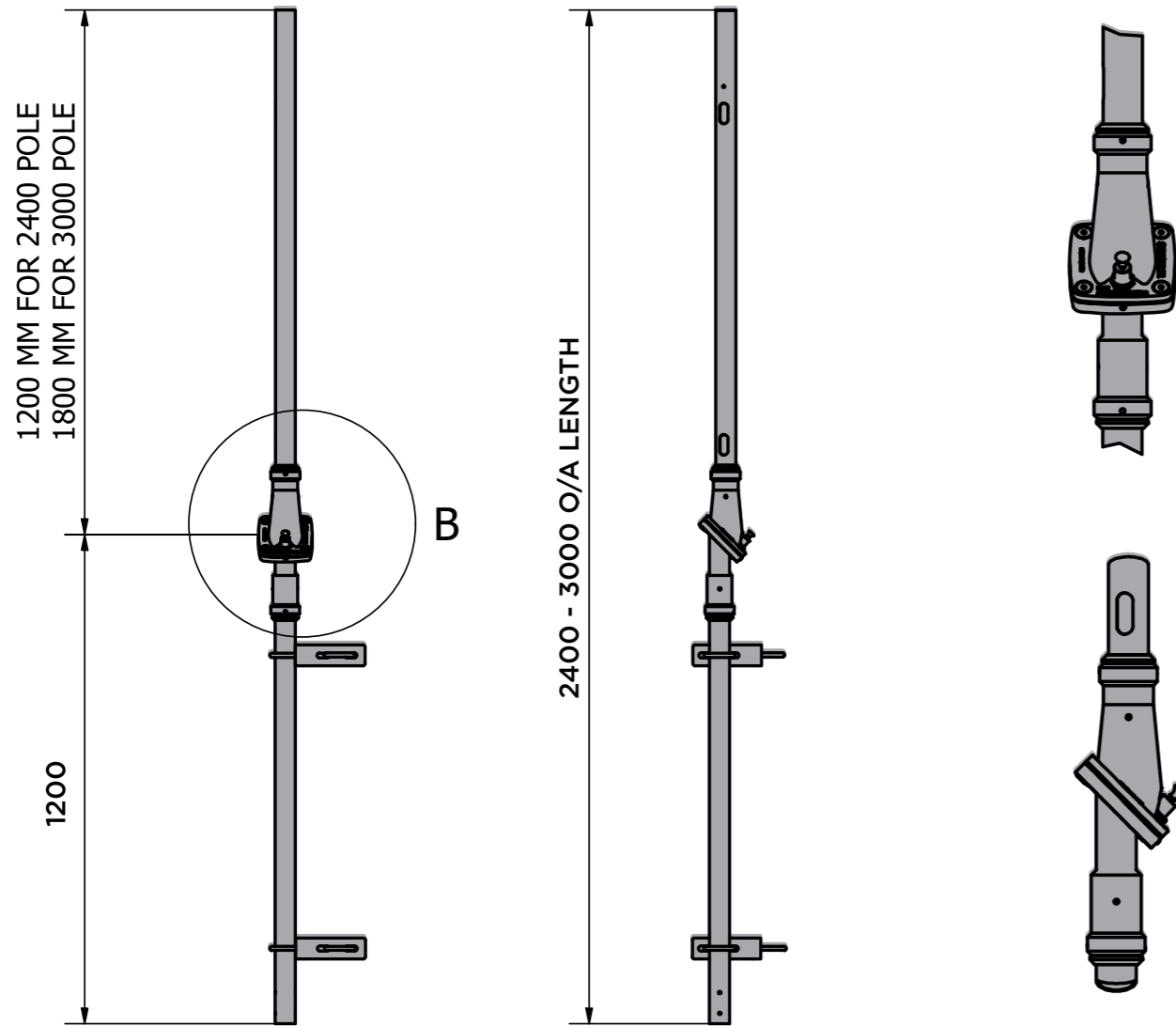


# ULTRASWING STANDARD KITS

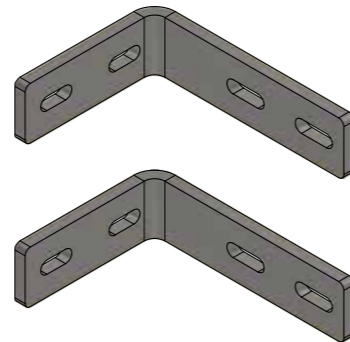


USSJ3-2400-HRM  
USSJ3-3000-HRM

STINGER JNR 45° POLE 40NB/50NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ3-2400-HRM	USSJ3-3000-HRM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB U-BOLTS X 2	40NB U-BOLTS X 2
	50NB U-BOLTS X 2	50NB U-BOLTS X 2

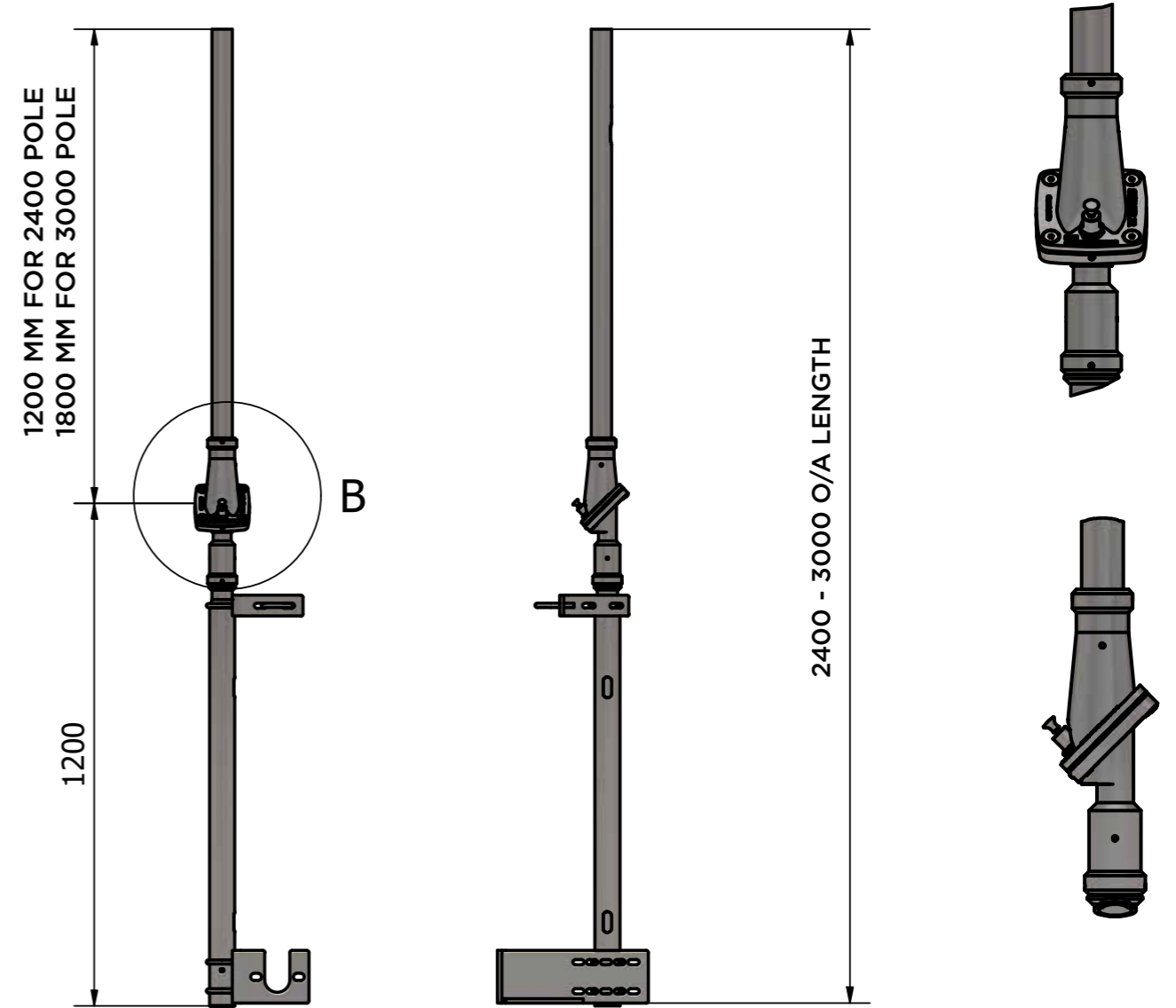


# ULTRASWING STANDARD KITS

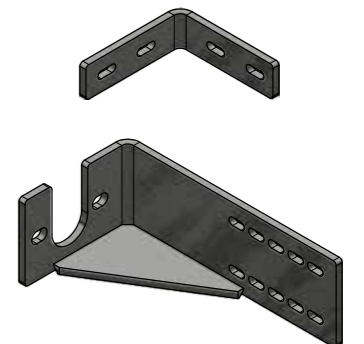


USSJ3-2400-SM  
USSJ3-3000-SM

STINGER JNR 45° POLE 40NB/50NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USSJ3-2400-SM	USSJ3-3000-SM
MECHANISM	USSJ-MS	USSJ-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 + MB02	MB02
ACCESSORIES	50NB U-BOLTS X 3	50NB U-BOLT X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1



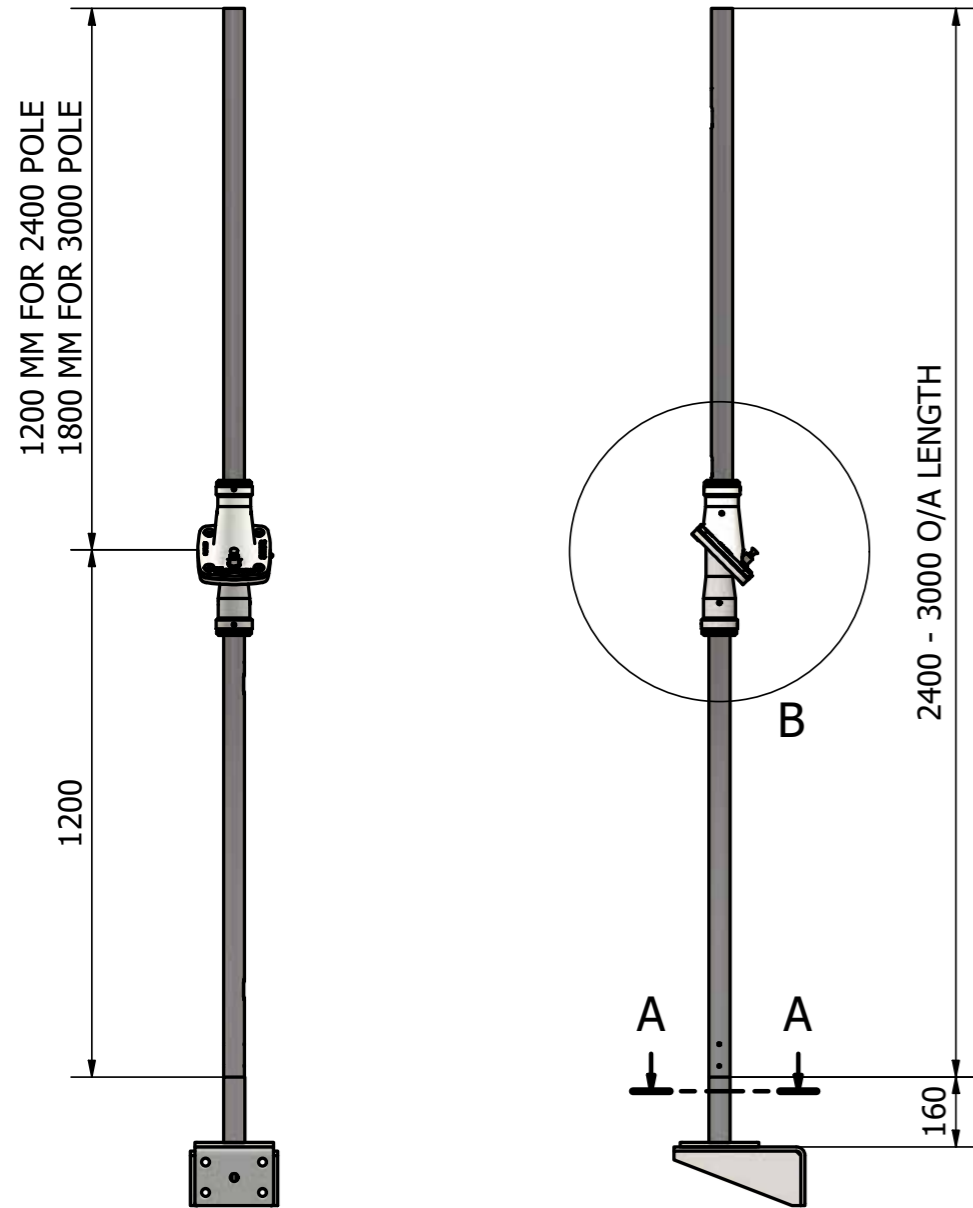


# ULTRASWING STANDARD KITS

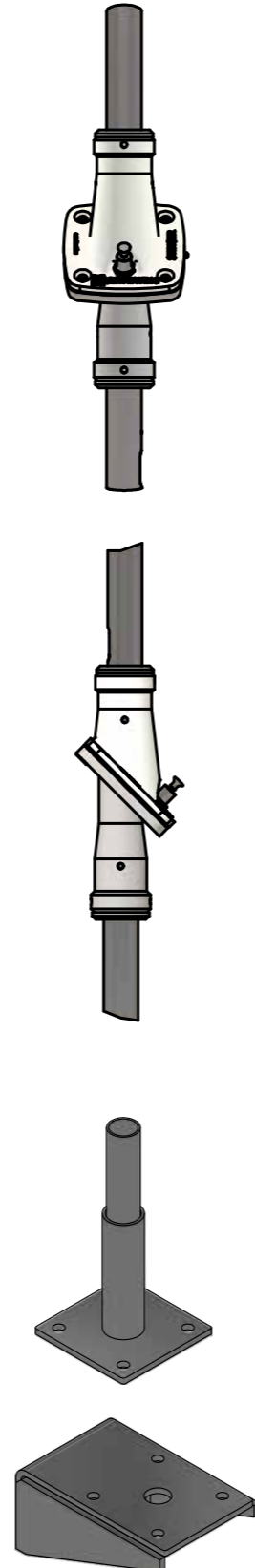


USS4-2400-BM  
USS4-3000-BM

STINGER 45° POLE 40NB/50NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS4-2400-BM	USS4-3000-BM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB04 + USB02	MB04 + USB02

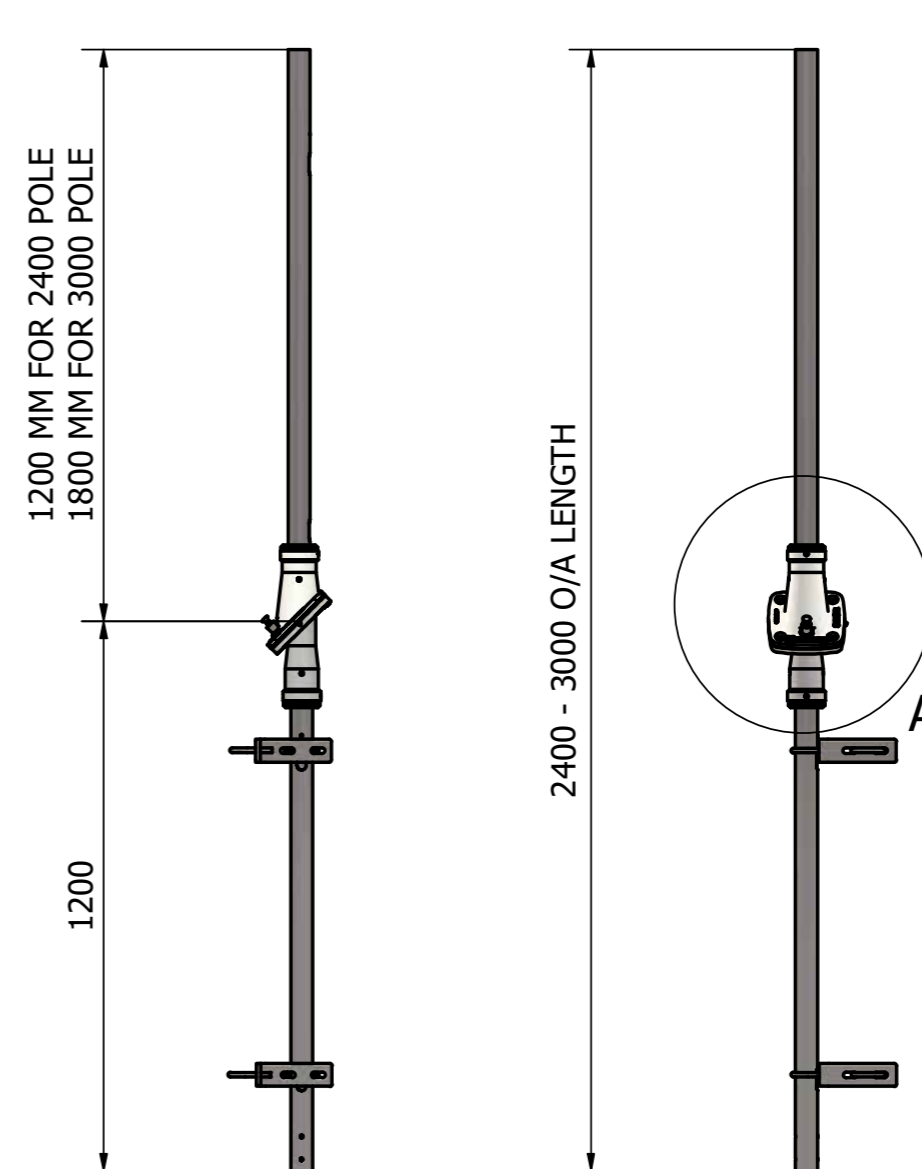


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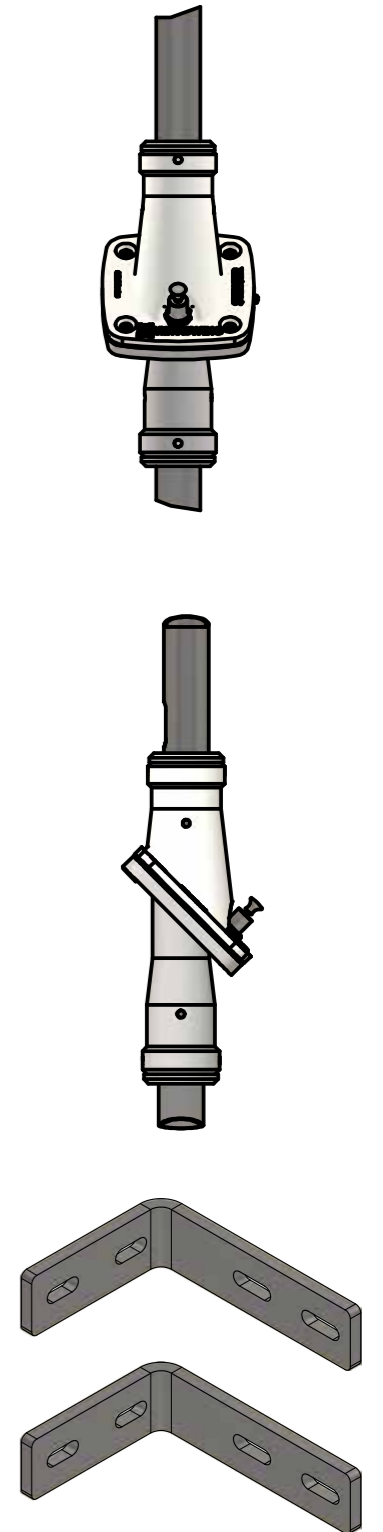


USS4-2400-HRM  
USS4-3000-HRM

STINGER 45° POLE 40NB/50NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS4-2400-HRM	USS4-3000-HRM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	40NB U-BOLTS X 2	40NB U-BOLT X 2
	50NB U-BOLTS X 2	50NB U-BOLTS X 2

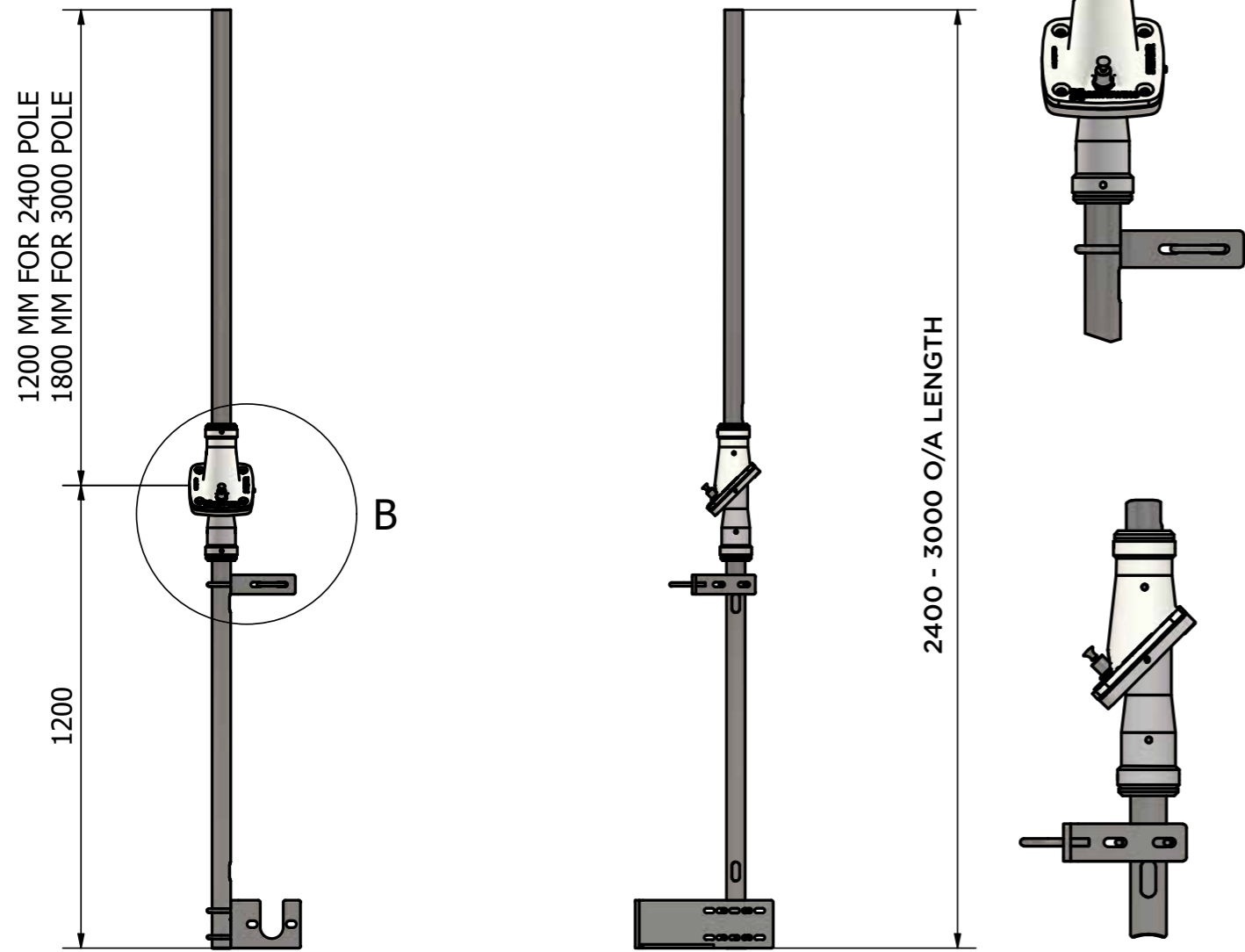


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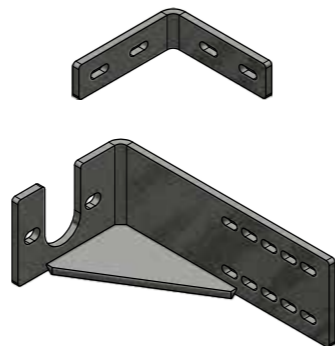


USS4-2400-SM  
USS4-3000-SM

STINGER 45° POLE 40NB/50NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS4-2400-SM	USS4-3000-SM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US4012	US4018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	50NB U-BOLTS X 3	50NB U-BOLT X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

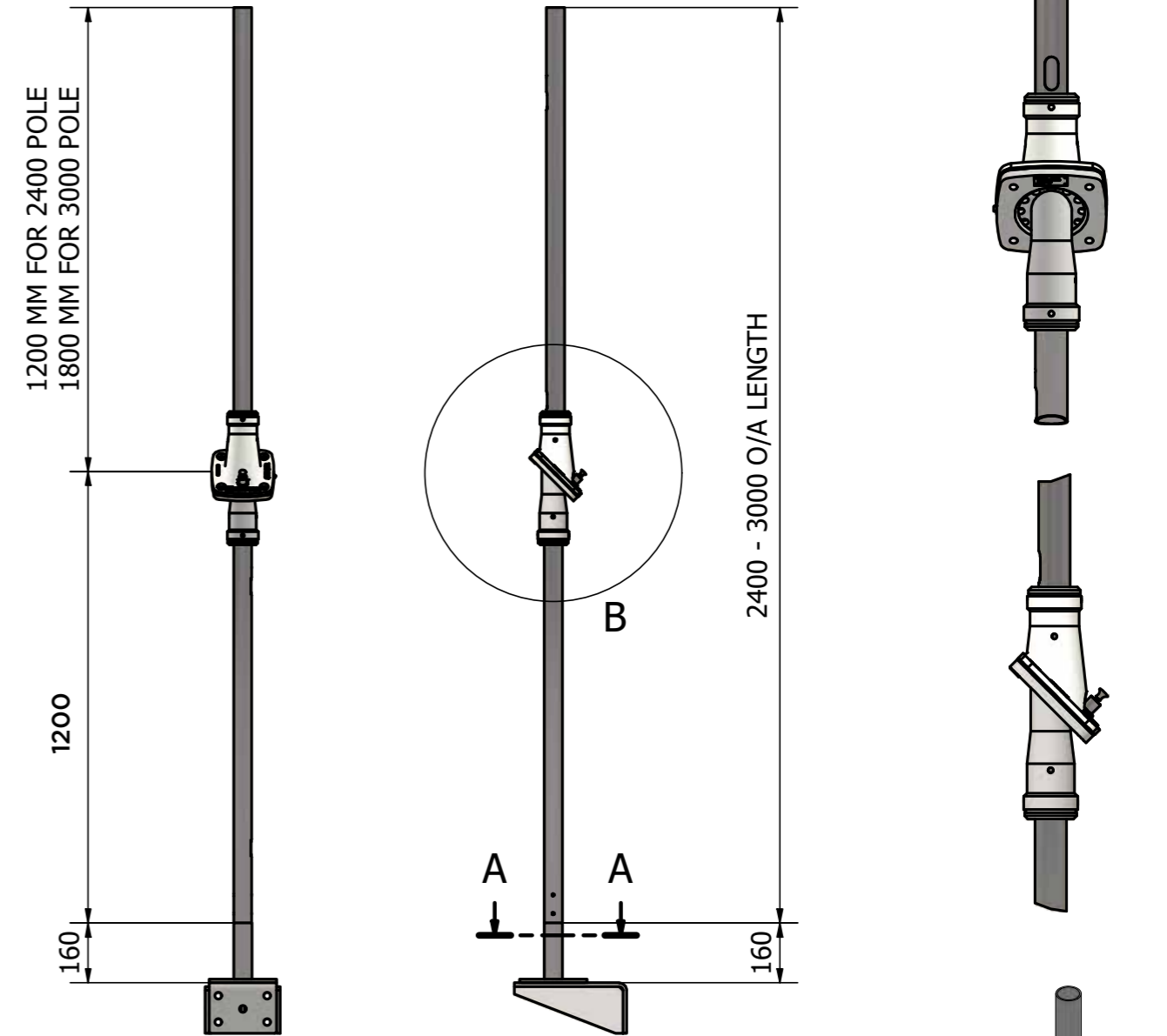


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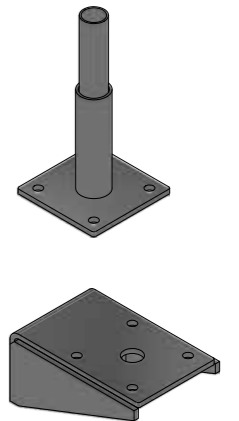


USS5-2400-BM  
USS5-3000-BM

STINGER 45° POLE 50NB/50NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS5-2400-BM	USS5-3000-BM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US5012	US5018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB04 + USB02	MB04 + USB02

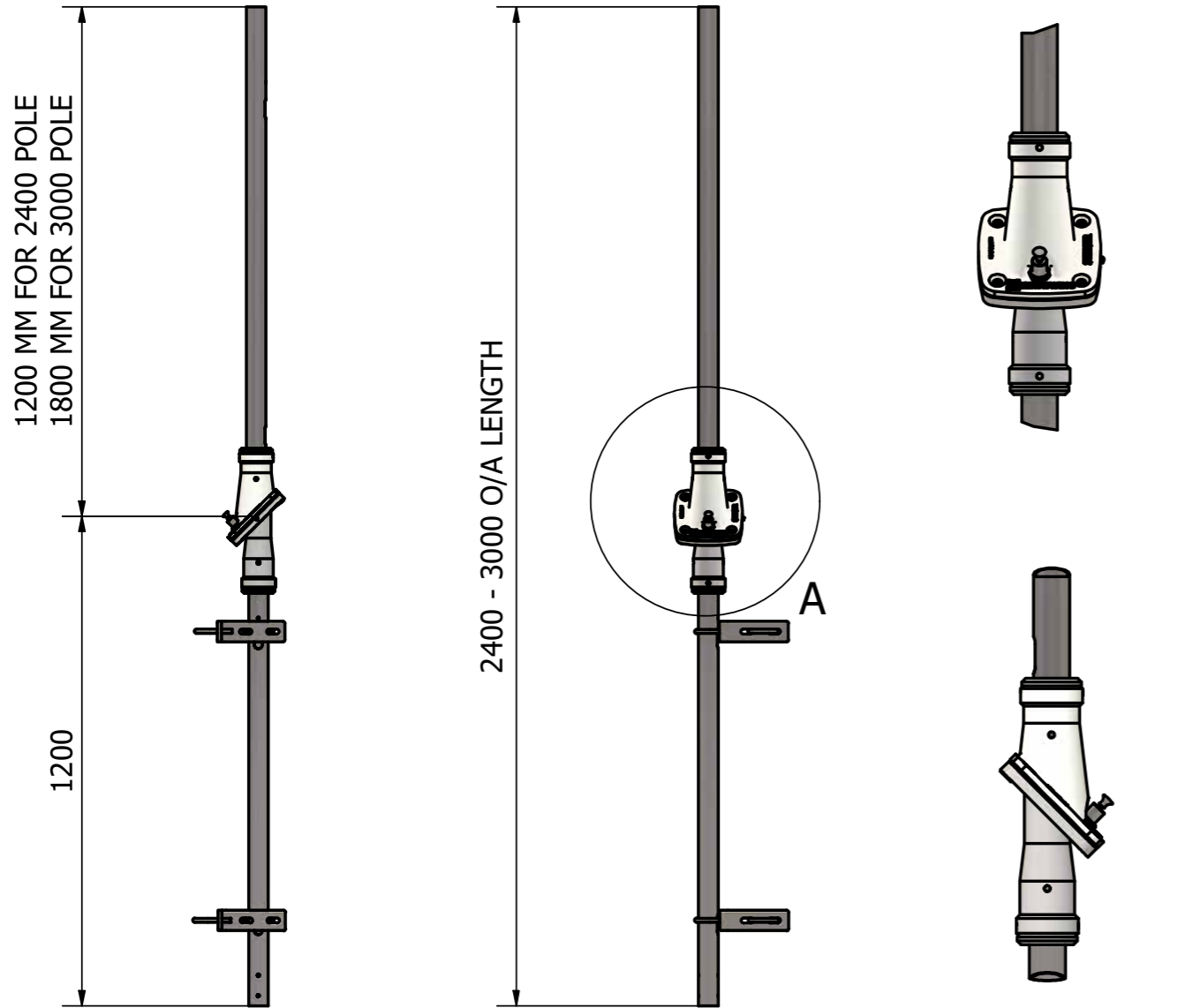


# ULTRASWING STANDARD KITS

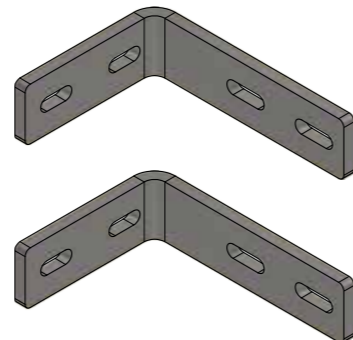


USS5-2400-HRM  
USS5-3000-HRM

STINGER 45° POLE 50NB/50NB HANDRAIL MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS5-2400-HRM	USS5-3000-HRM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US5012	US5018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	50NB U-BOLTS X 2	50NB U-BOLT X 2
	40NB U-BOLTS X 2	40NB U-BOLTS X 2



## LED LIGHTING FOR MINING & INDUSTRY

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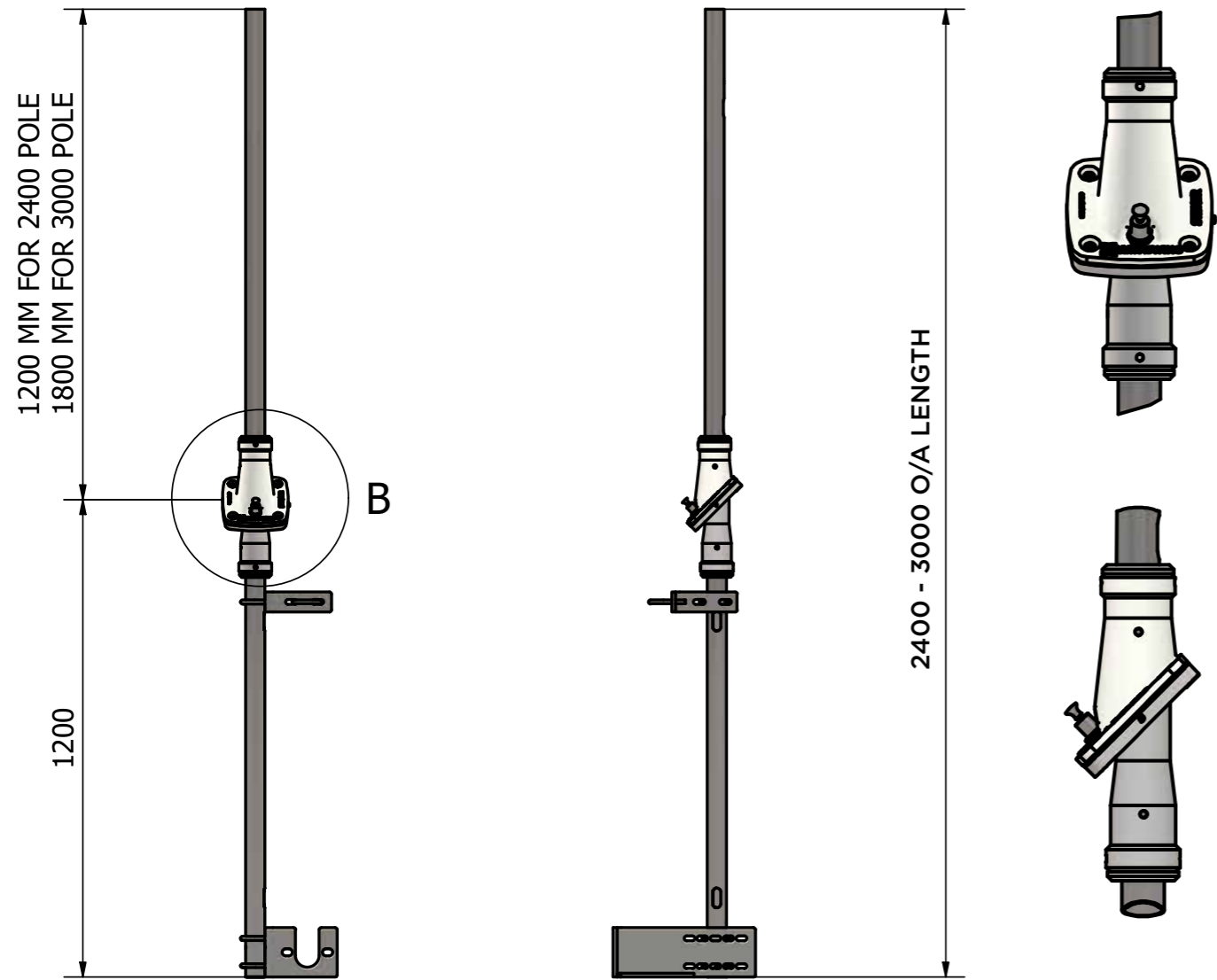


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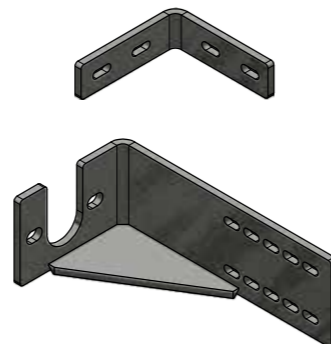


USS5-2400-SM  
USS5-3000-SM

STINGER 45° POLE 50NB/50NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS5-2400-SM	USS5-3000-SM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US5012	US5018
LOWER POLE	US5011	US5011
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	50NB U-BOLTS X 3	50NB U-BOLTS X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

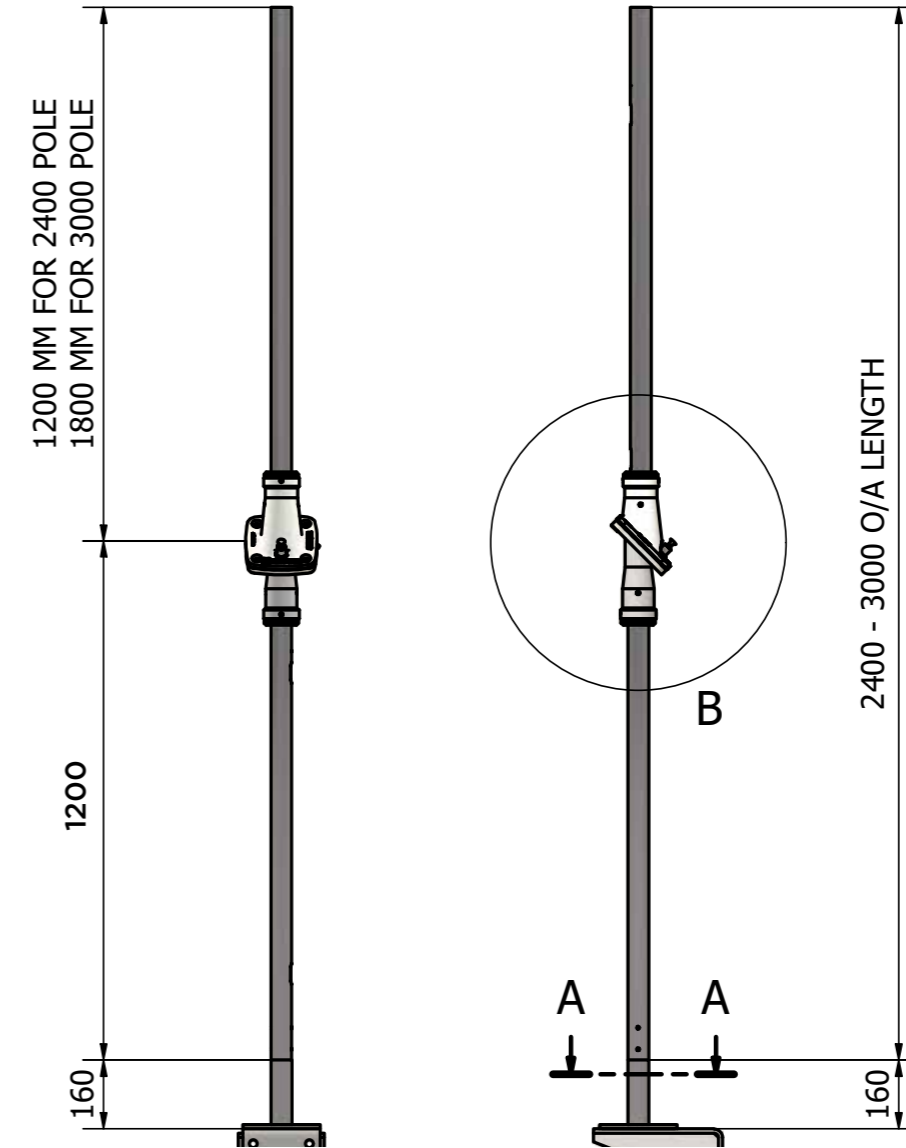


# ULTRASWING STANDARD KITS

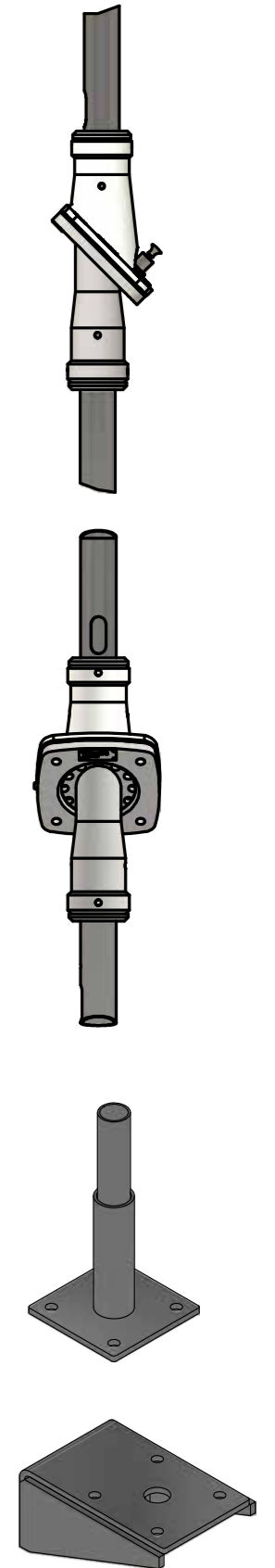


USS6-2400-BM  
USS6-3000-BM

STINGER 45° POLE 50NB/65NB BASE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS6-2400-BM	USS6-3000-BM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US5012	US5018
LOWER POLE	US6511	US6511
MOUNTING BRACKET	MB04 + USB03	MB04 + USB03

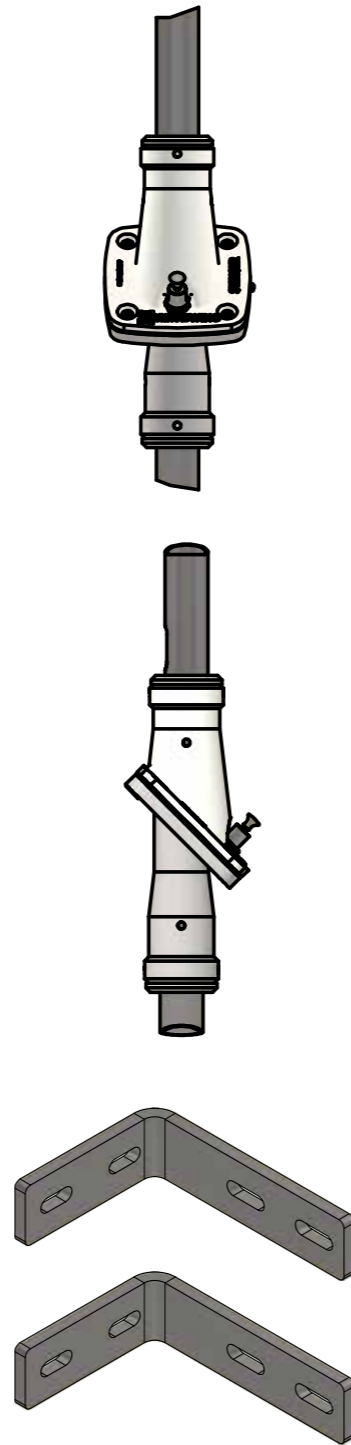
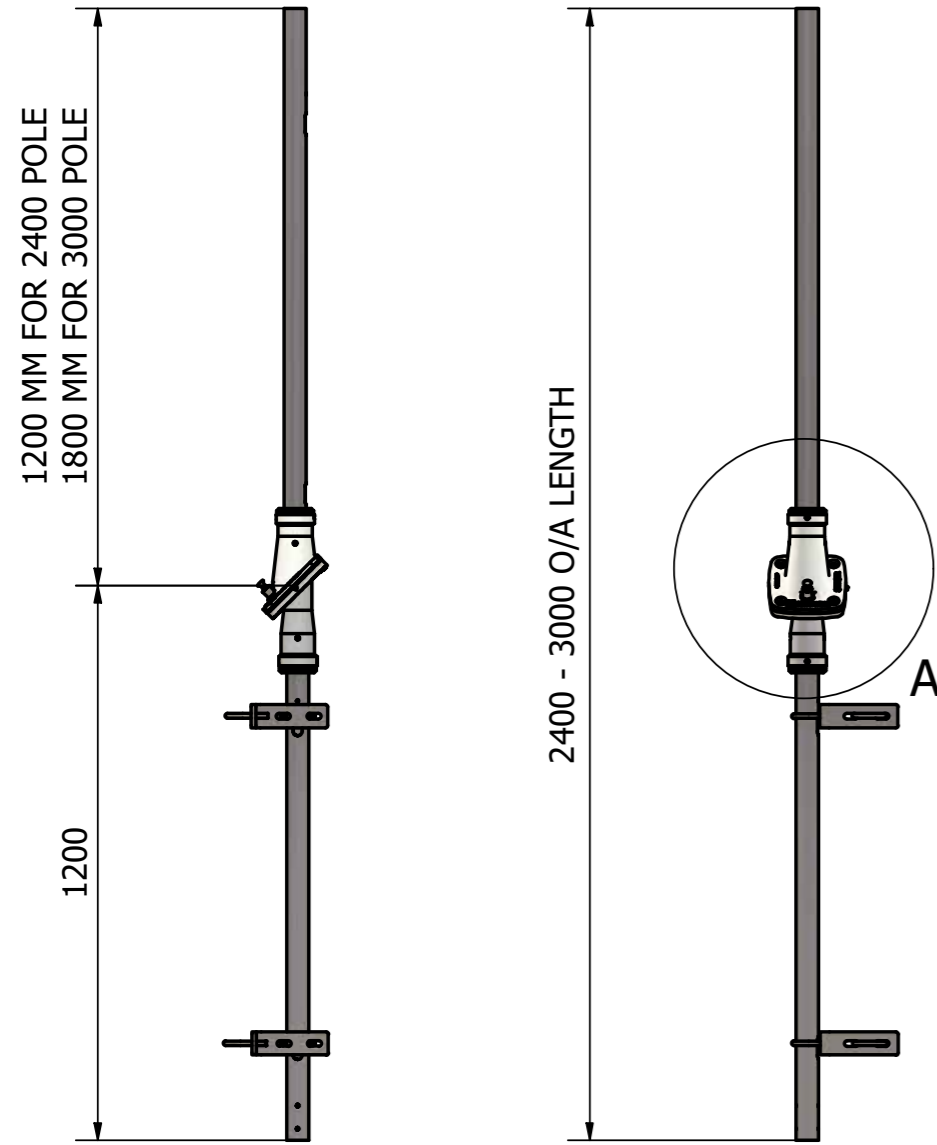


# ULTRASWING STANDARD KITS



USS6-2400-HRM  
USS6-3000-HRM

STINGER 45° POLE 50NB/65NB HANDRAIL MOUNT POLE



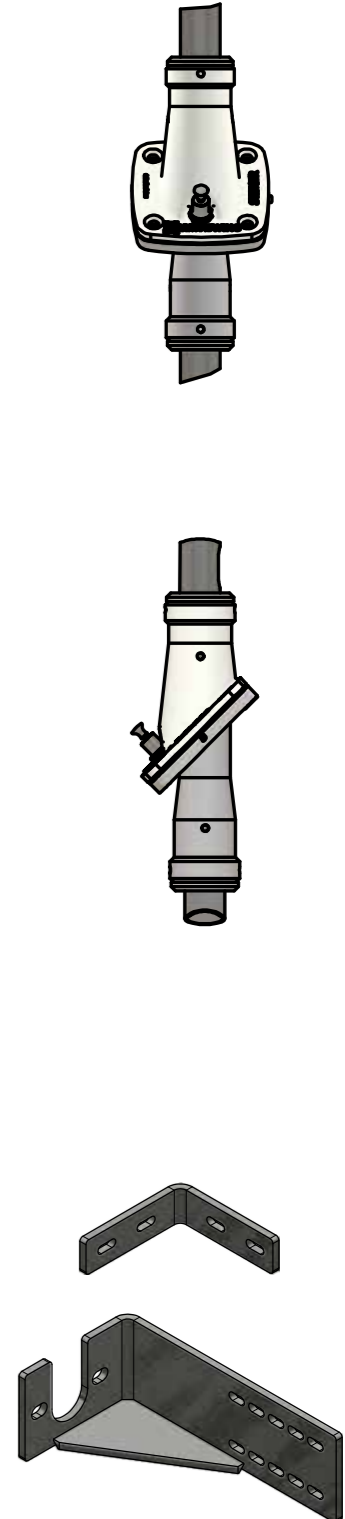
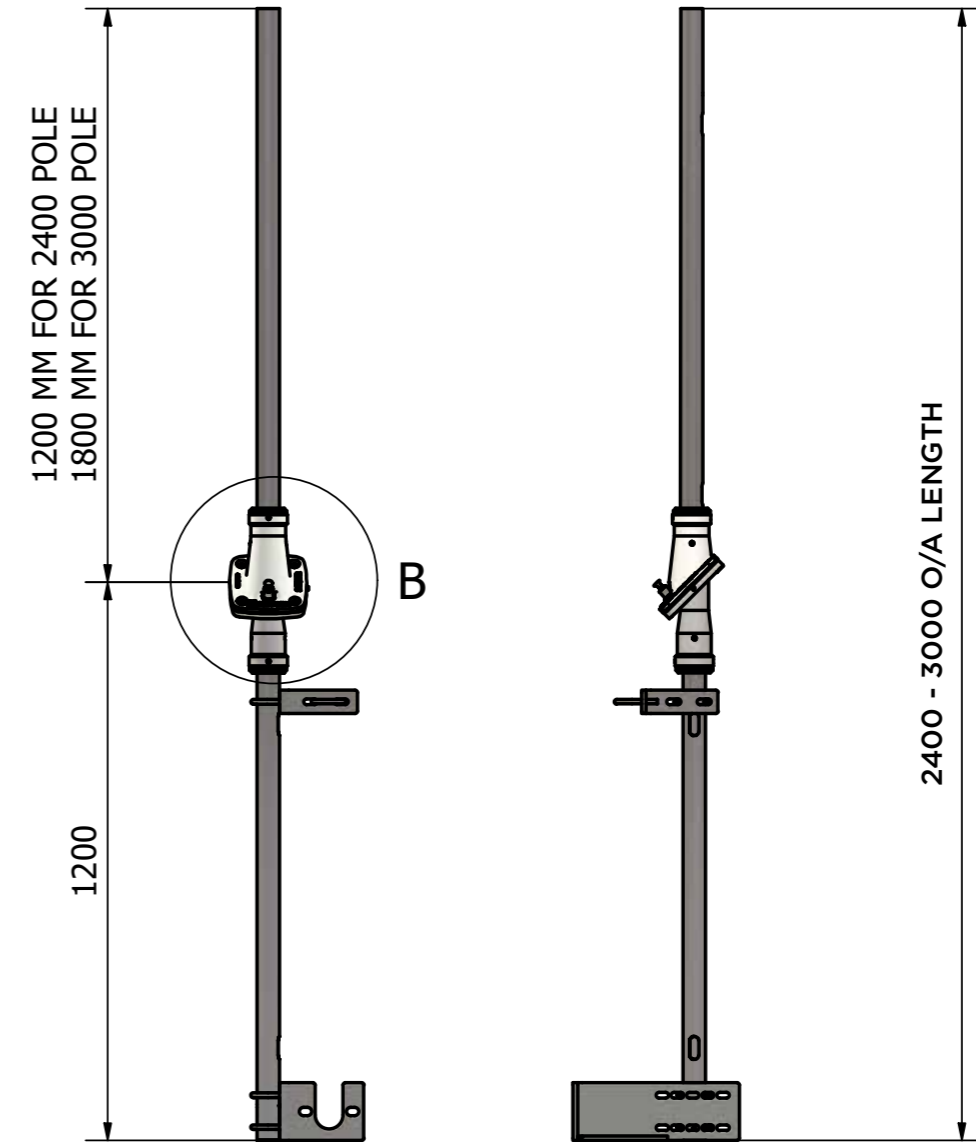
PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS6-2400-HRM	USS6-3000-HRM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US5012	US5018
LOWER POLE	US6511	US6511
MOUNTING BRACKET	MB06 X 2	MB06 X 2
ACCESSORIES	65NB U-BOLTS X 2	65NB U-BOLT X 2
	40NB U-BOLTS X 2	40NB U-BOLTS X 2

# ULTRASWING STANDARD KITS



USS6-2400-SM  
USS6-3000-SM

STINGER 45° POLE 50NB/65NB STRUCTURE MOUNT POLE



PART KIT		
ITEMS	DESCRIPTION	DESCRIPTION
PART No.	USS6-2400-SM	USS6-3000-SM
MECHANISM	USS-MS	USS-MS
UPPER POLE	US5012	US5018
LOWER POLE	US6511	US6511
MOUNTING BRACKET	MB02	MB02
ACCESSORIES	65NB U-BOLTS X 3	65NB U-BOLTS X 3
	40NB U-BOLTS X 1	40NB U-BOLTS X 1

# 2

## ULTRASWING POLE MECHANISMS

Ultraswing™ Hornet, Stinger and Wasp series are produced by investment casting moulds, which provide superior lowering pole technology utilizing our patented technology.

The Hornet, Stinger and Wasp Series provides tool-less lowering which increases benefits in cost of maintenance, long term operation and safety during operation. This product is 'one' person lowering with integrated safety stops.

- Increase operation time,
- Increase personnel safety and risk reduction.
- Lower your costs
- Reduce on-site lifting + access equipment



*Tool-less*  
**LOWERING POLE**  
*Technology*

## USHJ

90° SWING POLE ARRANGEMENT (360° ROTATION)

### TYPICAL APPLICATIONS

Ideal for mining & industrial applications, lighting on Walkways, Platforms, Stairways, Spiral Stairways, Roof Tops, Conveyors.

### FEATURES + BENEFITS

#### TOOL-LESS OPERATION

The Hornet Junior's unique patented technology and load rated release plunger removes the need for bolts, washers, nuts and the requirement of spanners.

#### ZERO CLASH ZONES

The Hornet's 360° rotational capability, allow the pole to be positioned anywhere within 360 degrees providing complete flexibility on lowering and removal of clash zones.

#### SAFETY

The safety lowering pole stops during lowering function. The pole will lock into pre-designated locking points reducing the risk of the pole sliding at high speeds and reduction of weights.

#### REDUCED INSTALLATION

Modular connectivity hardware reduces site installation time. Combined with our installation mechanism requires one person only.

#### OPERATION

One person operation.

#### ACCESSORIES

Ultraswing™ has an extensive range of Spigots, Accessories, Adaptors & Mounting Hardware to suit a wide range of applications.

### WIND REGIONS

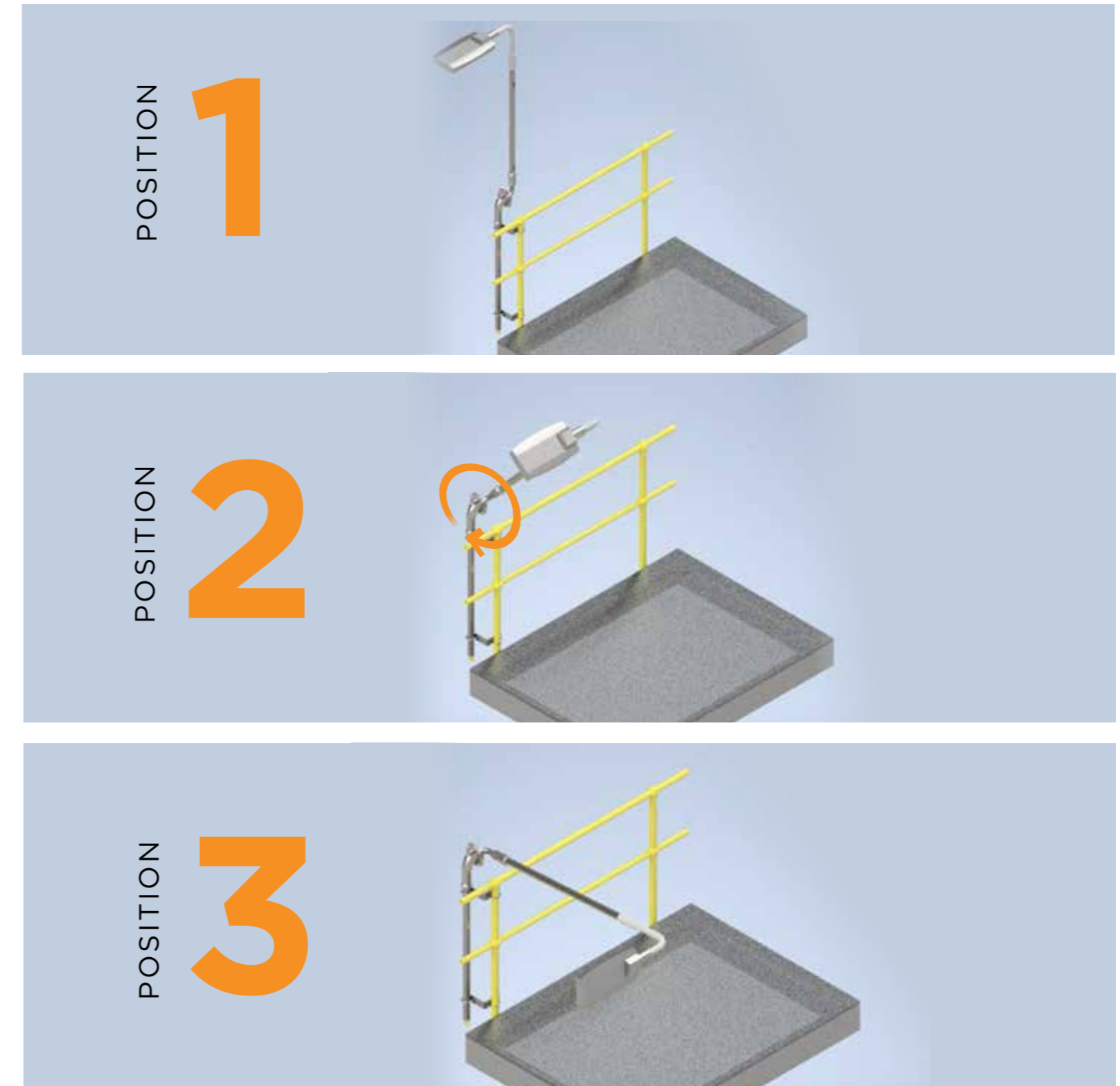
Suitable for Wind Regions **A, B, C, D** on Application



## USHJ

90° SWING POLE ARRANGEMENT (360° ROTATION)

### SWING ZONE OPTIONS



### POLE SELECTION GUIDE

MECHANISM	SUITABLE LOWER POLES	SUITABLE UPPER POLES
USHJ	US4011, US5011, US6511	US3212, US3212F, US3218, US3218F, US4012, US4018, US4028, US5012

# HORNET



## USH

90° SWING POLE ARRANGEMENT

### TYPICAL APPLICATIONS

Ideal for mining & industrial applications, lighting on Walkways, Platforms, Stairways, Spiral Stairways, Roof Tops, Conveyors.

### FEATURES + BENEFITS

#### TOOL-LESS OPERATION

The Hornet's unique patented technology and load rated release plunger removes the need for bolts, washers, nuts and the requirement of spanners.

#### ZERO CLASH ZONES

The Hornet's 360° rotational capability, allow the pole to be positioned anywhere within 360 degrees providing complete flexibility on lowering and removal of clash zones.

#### SAFETY

The safety lowering pole stops during lowering function. The pole will lock into pre-designated locking points reducing the risk of the pole sliding at high speeds and reduction of weights.

#### REDUCED INSTALLATION

Modular connectivity hardware reduces site installation time. Combined with our installation mechanism requires one person only.

#### OPERATION

One person operation.

#### ACCESSORIES

Ultraswing™ has an extensive range of Spigots, Accessories, Adaptors & Mounting Hardware to suit a wide range of applications.

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application



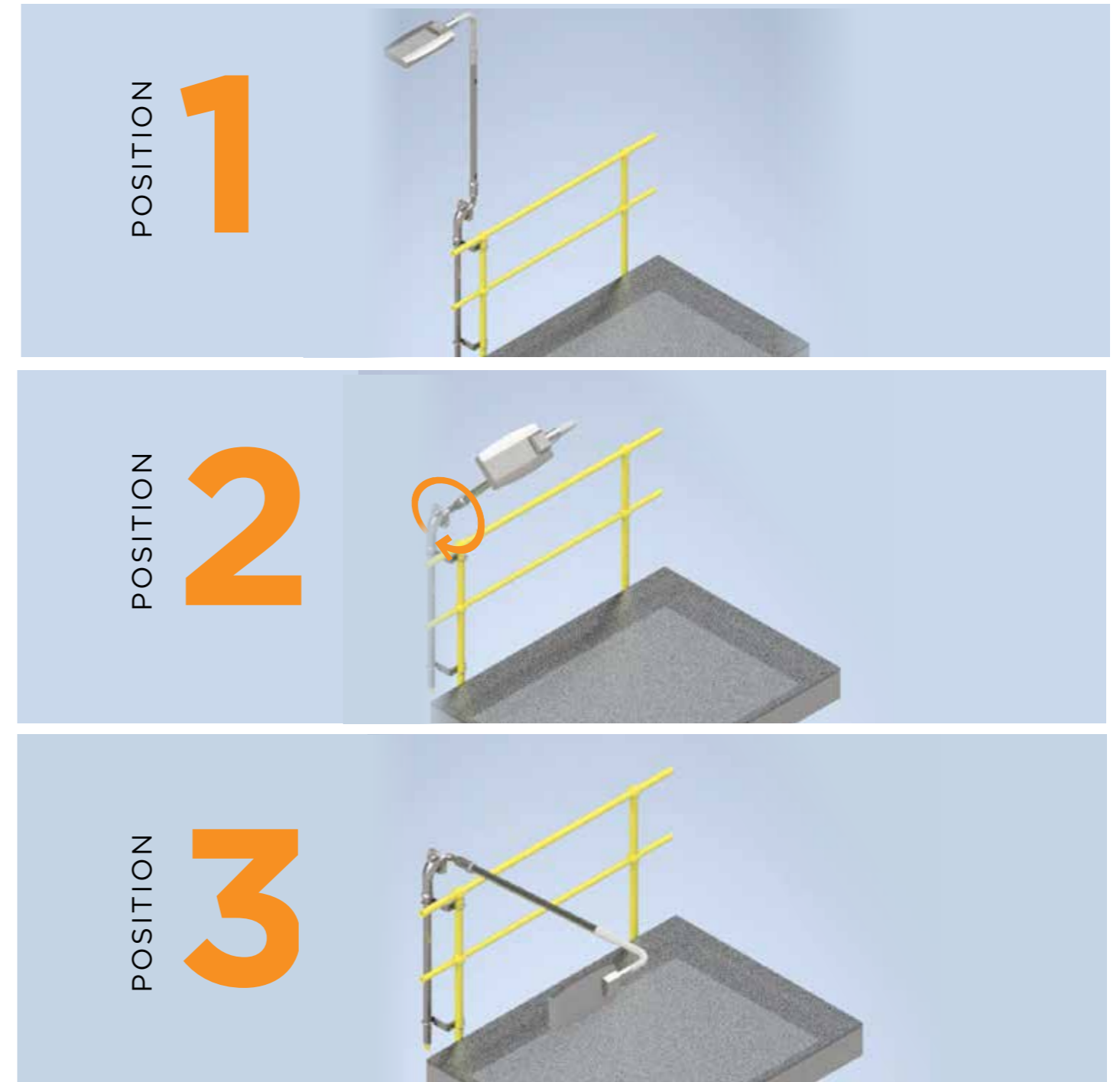
# HORNET



## USH

90° SWING POLE ARRANGEMENT

### SWING ZONE OPTIONS



### POLE SELECTION GUIDE

MECHANISM	SUITABLE LOWER POLES	SUITABLE UPPER POLES
USH	US4011, US5011, US6511	US4012, US4018, US4028, US5012, US5018





## USSJ

45° SWING POLE ARRANGEMENT

### TYPICAL APPLICATIONS

Ideal for lighting in mining applications  
Walkways, Platforms, Stairways, Spiral  
Stairways, Roof Tops, Conveyors.

### FEATURES + BENEFITS

#### TOOL-LESS OPERATION

The Stinger's unique patented load rated  
Release Plunger removes the need for  
bolts, washers, nuts and the requirement  
of spanners.

#### SAFETY

The safety lowering pole stops during  
lowering function. The pole will lock into  
pre-designated locking points reducing  
the risk of the pole sliding at high speeds  
and reduction of weights.

#### REDUCED INSTALLATION

Modular connectivity hardware reduces  
site installation time. Combined with  
our installation mechanism requires one  
person only.

#### OPERATION

One person operation.

#### ACCESSORIES

Ultraswing™ has an extensive range  
of Spigots, Accessories, Adaptors &  
Mounting Hardware to suit a wide range  
of applications.

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D**  
on Application



## USSJ

45° SWING POLE ARRANGEMENT

### SWING ZONE OPTIONS



### POLE SELECTION GUIDE

MECHANISM	SUITABLE LOWER POLES	SUITABLE UPPER POLES
USSJ	US4011, US5011, US6511	US3212, US3212F, US3218, US3218F, US4012, US4018, US4028, US5012

## USSM

45° SWING POLE ARRANGEMENT LIGHT WEIGHT APPLICATIONS <10KG

### TYPICAL APPLICATIONS

Ideal for lighting in mining applications  
Walkways, Platforms, Stairways, Spiral  
Stairways, Roof Tops, Conveyors.

### FEATURES + BENEFITS

#### TOOL-LESS OPERATION

The Stinger MICRO'S unique patented load rated Release Plunger removes the need for bolts, washers, nuts and the requirement of spanners.

#### SAFETY

The safety lowering pole stops during lowering function. The pole will lock into pre-designated locking points reducing the risk of the pole sliding at high speeds and reduction of weights.

#### REDUCED INSTALLATION

Modular connectivity hardware reduces site installation time. Combined with our installation mechanism requires one person only.

#### OPERATION

One person operation.

#### ACCESSORIES

Ultraswing™ has an extensive range of Spigots, Accessories, Adaptors & Mounting Hardware to suit a wide range of applications.

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D**  
on Application



## USSM

45° SWING POLE ARRANGEMENT LIGHT WEIGHT APPLICATIONS <10KG

### SWING ZONE OPTIONS



### POLE SELECTION GUIDE

MECHANISM	LOWER POLE	UPPER POLE
USSM	US3211, US4011	US3212, US3212F, US3218, US3218F

## USS

45° SWING POLE ARRANGEMENT

### TYPICAL APPLICATIONS

Ideal for lighting in mining applications  
Walkways, Platforms, Stairways, Spiral  
Stairways, Roof Tops, Conveyors.

### FEATURES + BENEFITS

#### TOOL-LESS OPERATION

The Stinger's unique patented load rated  
Release Plunger removes the need for  
bolts, washers, nuts and the requirement  
of spanners.

#### SAFETY

The safety lowering pole stops during  
lowering function. The pole will lock into  
pre-designated locking points reducing  
the risk of the pole sliding at high speeds  
and reduction of weights.

#### REDUCED INSTALLATION

Modular connectivity hardware reduces  
site installation time. Combined with  
our installation mechanism requires one  
person only.

#### OPERATION

One person operation.

#### ACCESSORIES

Ultraswing™ has an extensive range  
of Spigots, Accessories, Adaptors &  
Mounting Hardware to suit a wide range  
of applications.

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D**  
on Application



## USS

45° SWING POLE ARRANGEMENT

### SWING ZONE OPTIONS



### POLE SELECTION GUIDE

MECHANISM	SUITABLE LOWER POLES	SUITABLE UPPER POLES
USS	US4011, US5011, US6511	US4012, US4018, US4028, US5012, US5018

## USW

### SWING POLE ARRANGEMENT

#### TYPICAL APPLICATIONS

Ideal for lighting on Walkways, Platforms, Stairways, Spiral Stairways, Roof Tops, Conveyors.

#### FEATURES + BENEFITS

##### TOOL-LESS OPERATION

The Wasp's unique patented load rated Release Plunger removes the need for bolts, washers, nuts and the requirement of spanners.

##### SAFETY

The Wasp Mechanisms allows the operator the ability to move on the equipment on Horizontal and within reach of the operator.

##### REDUCED INSTALLATION

Modular connectivity hardware reduces site installation time. Combined with our installation mechanism requires one person only.

##### OPERATION

One person operation.

##### ACCESSORIES

Ultraswing™ has an extensive range of Spigots, Accessories, Adaptors & Mounting Hardware to suit a wide range of applications.

#### WIND REGIONS

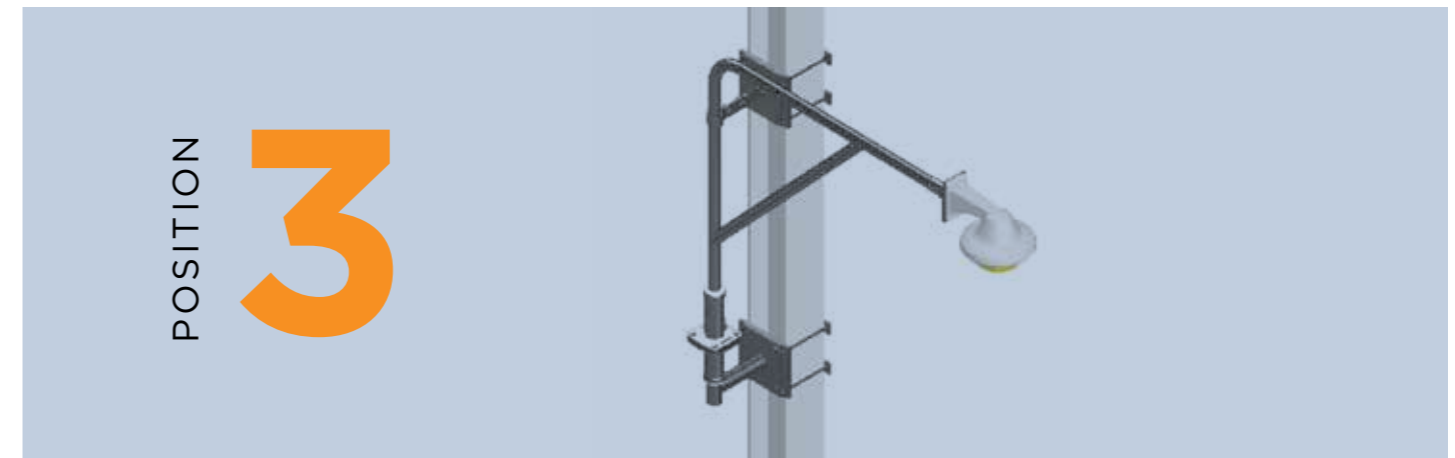
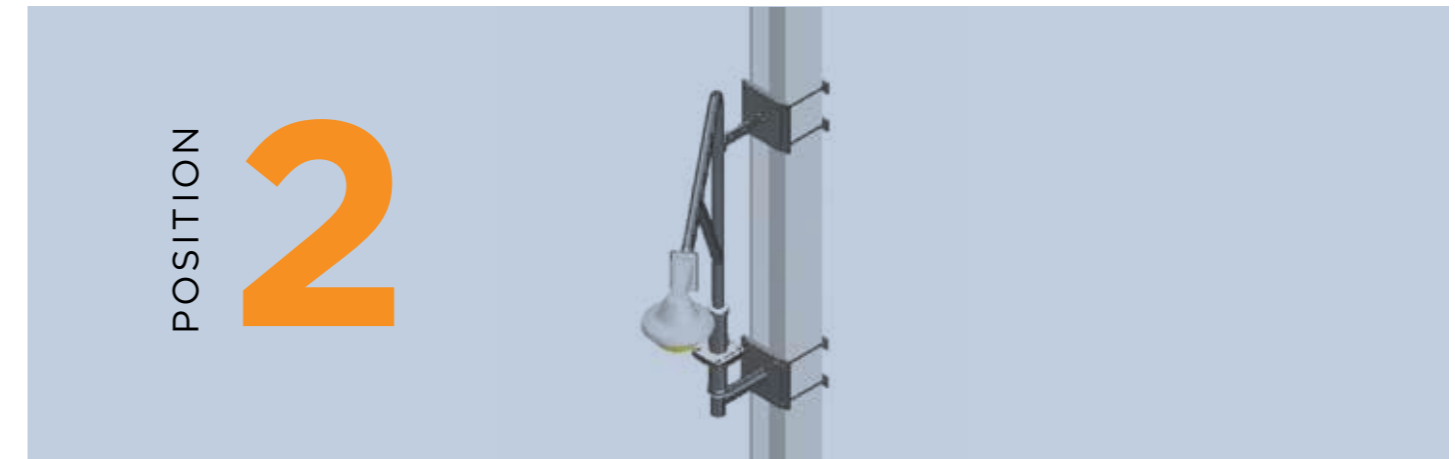
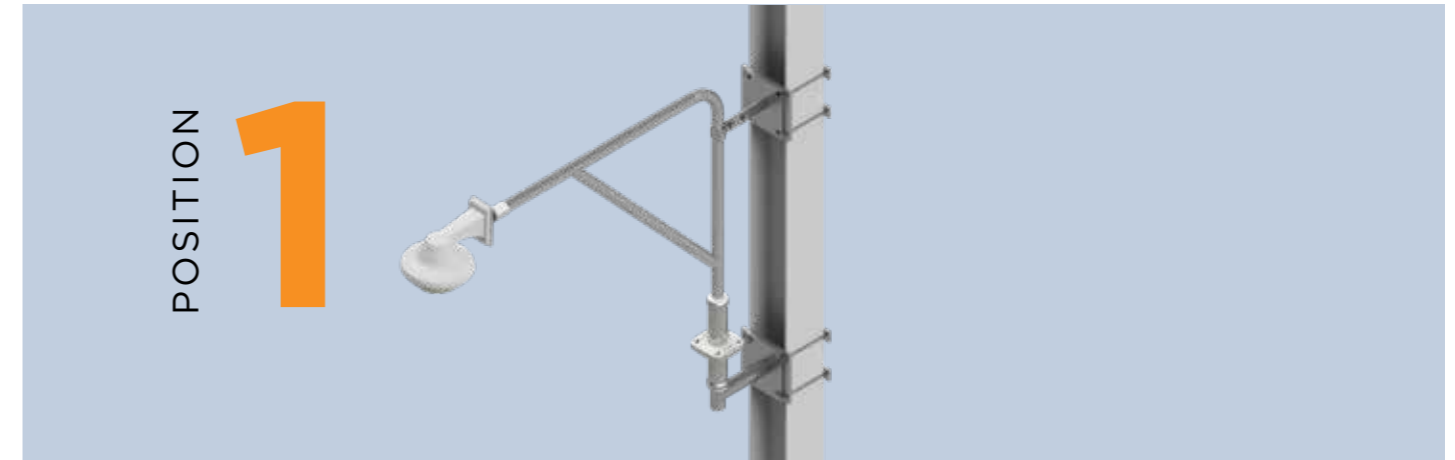
Suitable for Wind Regions **A, B, C, D** on Application



## USW

### SWING POLE ARRANGEMENT

#### SWING ZONE OPTIONS



#### POLE SELECTION GUIDE

MECHANISM	LOWER POLE	UPPER POLE
USW	US4011, US5011, US6511	US321290, US321212

# 3

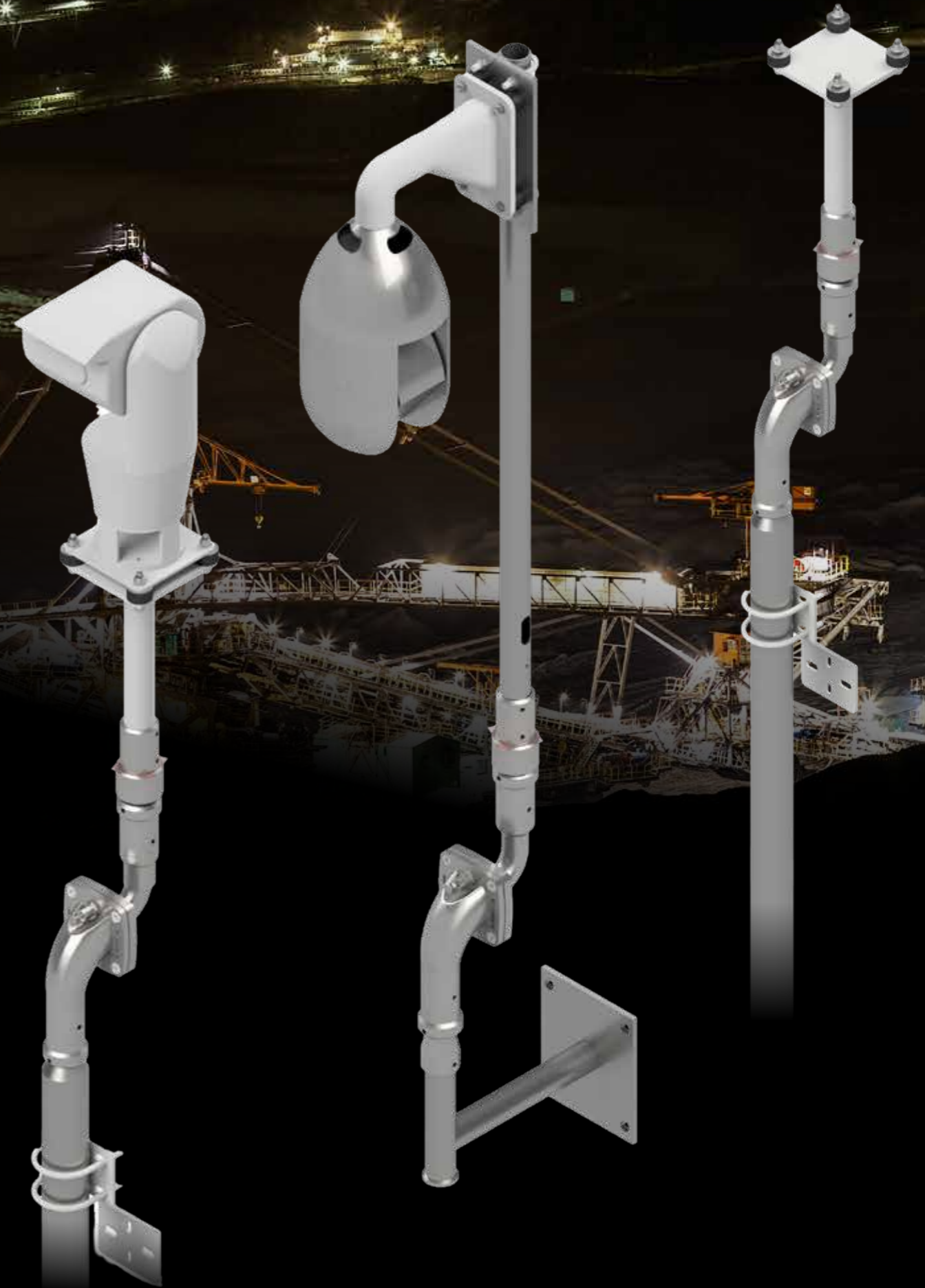
VIBRATION  
POLES

CAMERA  
MOUNTS

CAMERA  
INTERFACE  
BRACKETS

The Ultraswing™ High Vibration Pole (HVP) is designed to Conquer extreme vibration applications. Crafted to endure and excel in environments challenged by relentless Vibrations. Our HVP stands tall as the ultimate companion in Crushing Plants, Conveyors, Transfer stations and Autonomous trucks.

The Ultraswing™ Vibration Pole top can be matched with Column Mount, Handrail Mount and Structure mount pole kits and is suitable for CCTV and Lighting Applications



# VIBRATION POLES

## VP01

### VIBRATION POLES



#### TYPICAL APPLICATIONS

Introducing the Ultraswing™ High Vibration Pole (HVP), engineered to conquer the most extreme vibration applications. In environments challenged by relentless vibrations, the Ultraswing™ HVP is your steadfast solution, meticulously crafted to endure and excel.

Standing tall as the ultimate companion for Crushing Plants, Conveyors, Transfer Stations, and Autonomous Trucks, our HVP is a pinnacle of resilience and reliability. Its design is tailored to tackle the harshest conditions, ensuring unwavering stability amid intense vibrations.

The versatility of the Ultraswing™ Vibration Pole top is unmatched. Pair it seamlessly with Column Mount, Handrail Mount, and Structure Mount pole kits. Whether it's for CCTV or Lighting Applications, the Ultraswing™ HVP adapts effortlessly to your specific needs, offering a comprehensive solution for various industrial setups.

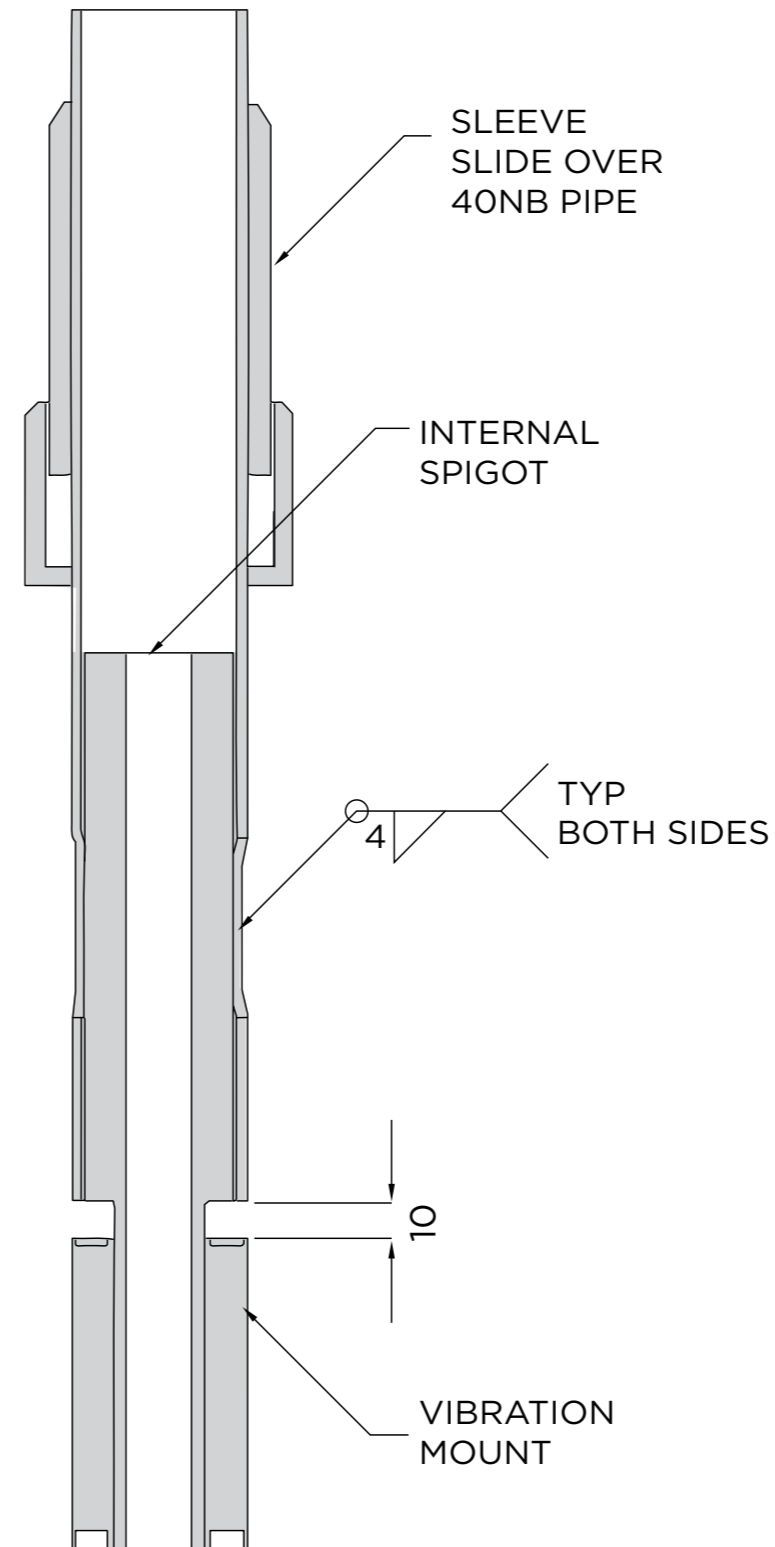
Invest in a superior level of durability and adaptability. The Ultraswing™ HVP redefines stability and functionality in the face of unyielding vibrations, providing unwavering support for your critical infrastructure and applications.

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application



# VIBRATION POLES



# CAMERA INTERFACE BRACKETS



<p>SINGLE CAMERA INTERFACE PLATE <b>US-CIFP-1</b></p>	<p>SINGLE CAMER INTERFACE BRACKET <b>US-CIFP-2</b></p>	<p>DUAL CAMERA INTERFACE PLATE <b>US-CIFP-3</b></p>
<p>SINGLE CAMERA INTERFACE BRACKET SUIT 40NB POLE <b>US-CIFP-4</b></p>	<p>CAMERA INTERFACE BRACKET SUITS 50NB PPOLE TOP <b>US-CIFB-01</b></p>	<p>DUAL CAMERA INTERFACE BRACKET SUITS 50NB PPOLE TOP <b>US-CIFB-02</b></p>
<p>DUAL CAMERA INTERFACE BRACKET SUITS 50NB PPOLE TOP <b>US-CIFB-03</b></p>	<p>QUAD CAMERA INTERFACE BRACKET SUITS 50NB PPOLE TOP <b>US-CIFB-04</b></p>	<p>SINGLE CAMERA INTERFACE BRACKET SUIT 65NB POLE WITH VIBRATION MOUNT <b>US-CIFB-05</b></p>

# CAMERA INTERFACE BRACKETS



<p>SINGLE CAMERA MOUNT FOR TAPERED POLES <b>US-HCIFB-01</b></p>	<p>DOUBLE CAMERA MOUNT FOR TAPERED POLES <b>US-HCIFB-02</b></p>	<p>TRIPLE CAMERA MOUNT FOR TAPERED POLES <b>US-HCIFB-03</b></p>



# 4

## ACCESSORIES

TOP AND BOTTOM  
POLE SECTIONS

JUNCTION BOX  
BRACKETS

MOUNTING  
BRACKETS

BASES

WALL MOUNT  
BRACKETS

COLUMN MOUNT  
PLATES ACCESSORIES

SPIGOT

ATTACHMENTS ADAPTER  
REDUCERS

ACCESSORIES



A full range of accessories  
to suit the Ultraswing™ pole  
range.



# TOP AND BOTTOM POLE SECTIONS



## UPPER POLE SECTIONS

HDG STEEL POLES				
PRODUCT	DESCRIPTION	PIPE SIZE	LENGTH	MECHANISM
US3212	UPPER POLE	32NB	1200MM	USHJ / USSJ / USSM
US3218	UPPER POLE	32NB	1800MM	USHJ / USSJ / USSM
US4012	UPPER POLE	40NB	1200MM	USHJ / USSJ / USH / USS
US4018	UPPER POLE	40NB	1800MM	USHJ / USSJ / USH / USS
US5012	UPPER POLE	50NB	1200MM	USHJ / USSJ / USH / USS
US5018	UPPER POLE	50NB	1800MM	USHJ / USSJ / USH / USS
US3212F	UPPER POLE FIXED SPIGOT	32NB	1200MM	USHJ / USSJ / USSM
US3218F	UPPER POLE FIXED SPIGOT	32NB	1800MM	USHJ / USSJ / USSM
US321290	UPPER POLE 90°	32NB	1200mm x 900mm	USW
US321212	UPPER POLE 90°	32NB	1200mm x 1200mm	USW

STAINLESS STEEL POLES				
PRODUCT	DESCRIPTION	PIPE SIZE	LENGTH	MECHANISM
US3212-SS	UPPER POLE	32NB	1200MM	USHJ / USSJ / USSM
US3218-SS	UPPER POLE	32NB	1800MM	USHJ / USSJ / USSM
US4012-SS	UPPER POLE	40NB	1200MM	USHJ / USSJ / USH / USS
US4018-SS	UPPER POLE	40NB	1800MM	USHJ / USSJ / USH / USS
US5012-SS	UPPER POLE	50NB	1200MM	USHJ / USSJ / USH / USS
US5018-SS	UPPER POLE	50NB	1800MM	USHJ / USSJ / USH / USS
US3212F-SS	UPPER POLE FIXED SPIGOT	32NB	1200MM	USHJ / USSJ / USSM
US3218F-SS	UPPER POLE FIXED SPIGOT	32NB	1800MM	USHJ / USSJ / USSM

ANODIZED ALUMINIUM POLES				
PRODUCT	DESCRIPTION	PIPE SIZE	LENGTH	MECHANISM
US3212-AL	UPPER POLE	32NB	1200MM	USHJ / USSJ / USSM
US3218-AL	UPPER POLE	32NB	1800MM	USHJ / USSJ / USSM
US4012-AL	UPPER POLE	40NB	1200MM	USHJ / USSJ / USH / USS
US4018-AL	UPPER POLE	40NB	1800MM	USHJ / USSJ / USH / USS
US5012-AL	UPPER POLE	50NB	1200MM	USHJ / USSJ / USH / USS
US5018-AL	UPPER POLE	50NB	1800MM	USHJ / USSJ / USH / USS
US3212F-AL	UPPER POLE FIXED SPIGOT	32NB	1200MM	USHJ / USSJ / USSM
US3218F-AL	UPPER POLE FIXED SPIGOT	32NB	1800MM	USHJ / USSJ / USSM
US321290-AL	UPPER POLE 90°	32NB	1200mm x 900mm	USW
US321212-AL	UPPER POLE 90°	32NB	1200mm x 1200mm	USW

\*Custom pole sections available upon request



# TOP AND BOTTOM POLE SECTIONS



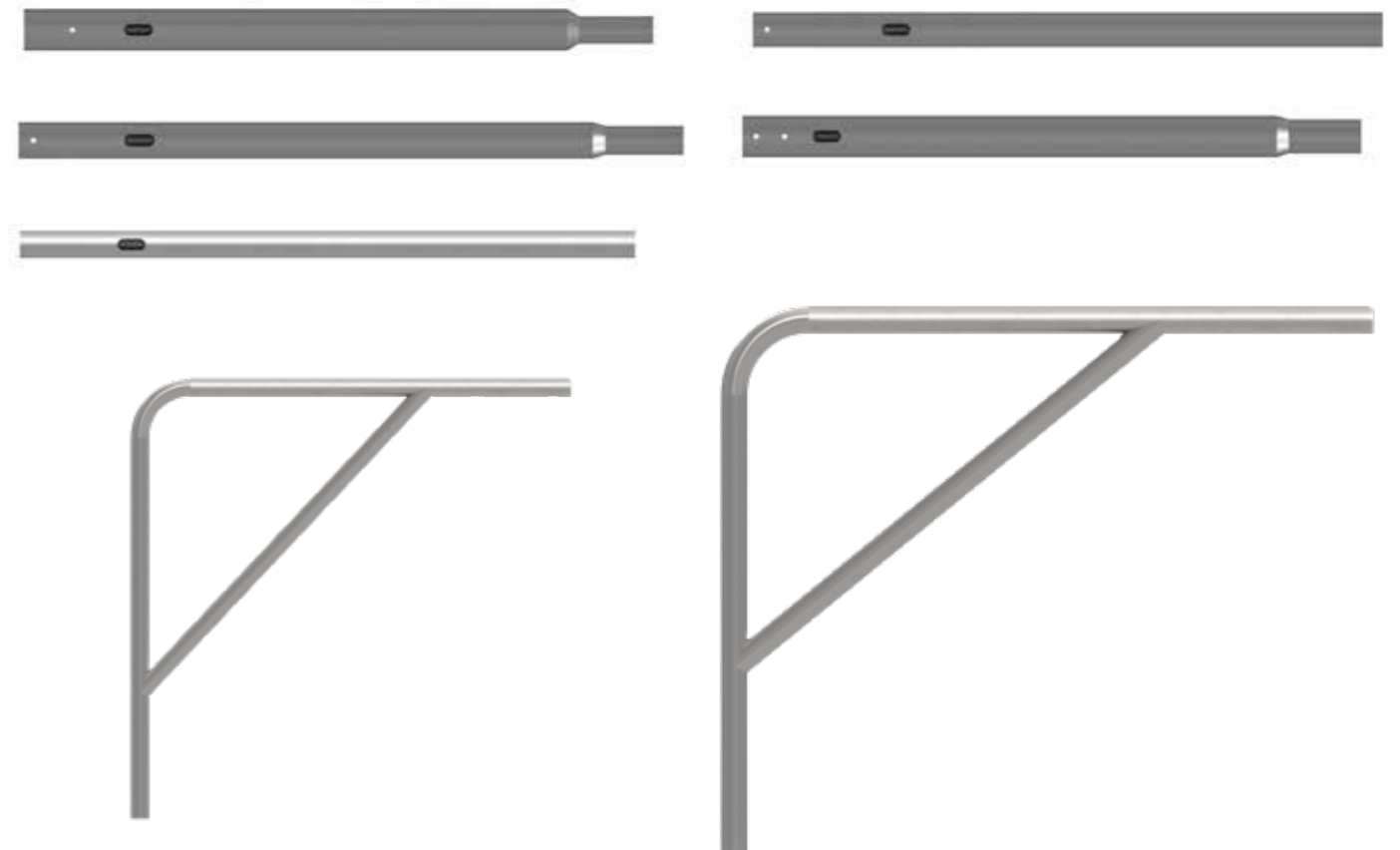
## LOWER POLE SECTIONS

HDG STEEL POLES				
PRODUCT	DESCRIPTION	PIPE SIZE	LENGTH	MECHANISM
US3211	LOWER POLE	32NB	1100MM	USHJ / USSJ / USH / USS / USW / USSM
US4011	LOWER POLE	40NB	1100MM	USHJ / USSJ / USH / USS / USW / USSM
US5011	LOWER POLE	50NB	1100MM	USHJ / USSJ / USH / USS / USW
US6511	LOWER POLE	60NB	1100MM	USHJ / USSJ / USH / USS / USW

STAINLESS STEEL POLES				
PRODUCT	DESCRIPTION	PIPE SIZE	LENGTH	MECHANISM
US4011-SS	LOWER POLE	40NB	1100MM	USHJ / USSJ / USH / USS / USW
US5011-SS	LOWER POLE	50NB	1100MM	USHJ / USSJ / USH / USS / USW
US6511-SS	LOWER POLE	60NB	1100MM	USHJ / USSJ / USH / USS / USW

ANODIZED ALUMINIUM POLES				
PRODUCT	DESCRIPTION	PIPE SIZE	LENGTH	MECHANISM
US4011-AL	LOWER POLE	40NB	1100MM	USHJ / USSJ / USH / USS / USW
US5011-AL	LOWER POLE	50NB	1100MM	USHJ / USSJ / USH / USS / USW
US6511-AL	LOWER POLE	60NB	1100MM	USHJ / USSJ / USH / USS / USW

\*Custom pole sections available upon request



**\*Add prefix NS to part numbers for non slotted upper pole sections required example: US3012/NS**

# JUNCTION BOX BRACKETS



# JUNCTION BOX BRACKETS



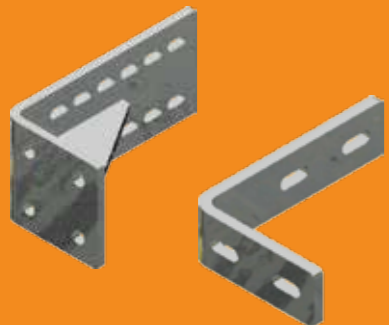


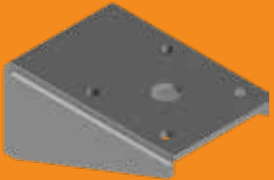


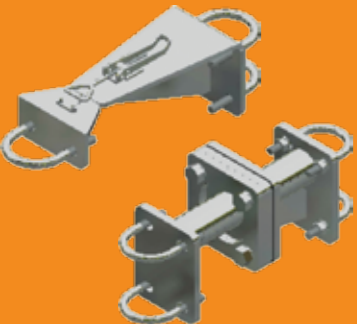

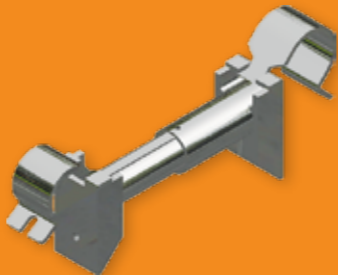
<p>UNIVERSAL JUNCTION BOX PLATE TO SUIT 1 X PEX SERIES ENCLOSURE OR POSI BOX OR CLIPSAL 56 SERIES <b>JB01-32-65</b></p>	<p>JUNCTION BOX PLATE, 2 X POSI BOX <b>JB02-32-65</b></p>	<p>JUNCTION BOX PLATE 1 X PEMS-TJB &amp; CLIPSAL ISOLATOR <b>JB03-32-65</b></p>
<p>JUNCTION BOX PLATE 2 X PEX SERIES ENCLOSURES <b>JB04-13</b></p>	<p>JUNCTION BOX PLATE 1 X PEX SERIES ENCLOSURE <b>JB04-32-65</b></p>	<p>UNIVERSAL JUNCTION BOX PLATE WITH OFFSET, 1 PEX SERIES ENCLOSURE OR POSI BOX OR CLIPSAL 56 SERIES <b>JB05-32-65</b></p>
<p>JUNCTION BOX PLATE WITH OFFSET, 2 X POSI BOX <b>JB06-32-65</b></p>	<p>JUNCTION BOX PLATE WITH OFFSET TO SUIT PEMS-TJB &amp; CLIPSAL ISOLATOR <b>JB07-32-65</b></p>	<p>JUNCTION BOX PLATE WITH OFFSET 1 X PEX SERIES ENCLOSURE <b>JB08-32-65</b></p>

<p>JUNCTION BOX PLATE SINGLE PEX SERIES VERT <b>JB09-32-65</b></p>	<p>JUNCTION BOX PLATE SINGLE PEX SERIES HORIZ <b>JB10-32-65</b></p>



# MOUNTING BRACKETS



<p>STRUCTURE MOUNTING BRACKET <b>MB01</b></p>	<p>STRUCTURE STANCHOEN MOUNTING BRACKET <b>MB02</b></p>	<p>STRUCTURE STANCHOEN MOUNTING BRACKET <b>MB03</b></p>
		
<p>FIXED POLE MOUNTING BRACKET DETAILS <b>MB04</b></p>	<p>STRUCTURE STANCHOEN MOUNTING BRACKET <b>MB05</b></p>	<p>STANCHOEN MOUNTING BRACKET <b>MB06</b></p>
		
<p>STANCHOEN MOUNT BASE SWING BRACKET <b>MB07</b></p>	<p>ANGLE / CHANNEL MOUNT <b>MB08</b></p>	<p>PIVOT POLE CLASP BRACKET DETAILS <b>MB09</b></p>
		

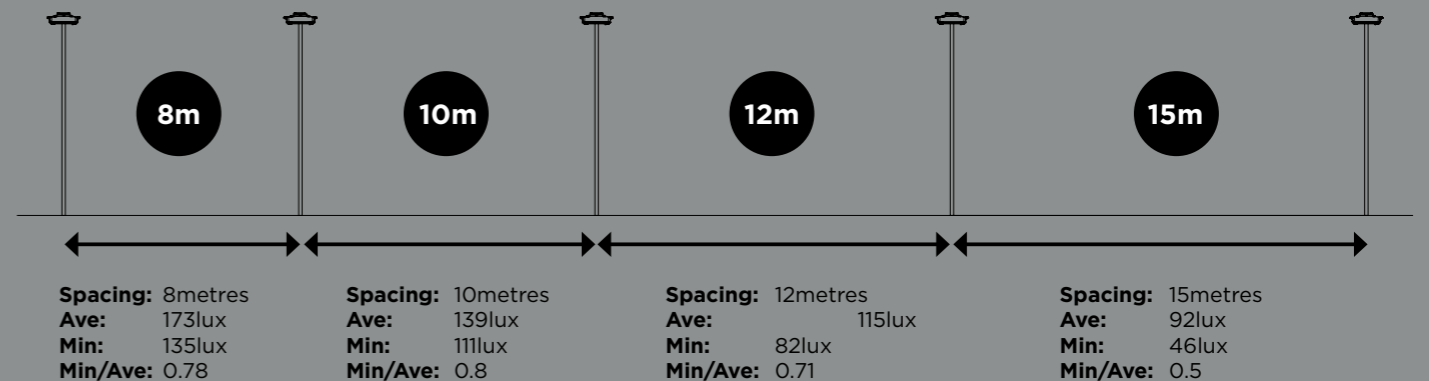


# ILLUMINATOR

Up to 15m spacing with 40 lux minimum

## SPACINGS

50W-5000K-Type II Optics Model Mounting  
Height: 3.0m Maintenance Factor: 0.8



VIEW OUR FULL RANGE OF INDUSTRIAL LIGHTING

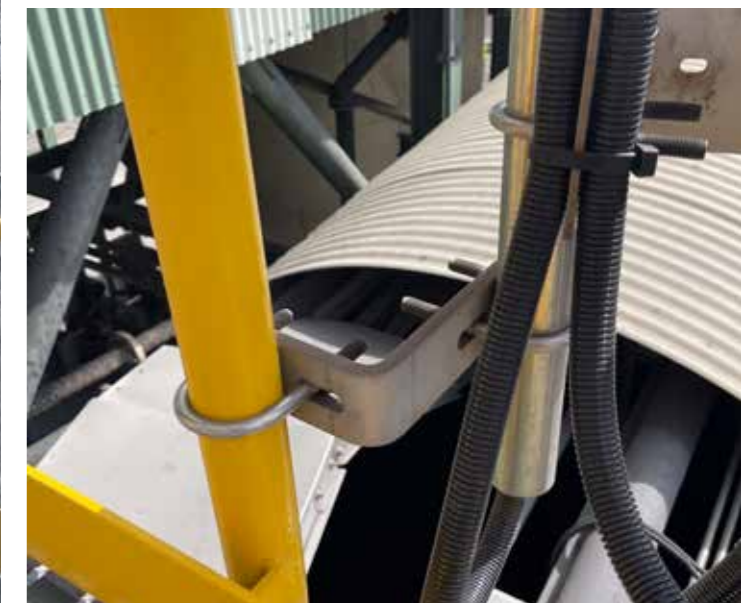
1300 074 636  
www.phoenixems.com.au



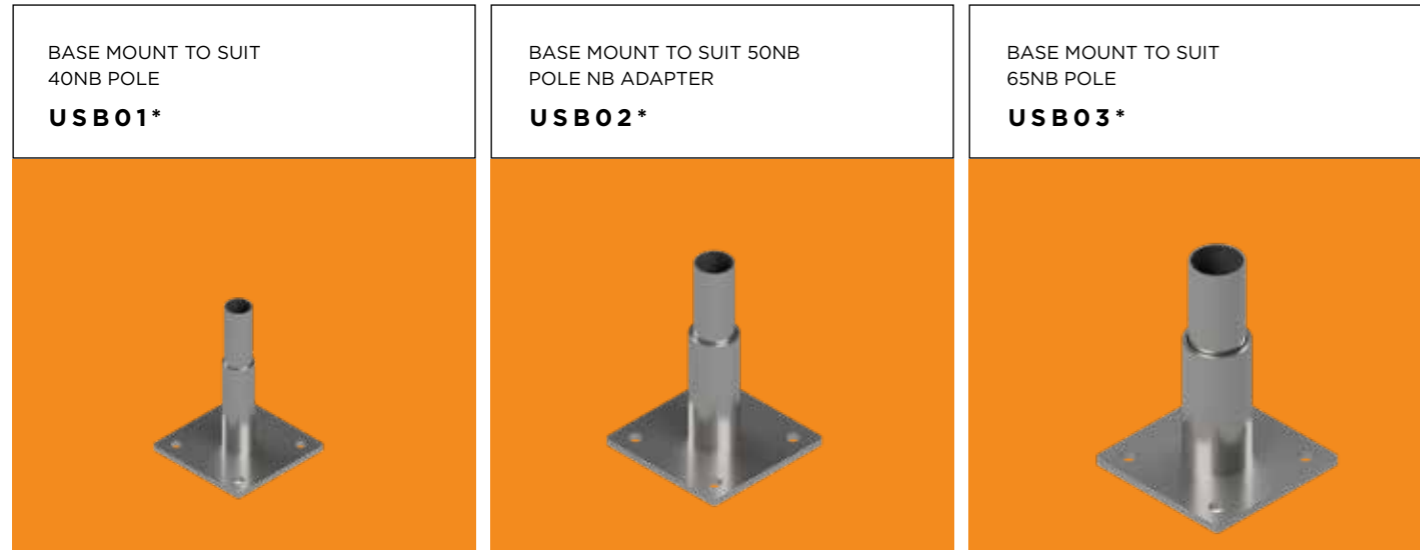
# MOUNTING BRACKETS



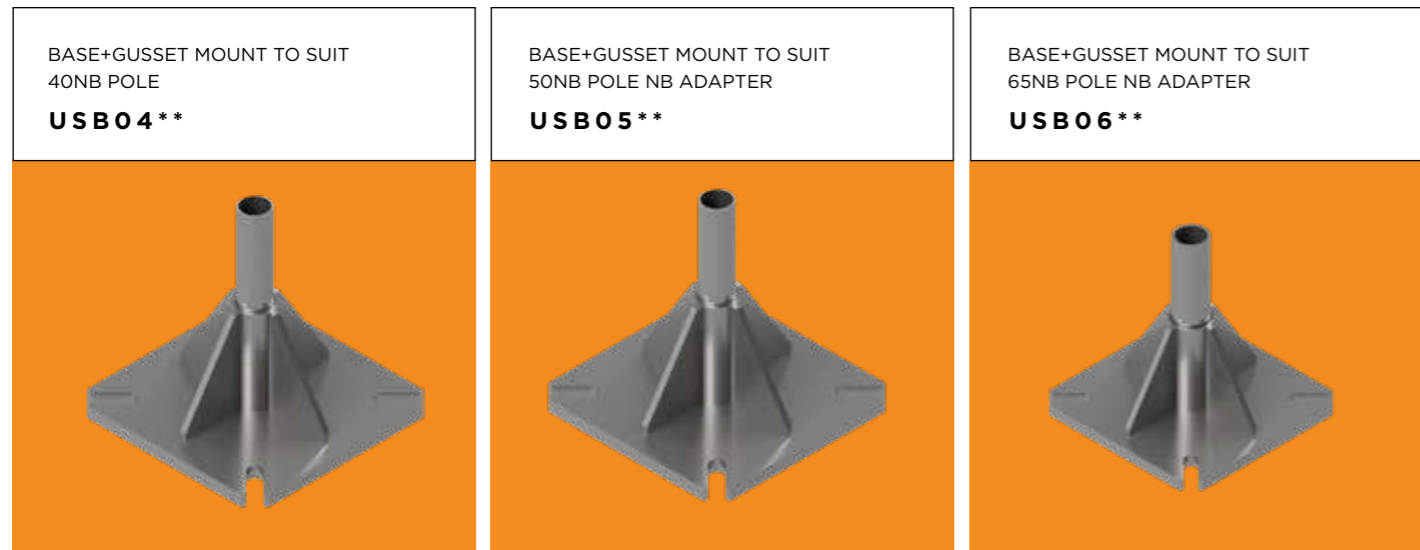
# MOUNTING BRACKETS



# BASES



\* BASE PLATES COMPATIBLE WITH MB04 MOUNTING PLATE



\*\* BASE PLATES COMPATIBLE WITH 4M AND 6M RAGBOLT CAGE ASSEMBLIES



## CUSTOM FABRICATION AVAILABLE

Phoenix EMS supplies leading electrical and mechanical products, value-add solutions, engineering services & professional support services to our valued clients throughout Australia.

- Turnkey Electrical & Mechanical Manufacturing
- Engineering Design
- Electrical Control Panel Design
- Drafting
- Electrical Wiring
- OEM Equipment Manufacture
- FAT & Testing
- Commissioning
- Laser Cutting + Rotary Laser
- Welding and Radial Drilling
- Fabrication
- Bending and Folding
- Powder coating
- Pour in Place Polyurethane Gasket Machine

[phoenixems.com.au](http://phoenixems.com.au)

# WALL MOUNT BRACKETS



# COLUMN MOUNT PLATES ACCESSORIES



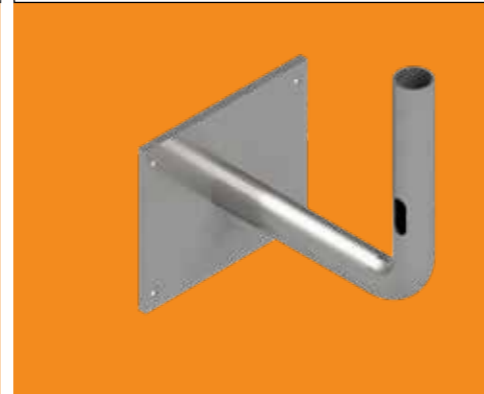
US-WM-01 40NB WALL MOUNT BRACKET  
**US-WM-01**



US-WM-02 50NB WALL MOUNT BRACKET  
**US-WM-02**



US-WM-03 40NB WALL MOUNT BRACKET  
**US-WM-03**



US-WM-04 32NB (380MM) OUTREACH  
**US-WM-04**



US-WM-05 40NB (380MM) OUTREACH  
**US-WM-05**



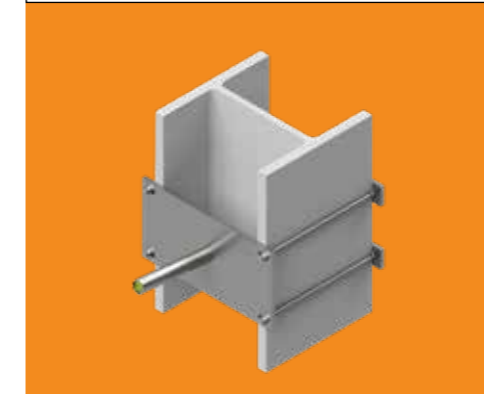
US-WM-06 50NB (380MM) OUTREACH  
**US-WM-06**



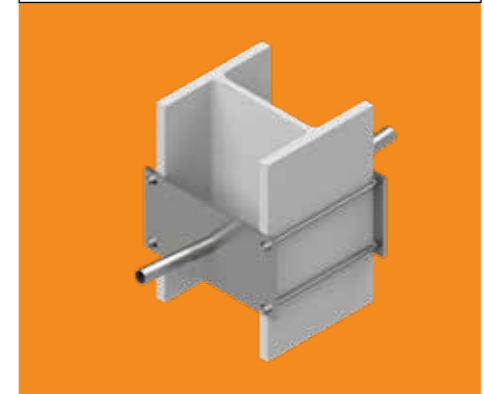
US-WM-07 40NB (450MM) OUTREACH  
**US-WM-07**



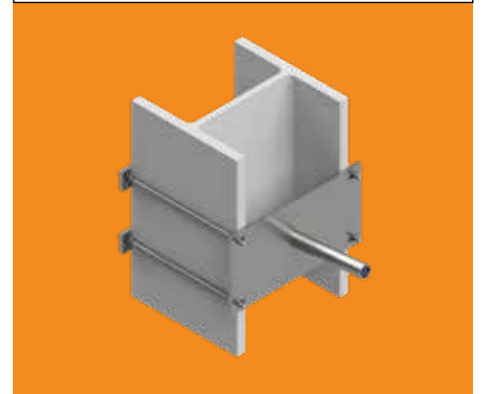
25NB 200MM 95° SINGLE COLUMN MOUNT SUIT 310UC158  
**US-CM-01**



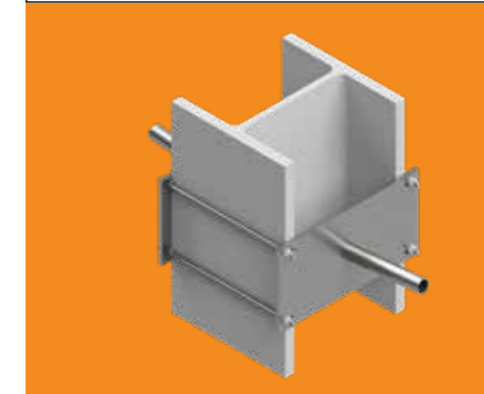
25NB 200MM 95° DUAL COLUMN MOUNT SUIT 310UC158  
**US-CM-02**



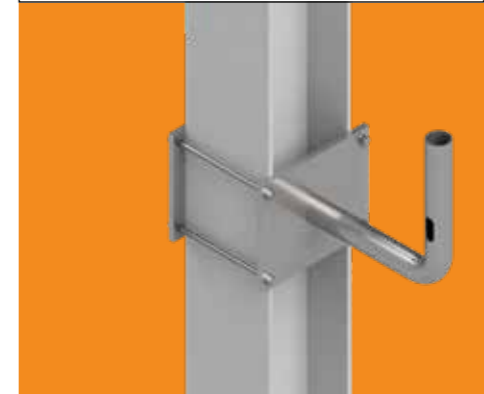
25NB 200MM 95° SINGLE COLUMN MOUNT SUIT 250UC158  
**US-CM-03**



25NB 200MM 95° DUAL COLUMN MOUNT SUIT 250UC158  
**US-CM-04**



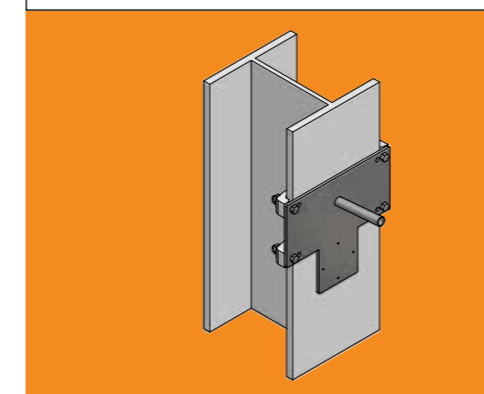
40NB COLUMN MOUNT TO SUIT USSJ / USHJ  
**US-CM-05**



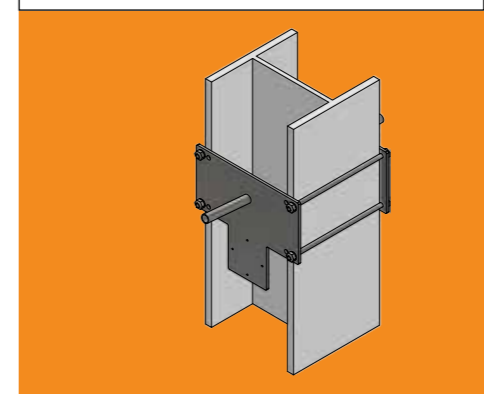
40NB COLUMN MOUNT TO SUIT USSJ / USHJ  
**US-CM-06**



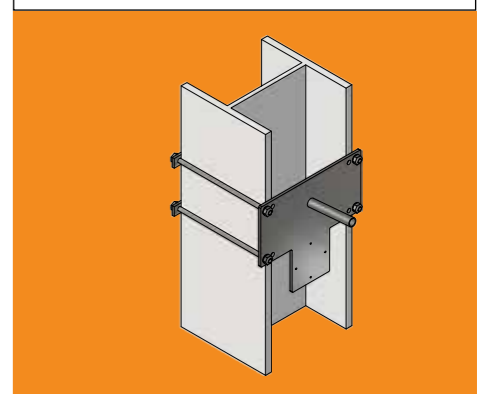
SINGLE FACE PLATE 25NB 200MM OUTREACH & PEX ENCLOSURE MOUNT  
**US-CM-07**



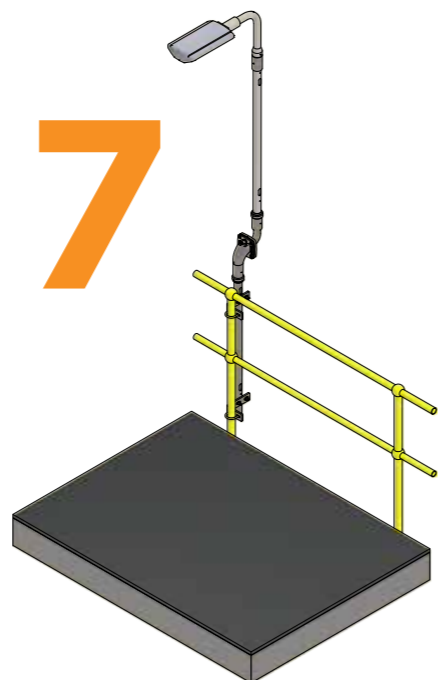
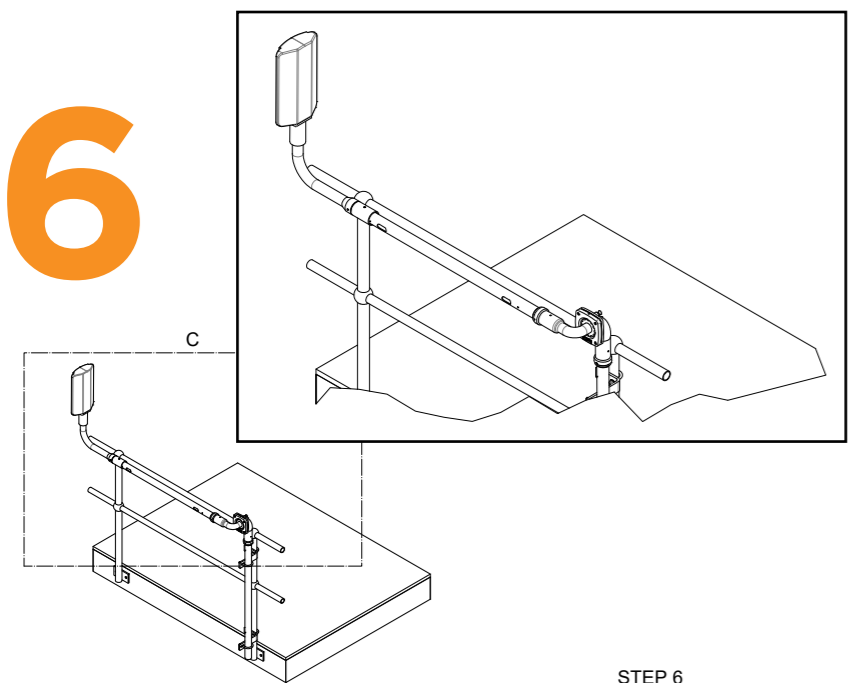
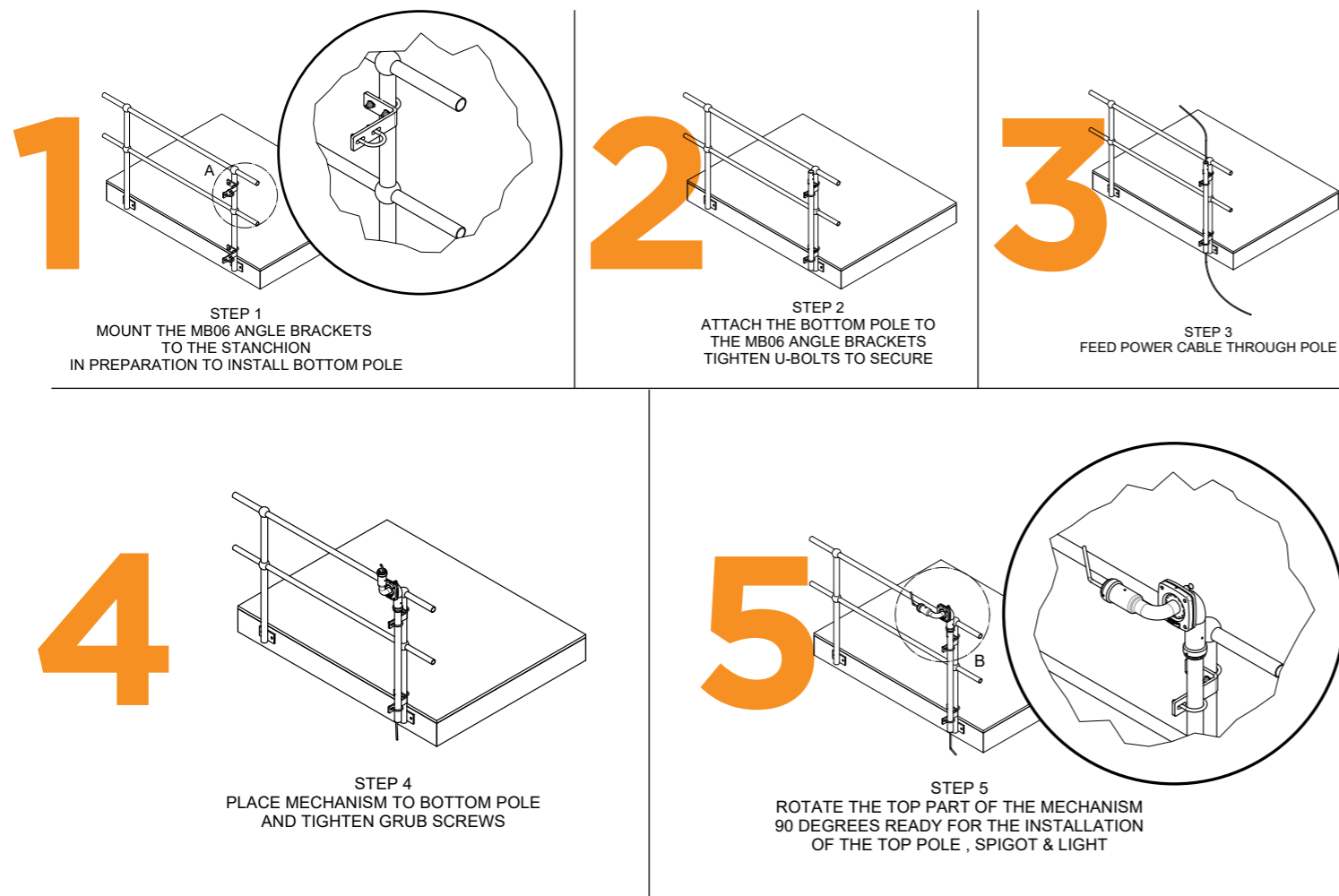
DUAL FACE PLATE 25NB 200MM OUTREACH & PEX ENCLOSURE MOUNT  
**US-CM-08**



SINGLE FACE PLATE 25NB 200MM OUTREACH & PEX ENCLOSURE MOUNT  
**US-CM-09**



# TYPICAL MOUNTING INSTALLATION EXAMPLES



# SPIGOT ATTACHMENTS



<p>SPIGOT 32NB OUTREACH SUIT 40NB POLE 250MM OUTREACH <b>A100</b></p>	<p>SPIGOT 40NB OUTREACH SUIT 40NB POLE 280MM OUTREACH <b>A101</b></p>	<p>SPIGOT 25NB OUTREACH SUIT 40NB POLE 280MM OUTREACH <b>A102</b></p>
<p>SPIGOT DUAL 25NB OUTREACH SUIT 40NB POLE 200MM OUTREACH <b>A103</b></p>	<p>SPIGOT DUAL 32NB OUTREACH SUIT 40NB POLE 200MM OUTREACH <b>A104</b></p>	<p>SPIGOT 40NB OUTREACH SUIT 50NB POLE 200MM OUTREACH <b>A105</b></p>
<p>SPIGOT FLOODLIGHT MOUNT SUIT 40NB POLE <b>A106</b></p>	<p>32NB BENT VERTICAL POLE TOP SUIT 40NB POLE <b>A107</b></p>	<p>SPIGOT SIREN MOUNT SUIT 40NB <b>A109</b></p>

Mounting Hardware included with spigots

# SPIGOT ATTACHMENTS



<p>SPIGOT SIREN MOUNT SUIT 40NB <b>A110</b></p>	<p>SPIGOT CCTV CAMERA MOUNT <b>A111</b></p>	<p>SPIGOT 240VAC 10A OUTLET GENERAL ARRANGEMENT <b>A112</b></p>

<p>240V 10A OUTLET &amp; WELDING OUTLET GENERAL ARRANGEMENT SUIT 40NB POLE <b>A113</b></p>	<p>POLE MOUNT SCREW ADAPTOR GENERAL ARRANGEMENT <b>A114</b></p>	<p>3 HOLE P/BUTTON STATION GENERAL ARRANGEMENT SUIT 40NB POLE <b>A115</b></p>

<p>1 HOLE OPERATOR STATION GENERAL ARRANGEMENT SUIT 40NB <b>A116</b></p>	<p>2/3 HOLE OPERATOR STATION GENERAL ARRANGEMENT SUIT 40NB POLE <b>A117</b></p>	<p>4/5 HOLE OPERATOR STATION GENERAL ARRANGEMENT SUIT 40NB POLE <b>A118</b></p>

# SPIGOT ATTACHMENTS



<p>6 HOLE OPERATOR STATION GENERAL ARRANGEMENT SUITS 40NB POLE <b>A119</b></p>	<p>SOLAR/FLOODLIGHT MOUNT SUIT 50NB POLE <b>A120</b></p>	<p>SPIGOT 32NB OUTREACH 95 DEGREE SUIT 40NB POLE 300MM OUTREACH <b>A121</b></p>

<p>SPIGOT 32NB OUTREACH 115DEGREE SUIT 50NB POLE 270MM OUTREACH <b>A122</b></p>	<p>LUMINAIRE MOUNT DETAIL <b>A123</b></p>	<p>32 NB 95 DEG 380MM OUTREACH GENERAL ARRANGEMENT <b>A124</b></p>

<p>SPIGOT 25NB 300MM OUTREACH 95 DEGREE SUIT 50NB POLE <b>A125</b></p>	<p>32 NB 95 DEG GENERAL ARRANGEMENT <b>A126</b></p>	<p>SPIGOT 2 X 25NB 2 X 300MM OUTREACH 95 DEGREE SUIT 40NB POLE <b>A127</b></p>



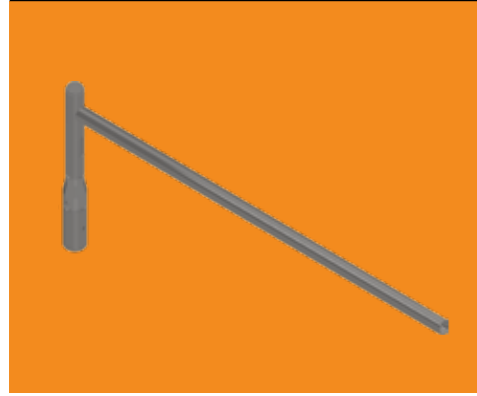







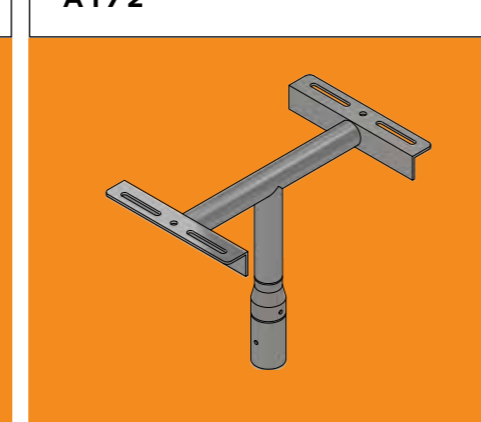









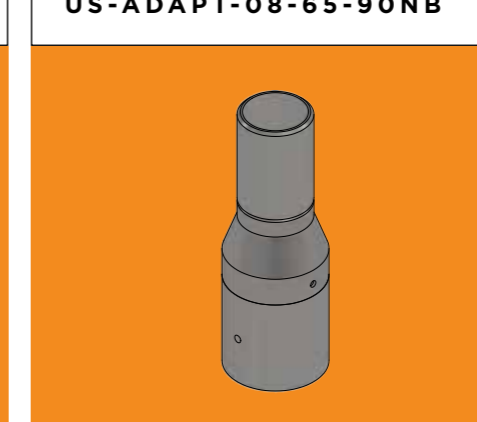

# SPIGOT ATTACHMENTS



# ADAPTER REDUCERS



<p>SPIGOT FOR LINEAR FITTING TO SUIT 40NB POLE 25NB 1295MM OUTREACH</p> <p><b>A131</b></p> 	<p>25 NB FLAT HORIZONTAL POLE TOP GENERAL ARRANGEMENT 2 X 200MM OUTREACH</p> <p><b>A133</b></p> 	<p>25 NB - 95 DEG POLE TOP GENERAL ARRANGEMENT 2 X 300MM OUTREACH</p> <p><b>A134</b></p> 
<p>25 NB - 95 DEG POLE TOP TO SUIT 50NB POLE</p> <p><b>A135</b></p> 	<p>SPIGOT FOR 2 X LINEAR FITTING TO SUIT 40NB POLE 2 X 1295MM OUTREACH</p> <p><b>A139</b></p> 	<p>25 NB - 95 DEG POLE TOP GENERAL ARRANGEMENT 32NB - 90° OUTREACH 700mm</p> <p><b>A140</b></p> 
<p>CAMERA MOUNT PLATE TO SUIT 40NB POLE</p> <p><b>A141</b></p> 	<p>32NB - 135° POLE TOP TO SUIT 40NB POLE</p> <p><b>A171</b></p> 	<p>DUAL FLOODLIGHT SPIGGOT TO SUIT 50NB POLE</p> <p><b>A172</b></p> 

<p>ADAPTER FITS 50NB PIPE REDUCED TO 40NB</p> <p><b>US-ADAPT-01-40-50NB</b></p> 	<p>ADAPTER FITS 80NB PIPE REDUCED TO 40NB</p> <p><b>US-ADAPT-02-40-80NB</b></p> 	<p>ADAPTER FITS 80NB PIPE REDUCED TO 50NB</p> <p><b>US-ADAPT-03-50-80NB</b></p> 
<p>ADAPTER FITS 50NB PIPE REDUCED TO 25NB</p> <p><b>US-ADAPT-04-25-50NB</b></p> 	<p>ADAPTER FITS 50NB PIPE REDUCED TO 32NB</p> <p><b>US-ADAPT-05-32-50NB</b></p> 	<p>ADAPTER FITS 65NB PIPE REDUCED TO 40NB</p> <p><b>US-ADAPT-06-40-65NB</b></p> 
<p>ADAPTER FITS 90NB PIPE REDUCED TO 50NB</p> <p><b>US-ADAPT-07-50-90NB</b></p> 	<p>ADAPTER FITS 90NB PIPE REDUCED TO 65NB</p> <p><b>US-ADAPT-08-65-90NB</b></p> 	<p>ADAPTER FITS HEX POLE REDUCED TO 65NB</p> <p><b>US-ADAPT-09-65-90NB</b></p> 

# ACCESSORIES



## INSTALLATION MECHANISMS

## SLOT COVERS

## PIPE CUTTERS

SWING POLE MOUNTING BRACKET  
GENERAL ARRANGEMENT  
**US-IM-001**



ULTRASWING CABLE  
ENTRY COVER  
**US-CEC**



ULTRASWING PIPE CUTTER  
MECHANISM  
**US-PCM**



# ACCESSORIES



## MECH INSERTS

HORNET AND STINGER JNR  
INSERT 40NB  
**USI40J**



HORNET AND STINGER  
JNR INSERT 32NB  
**USI32J**



HORNET AND STINGER JNR  
INSERT 32NB  
**USI32J-B**



HORNET AND STINGER JNR  
INSERT 40NB  
**USI40J-B**



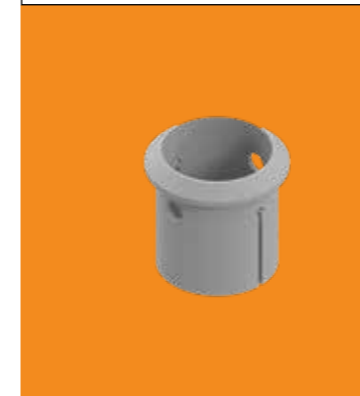
STINGER MICRO  
32NB INSERT  
**USI32M**



STINGER MICRO  
40NB INSERT  
**USI40M**



HORNET, STINGER AND  
WASP INSERT 50NB  
**USI50**



HORNET, STINGER WASP  
INSERT 40NB  
**USI40**



HORNET, STINGER AND  
WASP INSERT 50NB  
**USI50-B**



HORNET, STINGER AND WASP  
INSERT 40NB  
**USI40-B**



**EXCALIBUR**  
ENCLOSURES  
MANUFACTURED BY PHOENIX EMS

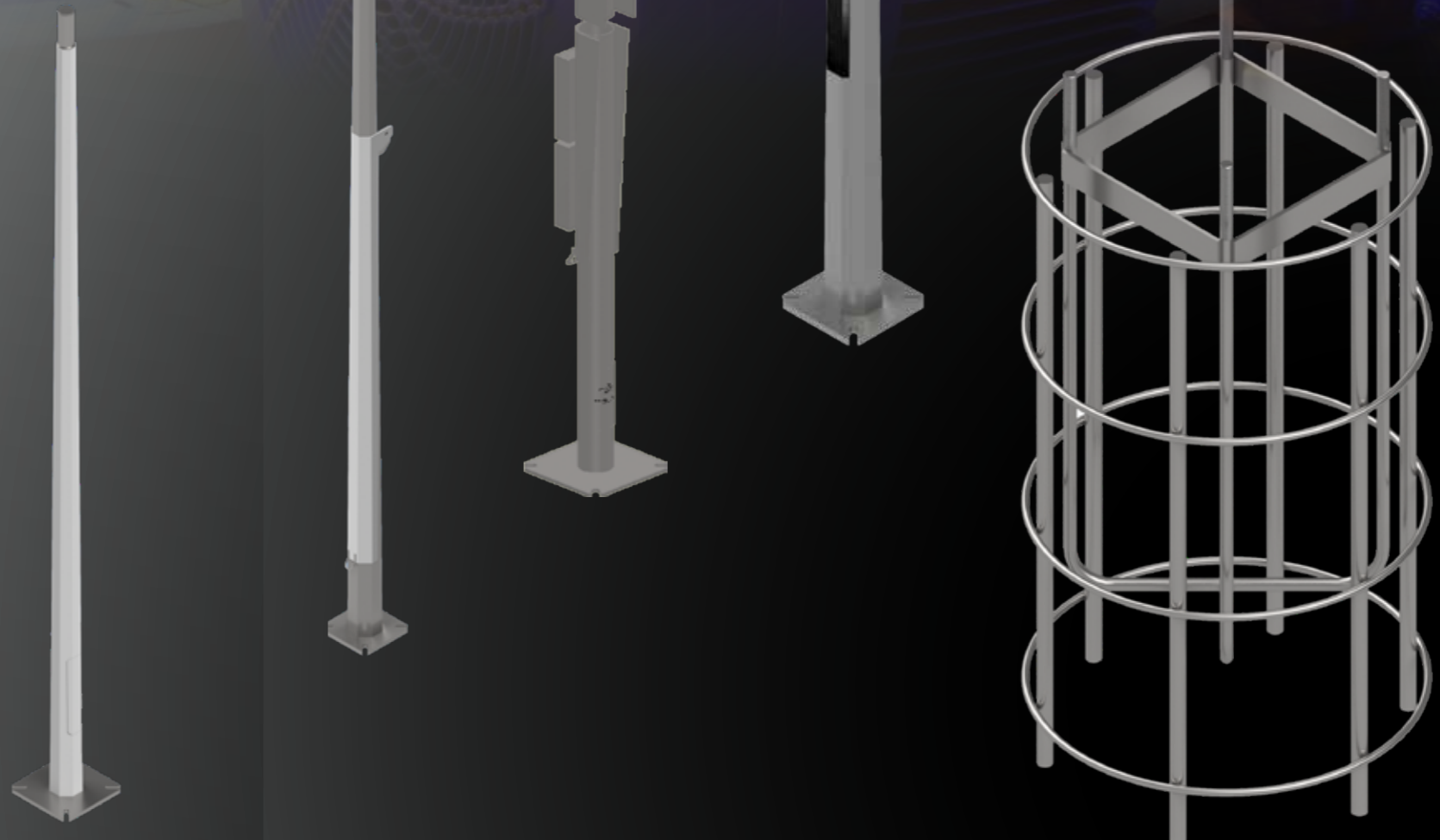
**VISIBLE BREAK ISOLATORS  
& LOCAL CONTROL STATIONS**

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# 5

- LARGE POLES
- FIXED POLES
- MID-HINGED POLES
- CAGES
- RAG BOLT ASSEMBLY
- FSP LARGE SPIGOTS

ULTRASWING™ poles are crafted with precision and engineered to withstand the rigors of diverse environments, ensuring longevity and optimal performance. These poles are built to withstand harsh weather conditions, heavy loads, and rigorous usage commonly found in industrial settings. Trust Ultraswing™ to provide the robust solutions your industrial space demands



# FIXED TAPERED POLES



## FIXED TAPERED POLE ARRANGEMENT

### TYPICAL APPLICATIONS

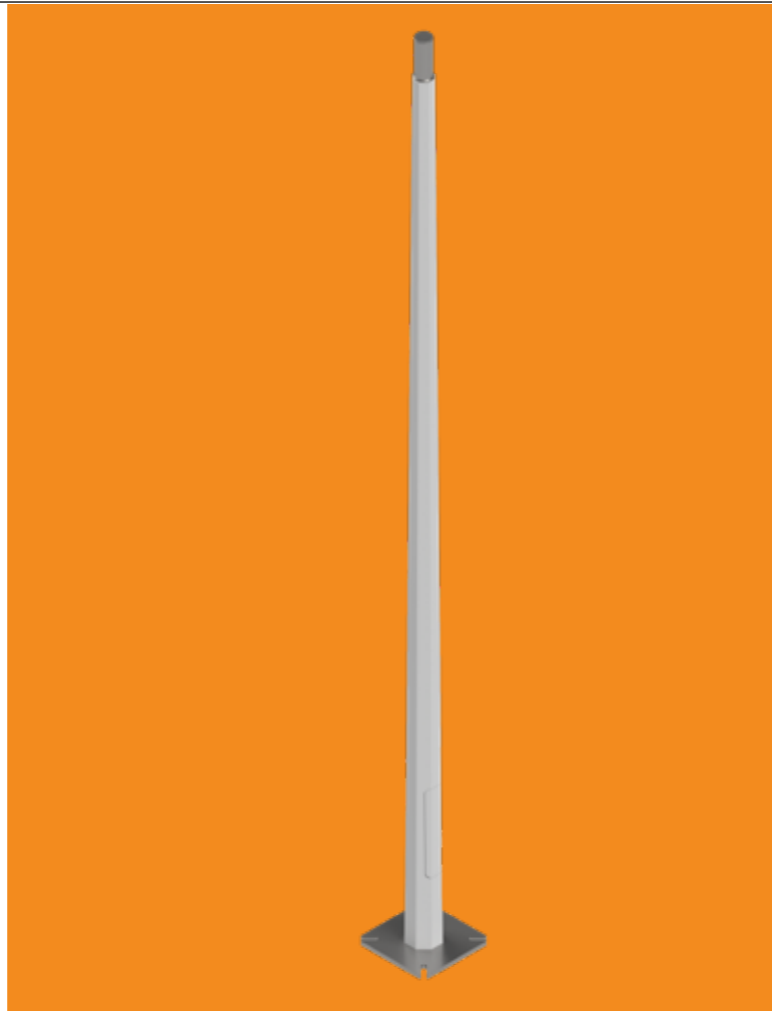
ALL INDUSTRY, COMMERCIAL AND MINING APPLICATIONS. Ultraswing™ Fixed Poles are engineered to provide a robust foundation, ensuring support for your application. Crafted with precision and built to withstand the elements, these poles offer a reliable solution for various environments, including industrial, commercial and mining applications. Discover the perfect blend of strength and durability with our Fixed Pole series.

### FEATURES + BENEFITS

- Appropriate for permanent or transient installations.
- Heavy Duty high tensile steel construction for use in light weight through to heavy-duty applications
- Suitable for mounting of solar, CCTV, and lighting.
- Galvanised for durability.
- Accessories and options available
- Powder coating optional

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application



### ORDERING CODES

MODEL	POLE LENGTH	POLE TYPE	BASE PLATE SIZE
US-6M-FTP	6 M	FIXED POLE	330 X 330 X 16 THK
US-8M-FTP	8 M	FIXED POLE	330 X 330 X 20 THK
US-10M-FTP	10 M	FIXED POLE	330 X 330 X 25 THK
US-15M-FTP	15 M	FIXED POLE	450 X 450 X 25 THK

# MID-HINGED TAPERED POLES



## MID-HINGED POLE ARRANGEMENT

### TYPICAL APPLICATIONS

ALL INDUSTRY, COMMERCIAL AND MINING APPLICATIONS. The Mid-Hinged series introduces a ground breaking design that simplifies maintenance and installation. This innovative feature allows for easy access to luminaires at ground level, reducing the need for specialized equipment and minimizing downtime. Efficiency meets simplicity with UltraSwing Mid-Hinged poles. Ideal for all industry, commercial and mining applications, lighting on Walkways, Platforms, Stairways, Spiral Stairways, Roof Tops, Conveyors

### FEATURES + BENEFITS

- All industry, commercial and mining applications
- For use in commercial and public access areas.
- Single operator raising and lowering
- Suitable for mounting of solar, CCTV, and lighting.
- Increase operation time,
- Increase personnel safety and risk reduction.
- Lower your costs
- Reduce on-site lifting + access equipment
- Galvanised for durability.
- Accessories and options available
- Powder coating optional

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application



### ORDERING CODES

#### TAPERED

MODEL	POLE LENGTH	POLE TYPE	BASE PLATE SIZE
US-4M-MFTP	6M	TAPERED MID HINGED POLE	330 X 330 X 16 THK
US-6M-MFTP	6M	TAPERED MID HINGED POLE	330 X 330 X 16 THK
US-8M-MFTP	8M	TAPERED MID HINGED POLE	330 X 330 X 20 THK
US-10M-MFTP	10M	TAPERED MID HINGED POLE	330 X 330 X 25 THK
US-12M-MFTP	12.5M	TAPERED MID HINGED POLE	350 X 350 X 25 THK
US-15M-MFTP	15M	TAPERED MID HINGED POLE	450 X 450 X 25 THK

MODEL	DIMENSIONS	WEIGHT KG	COMPATABLE POLE
US-CW	400MMX100MMX25MM	7.75KG	12M-MFTP / 15M-MFTP
USCW1	300MMX50MMX20MM	2.94KG	4M-MFTP / 6M-MFTP / 8M-MFTP / 10M-MFTP
USCW2	400MMX85MMX25MM	6.67KG	4M-MFTP / 6M-MFTP / 8M-MFTP / 10M-MFTP

# MID-HINGED ROUND POLES



## MID-HINGED POLE ARRANGEMENT

### TYPICAL APPLICATIONS

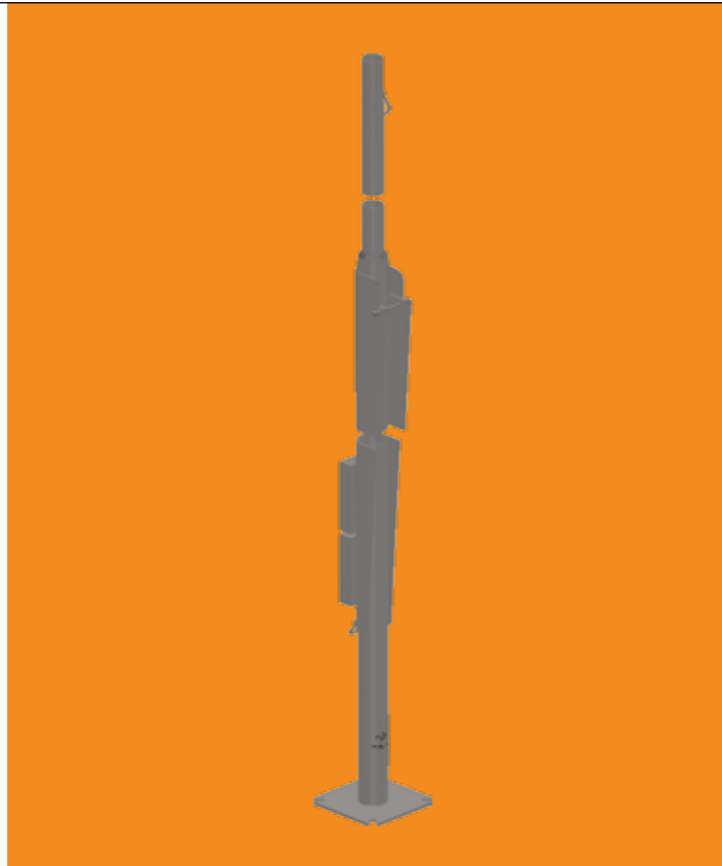
Ideal for all industry, commercial and mining applications, Walkways, Platforms, Stairways, Spiral Stairways, Roof Tops, Conveyors.

### FEATURES + BENEFITS

- For use in commercial and public access areas.
- Single operator raising and lowering
- Suitable for mounting of solar, CCTV, and lighting.
- Increase operation time,
- Increase personnel safety and risk reduction.
- Lower your costs
- Reduce on-site lifting + access equipment
- Galvanised for durability.
- Accessories and options available
- Powder coating optional

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application



### ORDERING CODES

#### ROUND

MODEL	POLE LENGTH	POLE TYPE	BASE PLATE SIZE
US-4M-PP	4 M	PIVOT POLE	330 X 330 X 16 THK
US-6M-PP	6 M	PIVOT POLE	330 X 330 X 16 THK
US-8M-PP	8 M	PIVOT POLE	330 X 330 X 20 THK
US-10M-PP	10 M	PIVOT POLE	330 X 330 X 25 THK

MODEL	DIMENSIONS	WEIGHT KG	COMPATABLE POLE
US-CW	400MMX100MMX25MM	7.75KG	US-4MPP, US-6MPP, US-8MPP, US-10MPP, US-12M MTP, US-15M MTP"

# GREEN-TEK SOLUTIONS

MANUFACTURED BY PHOENIX EMS



## POD & POLE SOLUTIONS

phoenixems.com.au



# TELESCOPIC POLES



## TELESCOPIC POLE ARRANGEMENT

### TYPICAL APPLICATIONS

Telescopic Light Pole series offers a revolutionary design that streamlines maintenance and installation processes. This cutting-edge feature enables convenient access to lighting fixtures at ground level, eliminating the requirement for specialized equipment and reducing operational downtime. Combining efficiency with ease, Telescopic Light Poles are perfect for a wide range of industry, commercial, and mining applications, providing optimal lighting solutions.

### FEATURES + BENEFITS

- All industry, commercial and mining applications
- For use in commercial and public access areas.
- Single operator raising and lowering
- Suitable for mounting of solar, CCTV, and lighting.
- Compact design for ease of transportation
- Increase personnel safety and risk reduction.
- Lower your costs on maintenance
- Reduce on-site lifting + access equipment
- Galvanised for durability.
- Accessories and options available
- Powder coating optional

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

### ORDERING CODES

#### TELESCOPIC

MODEL	POLE LENGTH	POLE TYPE	BASE PLATE SIZE
GTS-MAST-4M	4.4M	TELESCOPIC	400 X 400 X 16MM



# TELESCOPIC POLES



## TELESCOPIC POLE ARRANGEMENT

### TYPICAL APPLICATIONS

Telescopic Light Pole series offers a revolutionary design that streamlines maintenance and installation processes. This cutting-edge feature enables convenient access to lighting fixtures at ground level, eliminating the requirement for specialized equipment and reducing operational downtime. Combining efficiency with ease, Telescopic Light Poles are perfect for a wide range of industry, commercial, and mining applications, providing optimal lighting solutions.

### FEATURES + BENEFITS

- All industry, commercial and mining applications
- For use in commercial and public access areas.
- Single operator raising and lowering
- Suitable for mounting of solar, CCTV, and lighting.
- Compact design for ease of transportation
- Increase personnel safety and risk reduction.
- Lower your costs on maintenance
- Reduce on-site lifting + access equipment
- Galvanised for durability.
- Accessories and options available
- Powder coating optional

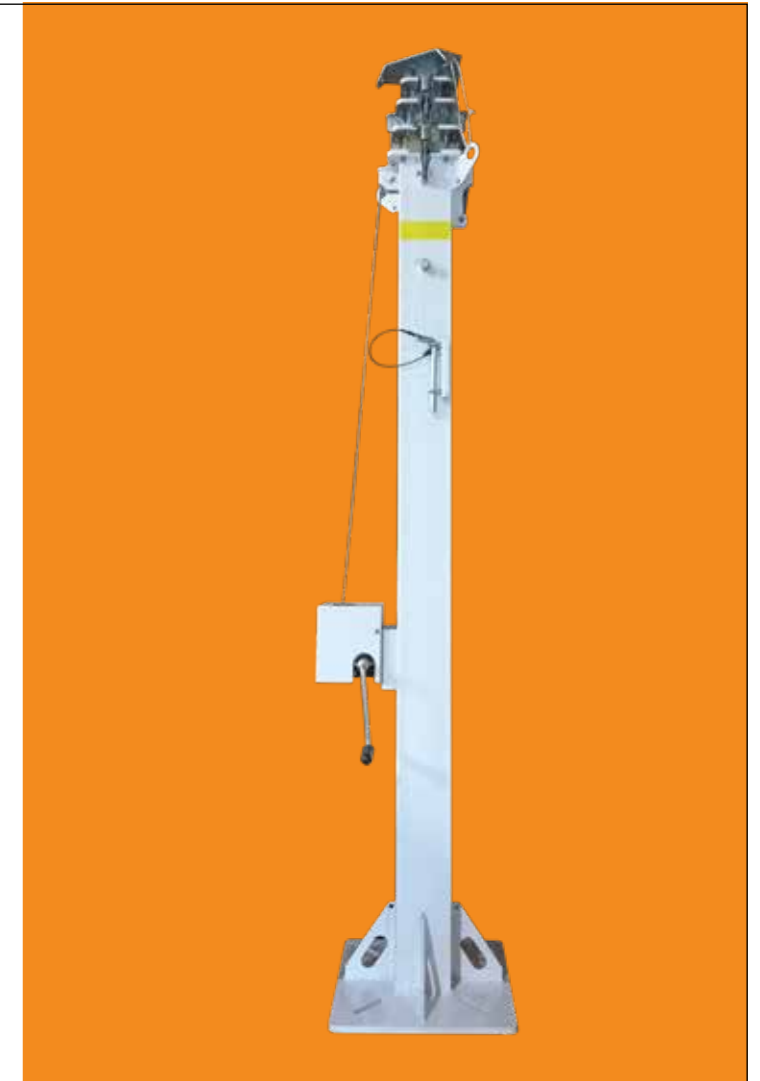
### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

### ORDERING CODES

#### TELESCOPIC

MODEL	POLE LENGTH	POLE TYPE	BASE PLATE SIZE
GTS-MAST-9M	8.6M	TELESCOPIC	400 X 400 X 20MM



# CAGES & RAG BOLT ASSEMBLIES



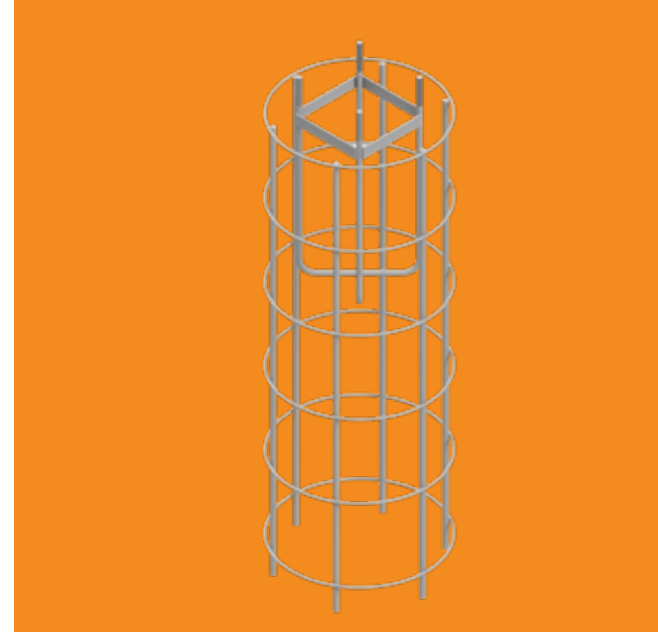
4M LIGHT POLE CAGE /  
RAG BOLT DETAIL  
**US-4M-RBCA**



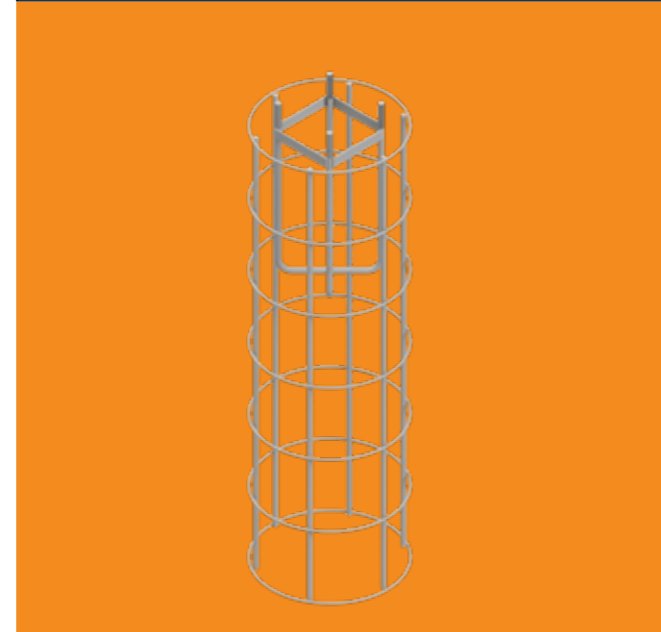
6M LIGHT POLE CAGE /  
RAG BOLT DETAIL  
**US-6M-RBCA**



8M LIGHT POLE CAGE /  
RAG BOLT DETAIL  
**US-8M-RBCA**



10M LIGHT POLE CAGE /  
RAG BOLT DETAIL  
**US-10M-RBCA**

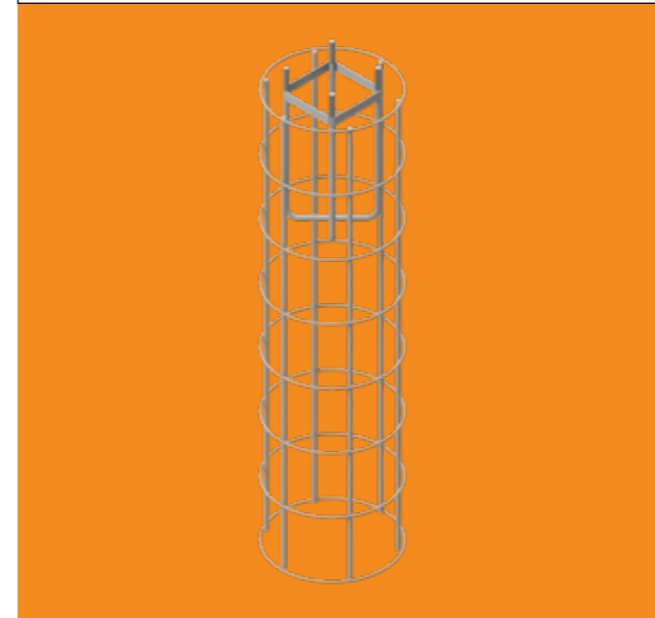


Rag bolt cage assemblies based on standard soil conditions. Geotech reports required for confirmation on suitability of soil in application.

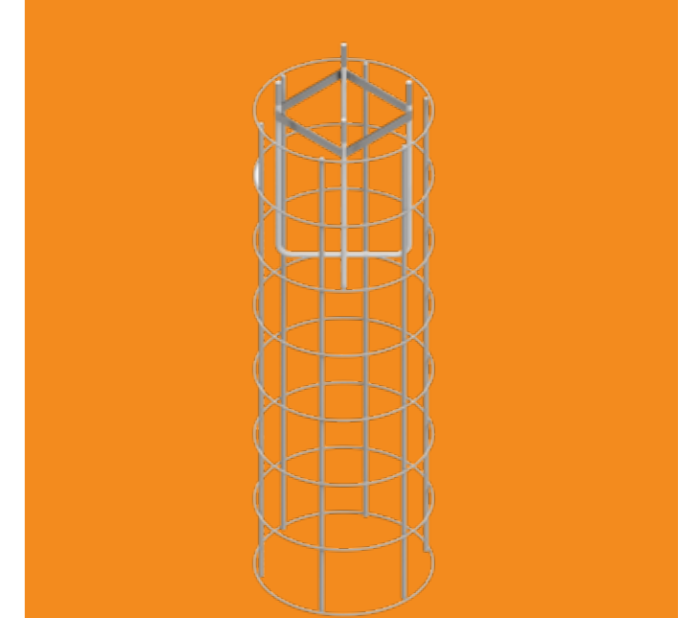
# CAGES & RAG BOLT ASSEMBLIES



12M LIGHT POLE CAGE /  
RAG BOLT DETAIL  
**US-12M-RBCA**



15M LIGHT POLE CAGE /  
RAG BOLT DETAIL  
**US-15M-RBCA**



CAGE DETAILS					RAGBOLT DETAILS	
POLE HEIGHT	REO LENGTH	LIGATURE No.	LIGATURE SPACING	LIGATURE DIAMETER	FOUNDATION BOLT	RAG BOLT LENGTH
4 METRE	800	4	240 C/C	400	M16 X 700 X 350 P.C.D	2 X 1750
6 METRE	1000	5	240 C/C	400	M16 X 700 X 350 P.C.D	2 X 1750
8 METRE	1600	6	300 C/C	500	M20 X 700 X 350 P.C.D	2 X 1750
10 METRE	1800	7	300 C/C	500	M24 X 700 X 350 P.C.D	2 X 1750
12 METRE	2100	8	300 C/C	500	M24 X 700 X 350 P.C.D	2 X 1750
15 METRE	2100	8	300 C/C	625	M24 X 725 X 495 P.C.D	2 X 1950

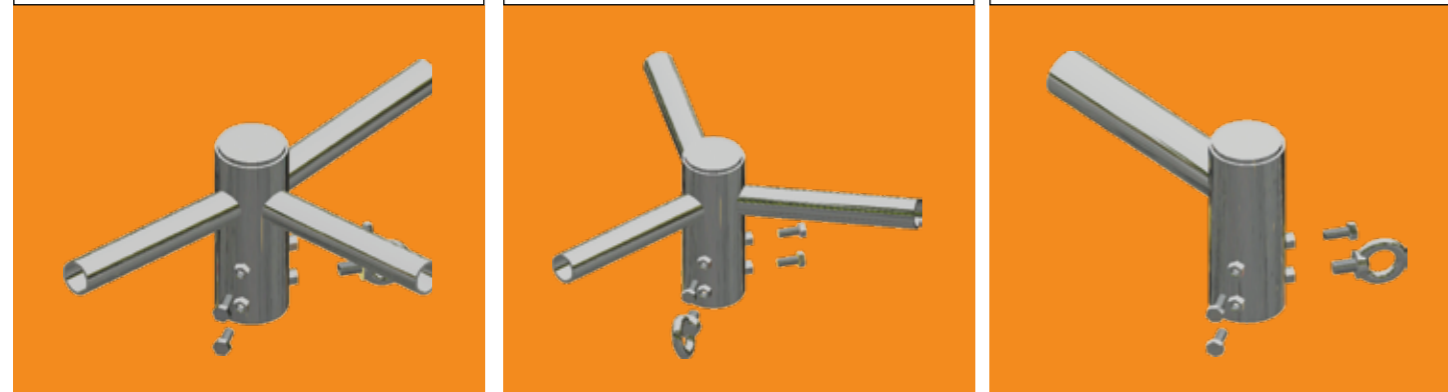
Rag bolt cage assemblies based on standard soil conditions. Geotech reports required for confirmation on suitability of soil in application.

# FSP LARGE SPIGOTS



<p>1 X FLOODLIGHT MOUNT</p> <p><b>FSP-01</b></p>	<p>2 X FLOODLIGHT MOUNT</p> <p><b>FSP-02</b></p>	<p>3 X FLOODLIGHT MOUNT</p> <p><b>FSP-03</b></p>
		

<p>50NB DUAL OUTREACH X 300MM 95°</p> <p><b>FSP-04</b></p>	<p>50NB QUAD OUTREACH X 300MM 95°</p> <p><b>FSP-05</b></p>	<p>32NB SINGLE OUTREACH X 300MM 95°</p> <p><b>FSP-06</b></p>
		

<p>50NB TRIPLE OUTREACH X 300MM 95°</p> <p><b>FSP-07</b></p>	<p>50NB TRIPLE OUTREACH X 300MM 95°</p> <p><b>FSP-08</b></p>	<p>50NB SINGLE OUTREACH X 300MM 95°</p> <p><b>FSP-09</b></p>
		

# FSP LARGE SPIGOTS



<p>2 X FLOODLIGHT MOUNT</p> <p><b>FSP-10</b></p>	<p>3 X FLOODLIGHT MOUNT</p> <p><b>FSP-11</b></p>	<p>4 X FLOODLIGHT MOUNT</p> <p><b>FSP-12</b></p>
		

<p>3 LIGHT HORIZONTAL SPIGOT DETAILS FITS 90NB POLE TOP</p> <p><b>FSP-15</b></p>	<p>4 LIGHT HORIZONTAL SPIGOT DETAILS FITS 90NB POLE TOP</p> <p><b>FSP-16</b></p>	<p>50NB DUAL OUTREACH X 300MM 95 300MM OUTREACH</p> <p><b>FSP-17</b></p>
		

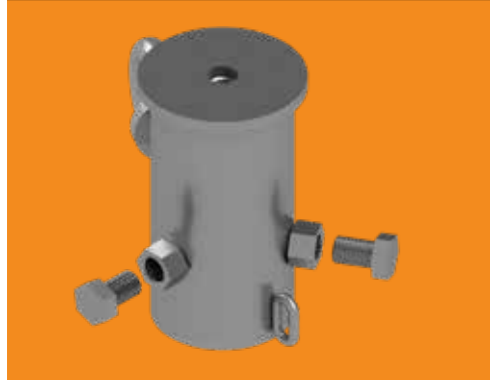




# FSP LIGHTNING ARRESTOR SPIGOTS



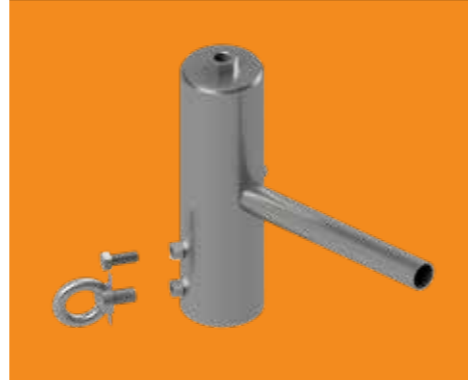
65NB POLE TOP  
FINIAL ADAPTOR  
**FSP-13**



50NB POLE TOP  
FINIAL ADAPTOR  
**FSP-14**



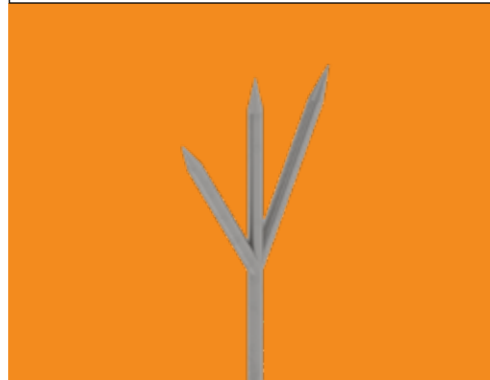
25NB SINGLE OUTREACH POLE TOP  
FINIAL ADAPTOR 300MM  
**FSP-18**



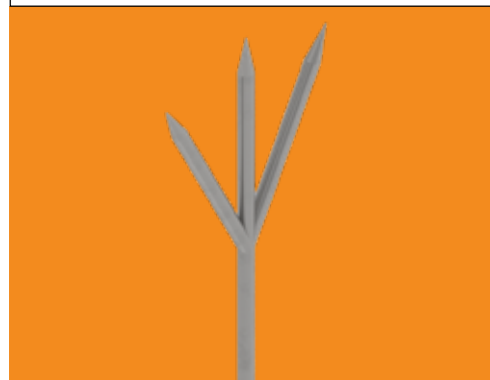
25NB DUAL OUTREACH POLE TOP FINIAL  
ADAPTOR 300MM  
**FSP-19**



1.8M FINIAL  
US-FIN-18  
**US-FIN-18**



2.0M FINIAL  
US-FIN-20  
**US-FIN-20**



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INDUSTRY APPROVED  
**VISIBLE BREAK  
ISOLATORS**  
& LOCAL CONTROL STATIONS



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# 6

## EQUIPMENT POLES

## INSTRUMENT POLES

## PLANT POLES

## WEATHER HOODS

Ultraswing™ Instrument Poles are designed for Industrial and Mining applications.

The Instrument Pole range provides various methods of mounting for Instrumentation, IOT and Field Devices.



# INSTRUMENT POLES

SINGLE INSTRUMENT FLOOR STANDING MOUNTING POLE

**130**



SINGLE INSTRUMENT WALL MOUNT POLE

**131**



DUAL INSTRUMENT FLOOR STANDING MOUNTING POLE

**132**



DUAL INSTRUMENT WALL MOUNT POLE

**133**



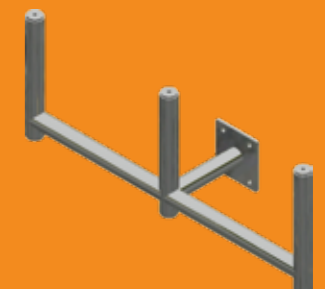
TRIPLE INSTRUMENT FLOOR STANDING MOUNTING POLE

**134**



TRIPLE INSTRUMENT WALL MOUNT POLE

**135**



SINGLE INSTRUMENT FLOOR STANDING MOUNTING POLE

**136**



SINGLE INSTRUMENT FLOOR STANDING MOUNTING POLE

**137**



SINGLE INSTRUMENT WALL MOUNT POLE

**138**

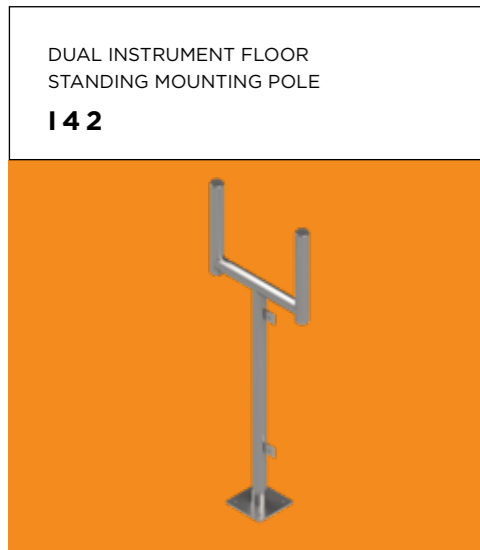
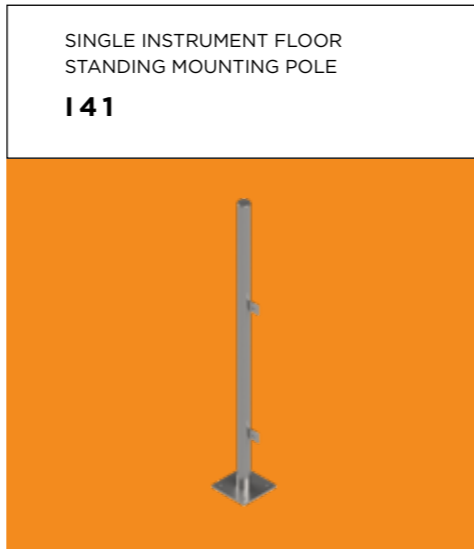
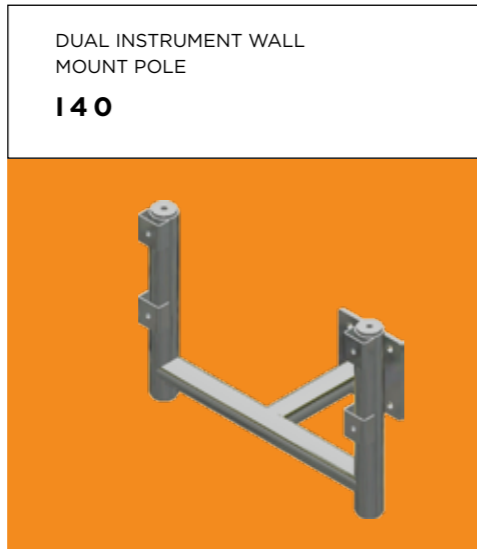
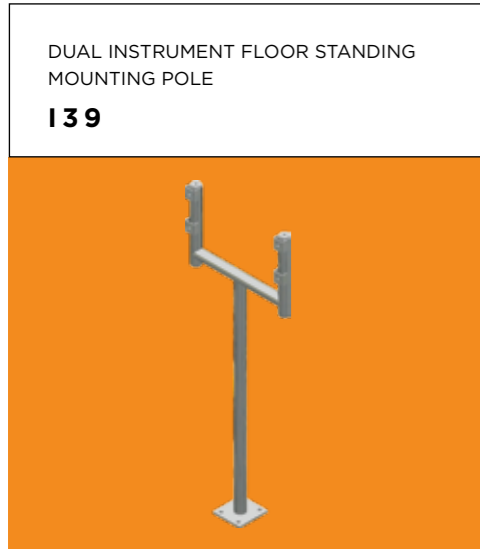


Available in HDG and stainless steel

# INSTRUMENT POLES



# PLANT POLES



Available in HDG and stainless steel



ELECTRICAL & MECHANICAL  
**PROFESSIONAL SERVICES**

Phoenix EMS offers comprehensive in-house engineering services, including design, testing, commissioning, and project documentation for product development, covering electrical and mechanical engineering, as well as lighting studies and audits.

**PHOENIX**  
ENGINEERING & MANUFACTURING SOLUTIONS

UNRIVALLED  
ENGINEERING  
CAPABILITIES

**1300 074 636**  
[www.phoenixems.com.au](http://www.phoenixems.com.au)

## P001

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

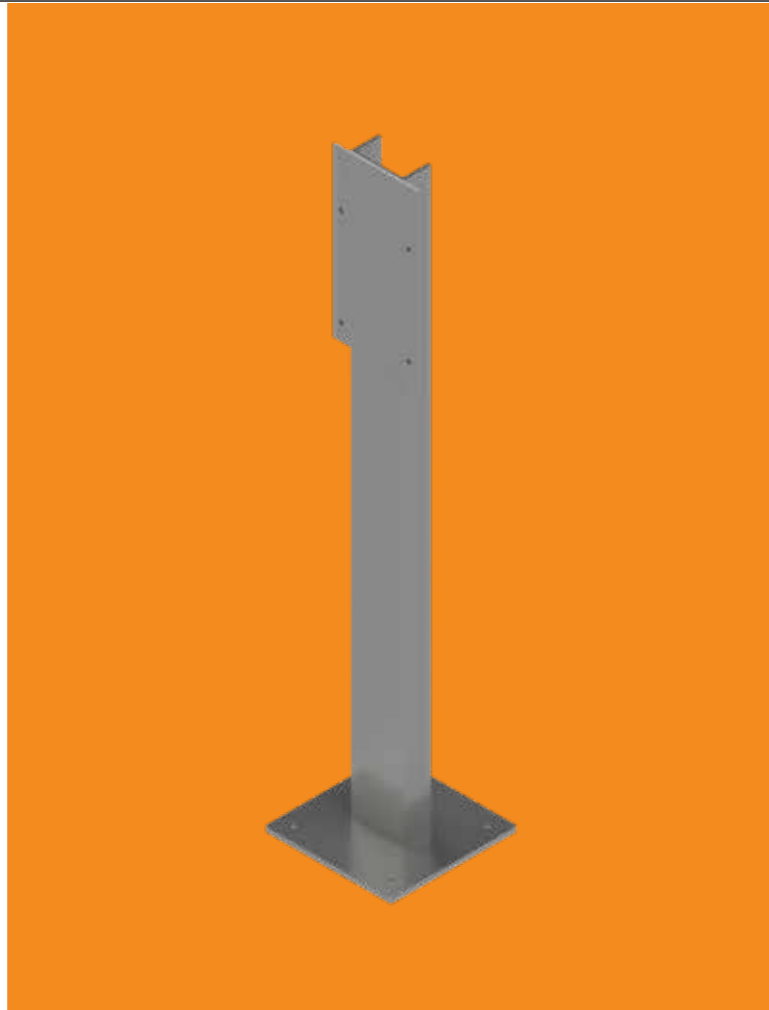
- HDG - Hot Dipped Galvanised
- 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P001-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P001-SS	STAINLESS STEEL	MILL



## P002

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

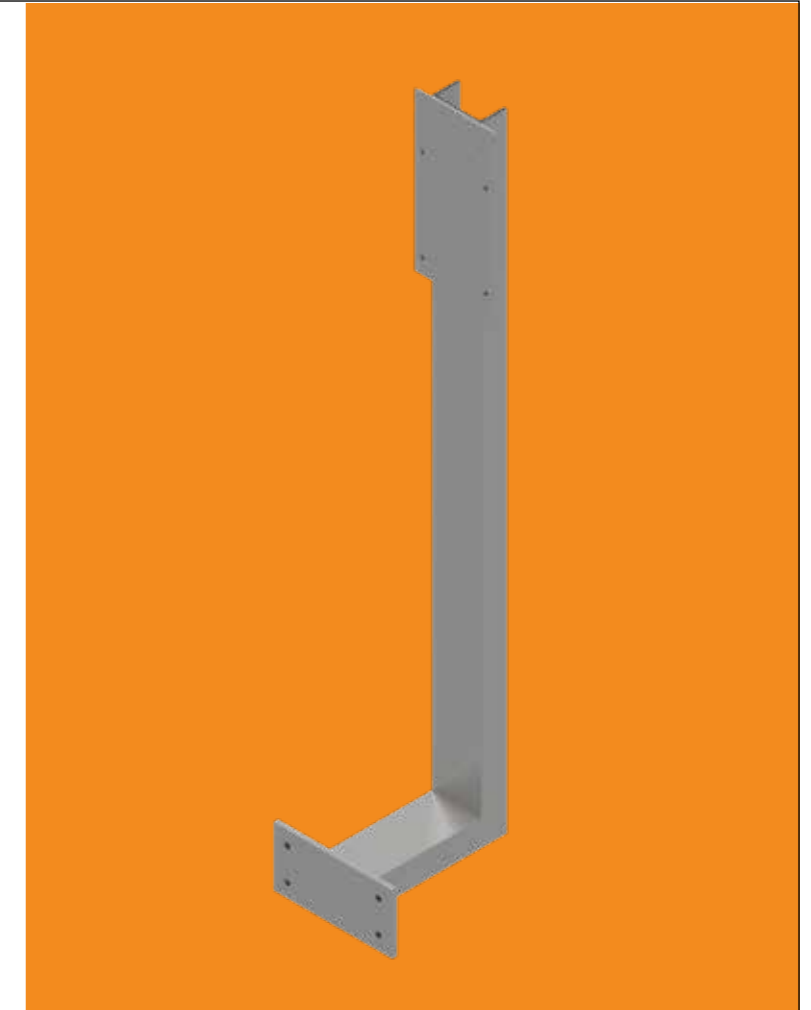
- HDG - Hot Dipped Galvanised
- 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P002-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P002-SS	STAINLESS STEEL	MILL



## P003

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

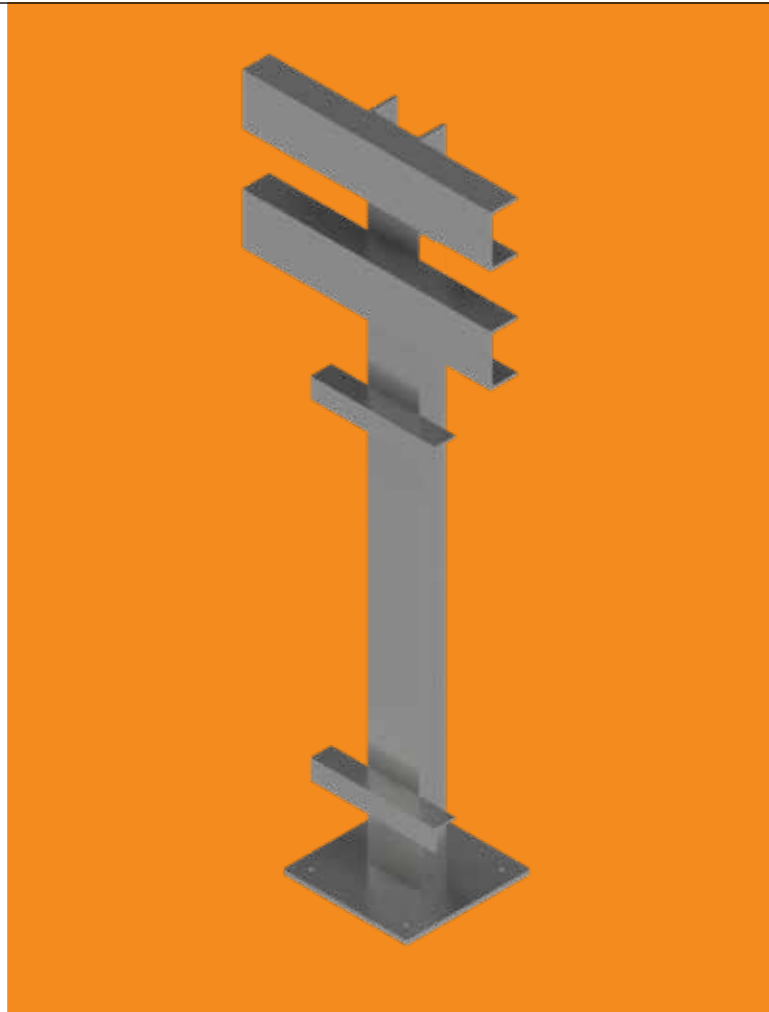
- HDG - Hot Dipped Galvanised
- 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P003-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P003-SS	STAINLESS STEEL	MILL



## P004

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

- HDG - Hot Dipped Galvanised
- 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P004-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P004-SS	STAINLESS STEEL	MILL



## P005

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

- HDG - Hot Dipped Galvanised
- Rag bolt cage assembly in 316 Stainless Steel

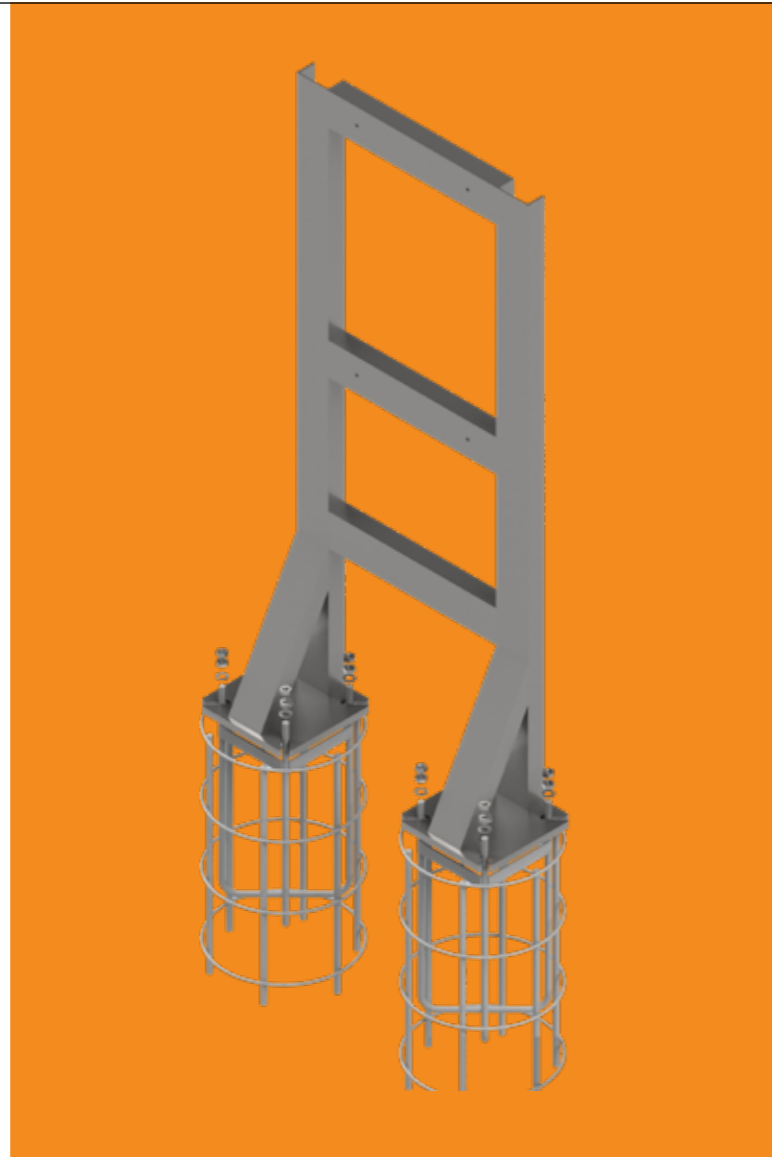
#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P005-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P005-SS	STAINLESS STEEL	MILL

COMPATIBLE WITH: US-4M-RBCA, US-6M-RBCA



## P006

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

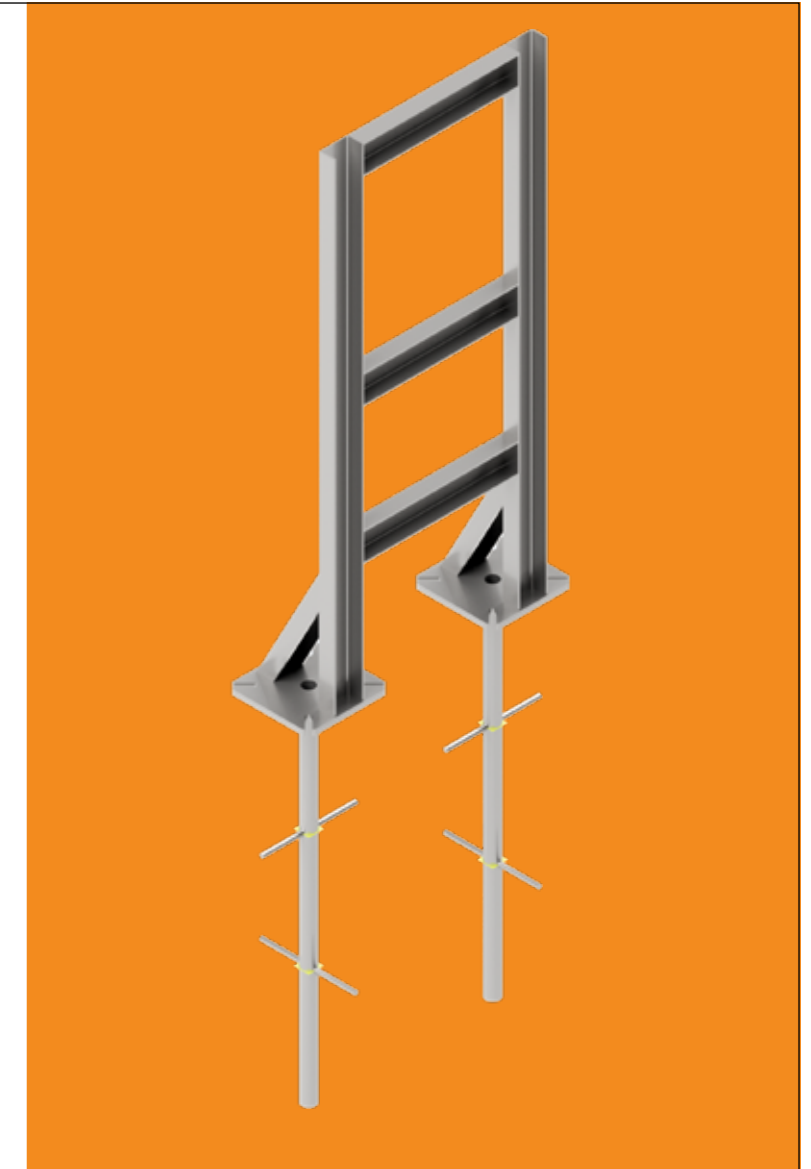
- HDG - Hot Dipped Galvanised
- Direct buried plant pole in 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P006-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P006-SS	STAINLESS STEEL	MILL



## P007

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

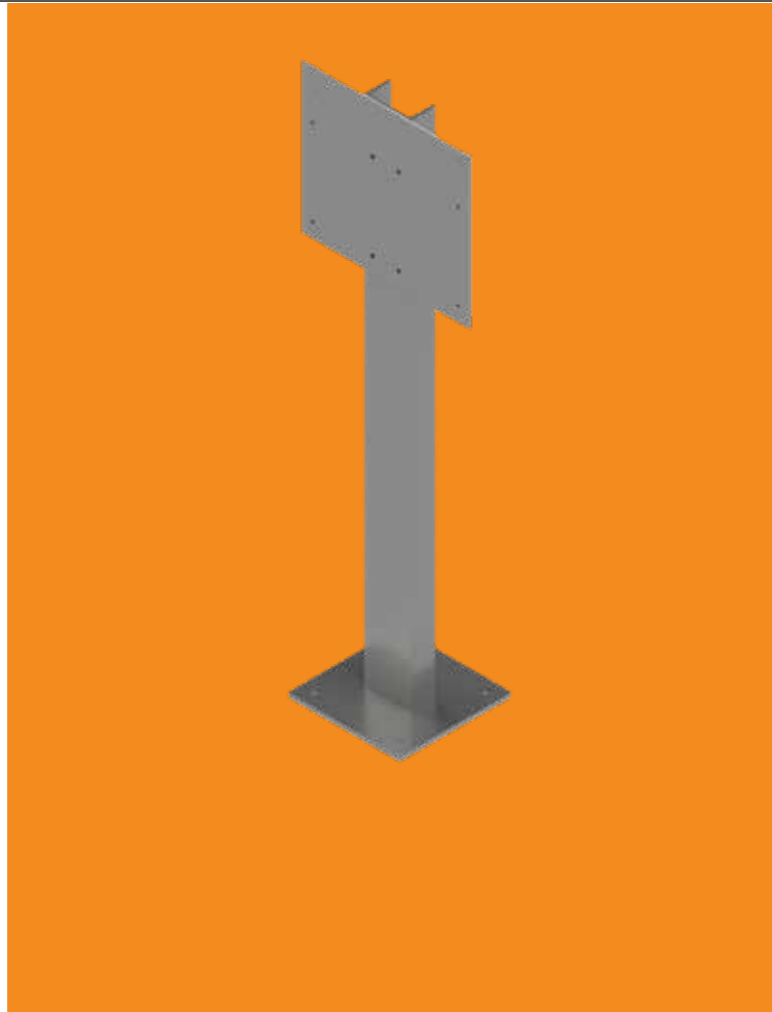
- HDG - Hot Dipped Galvanised
- 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P007-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P007-SS	STAINLESS STEEL	MILL



## P008

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

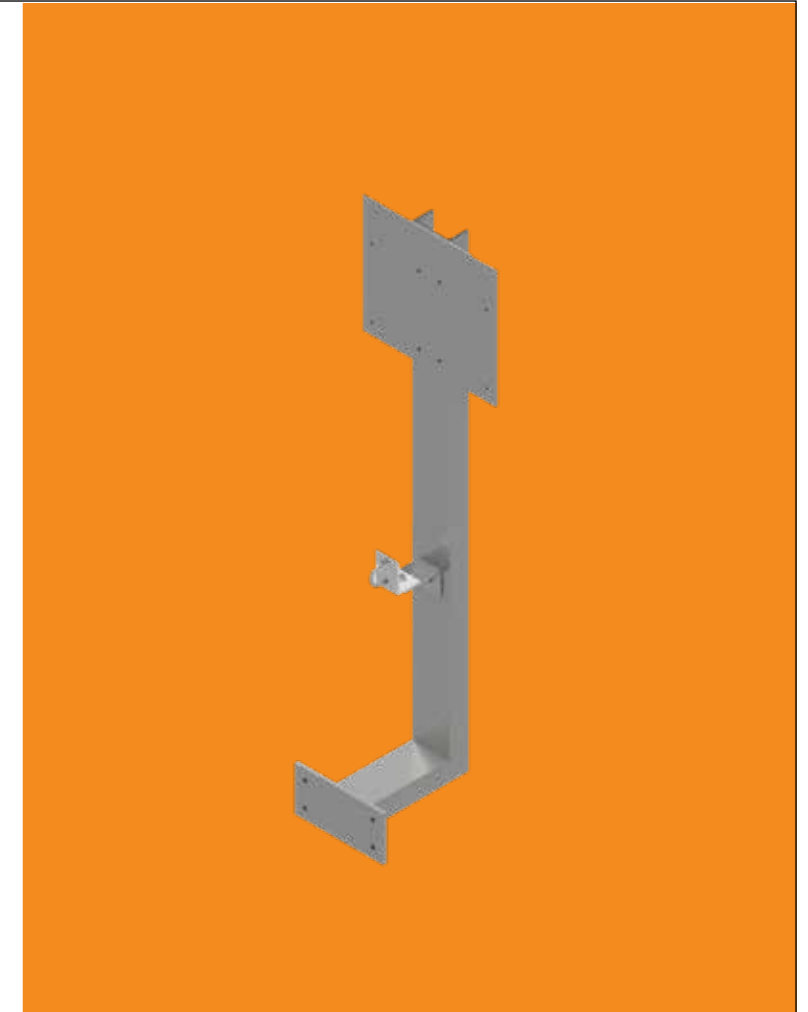
- HDG - Hot Dipped Galvanised
- 316 Stainless Steel

#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P008-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P008-SS	STAINLESS STEEL	MILL



## P009

### GENERAL ARRANGEMENT

#### TYPICAL APPLICATIONS

##### Mounting Systems for:

- Electrical Enclosures
- Field Devices
- Junction/Marshalling Boxes
- Instrumentation
- Weatherhoods
- IOT Devices
- Pushbutton & Control Stations

#### FEATURES + BENEFITS

Ultraswing™ Plant Poles are designed for Industrial and Mining applications. This product range provides a complete range of mounting arrangements, simplifying installation of Electrical Enclosures and Field Devices, saving site installation time and capital costs.

#### MATERIALS OF CONSTRUCTION

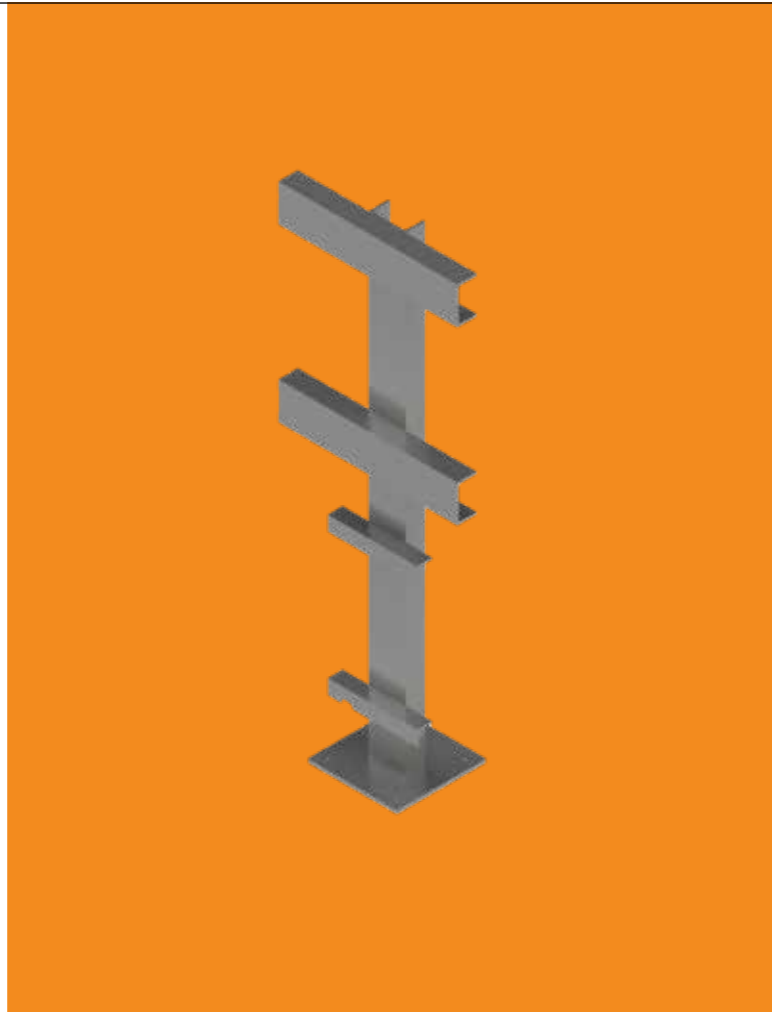
- HDG - Hot Dipped Galvanised
- 316 Stainless Steel


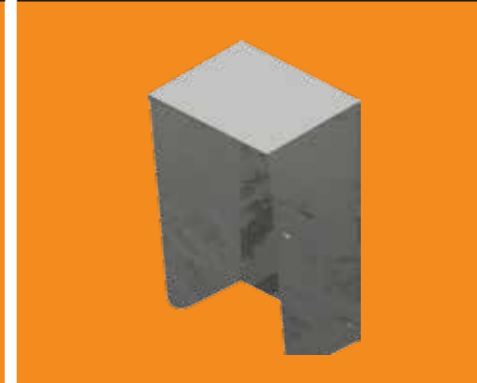
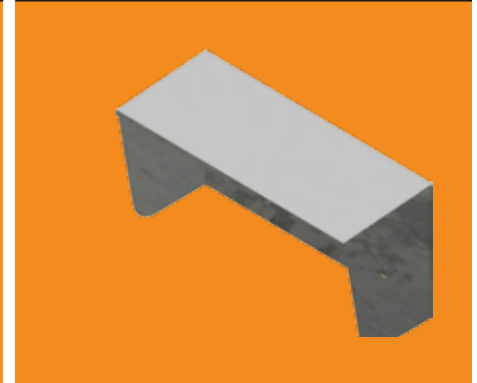






#### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

#### ORDERING CODES

PART NUMBER	MATERIAL	FINISH
P009-MG	MILD STEEL GALVANISED	HOT DIPPED GALVANISED
P009-SS	STAINLESS STEEL	MILL



<p>WEATHER COVERS 1500 X 1000 <b>WS-01</b></p> 	<p>WEATHER COVERS 500 X 500 <b>WS-02</b></p> 	<p>WEATHER COVERS 1000 X 500 <b>WS-03</b></p> 
<p>WEATHER COVERS 1000 X 1000 <b>WS-04</b></p> 	<p>WEATHER COVERS 1500 X 500 <b>WS-05</b></p> 	<p>WEATHER COVERS 1500 X 1000 <b>WS-06</b></p> 
<p>WEATHER COVERS 1500 X 1000 <b>WS-07</b></p> 	<p>WEATHER COVERS 1500 X 1000 <b>WS-08</b></p> 	<p>WEATHER COVERS 1500 X 1000 <b>WS-09</b></p> 

Options available: HDG, 304 stainless steel, 316 stainless steel, aluminium, powdercoated mild steel



# 7

## SOLAR PODS

HDPE WATER FILLED PODS

CONCRETE PODS

STEEL PODS

Ultraswing™ with our partner GreenTek Solutions offer a range of Pods designed for both fixed and temporary applications. Manufactured in Concrete and Steel. We offer a range of types suitable for multiple applications across Industry & Mining.

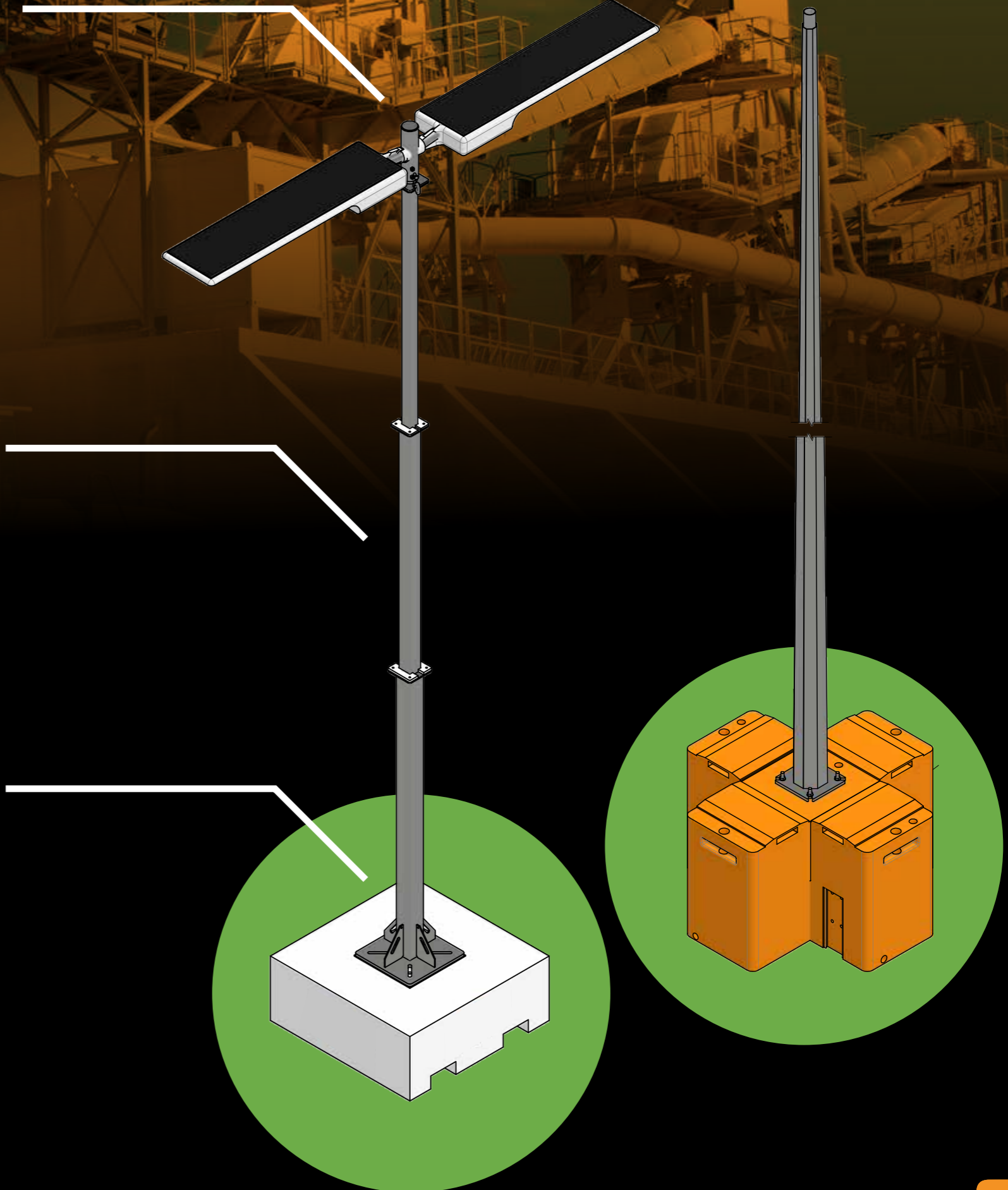


POLES



MANUFACTURED BY PHOENIX EMS

BASES



# HDPE POD



## HDPE WATER FILLED BASE

### TYPICAL APPLICATIONS

- Temporary Lighting Solutions
- Car Park Lighting
- Project & Construction Lighting
- Mine Site Roadways
- Security & Event Lighting
- Pedestrian Crossings
- Council & Municipal Applications
- CCTV Solutions
- Weather stations
- Communication
- Traffic Lights

### FEATURES + BENEFITS

Complete with lifting attachments and a full range of mounting attachments.

### MATERIALS OF CONSTRUCTION

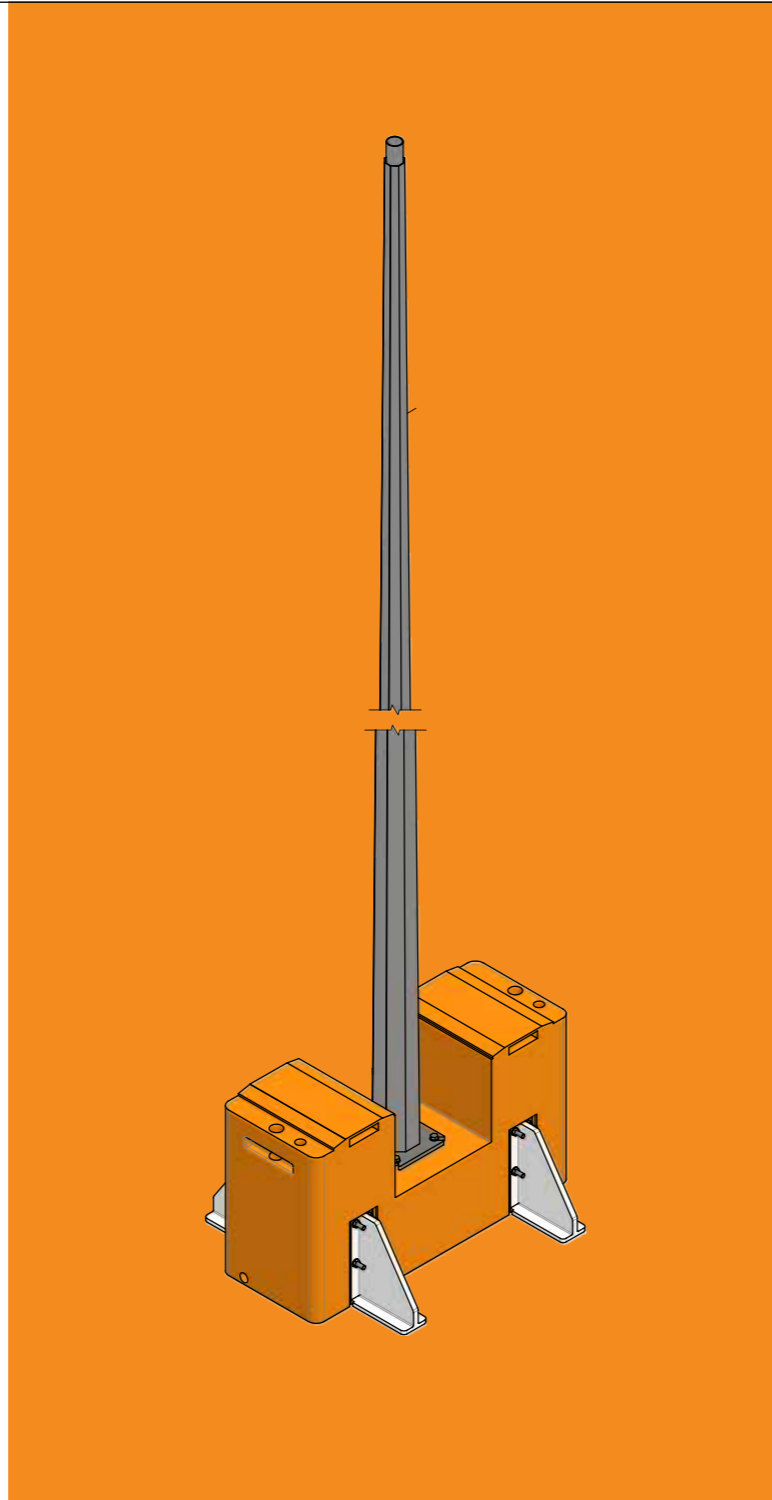
UV Resistant HDPE

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

### ORDERING CODES

PRODUCT CODE	MATERIAL	DIMENSIONS	WEIGHT (WATER FILLED)	COMPATIBLE POLE
GTS-PB-1	HDPE	1.5M X 0.6M X 0.9M	785KG	4M & 6M POLES



# HDPE POD



## HDPE WATER FILLED BASE

### TYPICAL APPLICATIONS

- Temporary Lighting Solutions
- Car Park Lighting
- Project & Construction Lighting
- Mine Site Roadways
- Security & Event Lighting
- Pedestrian Crossings
- Council & Municipal Applications
- CCTV Solutions
- Weather stations
- Communication
- Traffic Lights

### FEATURES + BENEFITS

Complete with lifting attachments and a full range of mounting attachments.

### MATERIALS OF CONSTRUCTION

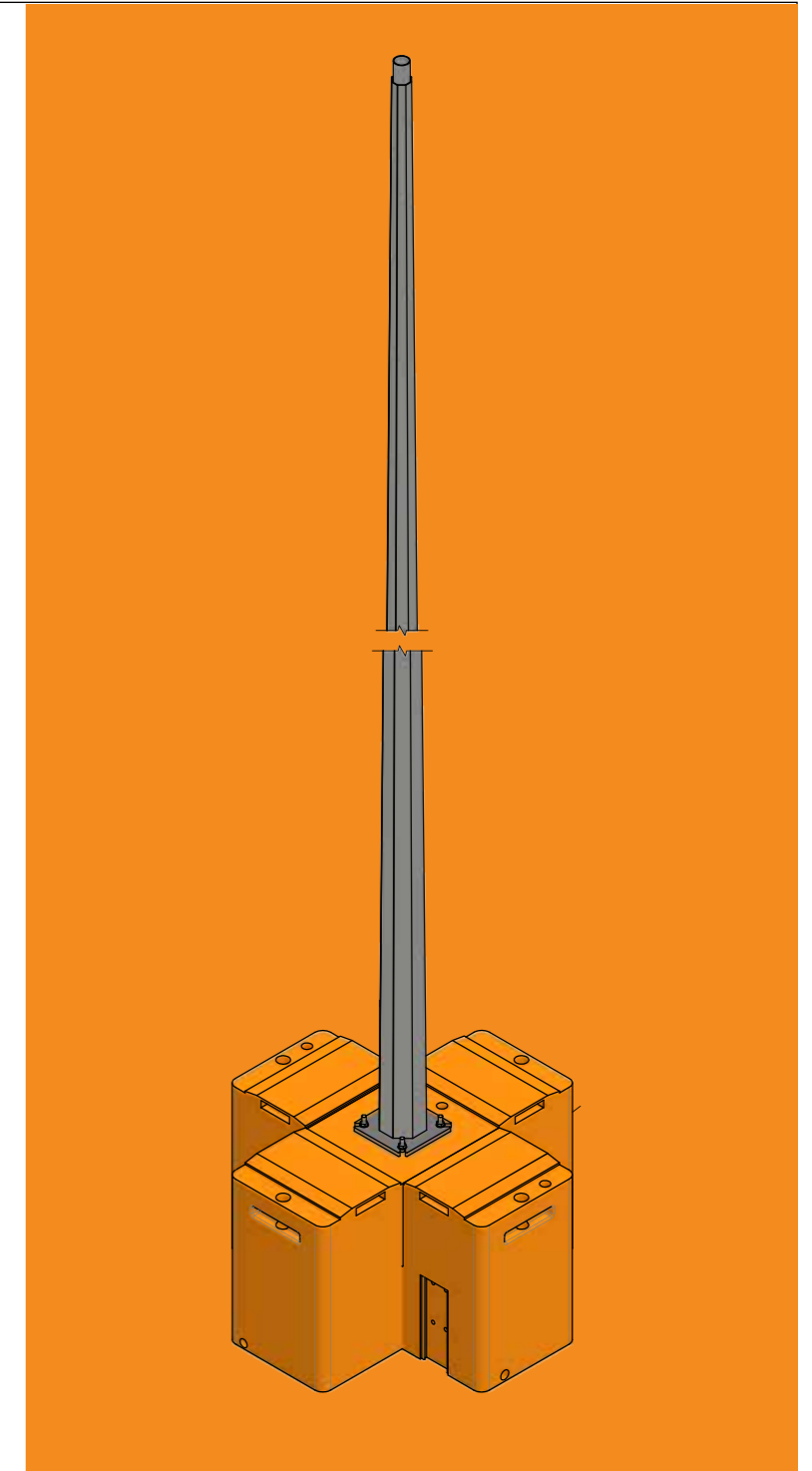
UV Resistant HDPE

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

### ORDERING CODES

PRODUCT CODE	MATERIAL	DIMENSIONS	WEIGHT (WATER FILLED)	COMPATIBLE POLE
GTS-PB-2	HDPE	1.5M X 1.6M X 0.9M	1545KG	4M, 6M & 8M POLES



# CONCRETE PODS

## CONCRETE BASE

### TYPICAL APPLICATIONS

- Temporary Lighting Solutions
- Car Park Lighting
- Project & Construction Lighting
- Mine Site Roadways
- Security & Event Lighting
- Pedestrian Crossings
- Council & Municipal Applications
- CCTV Solutions
- Weather stations
- Communication
- Traffic Lights

### FEATURES + BENEFITS

- Complete with lifting attachments, forklift tyne points
- Reduce Maintenance Costs
- Mobile / Temporary unit

### MATERIALS OF CONSTRUCTION

- Reinforced Concrete - 32MPA

### WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

### ORDERING CODES

PRODUCT CODE	MATERIAL	DIMENSIONS	WEIGHT	COMPATIBLE POLE
GTS-CSP-1	Reinforced Concrete	1.2M X 1.2M X 0.375M	1110KG	4M & 6M POLES
GTS-CSP-2	Reinforced Concrete	1.2M X 1.2M X 0.675M	2087KG	8M & 10 POLES
GTS-CSP-3	Reinforced Concrete	1.5M X 1.5M X 0.6M	3114KG	12M & 15M POLES
GTS-CSP-4	Reinforced Concrete	1.5M X 1.5M X 0.8M	4100KG	12M & 15M POLES



**GREEN-TEK**  
SOLUTIONS  
MANUFACTURED BY PHOENIX EMS



# STEEL PODS TELESCOPIC



MOBILE LIGHT TOWER WITH TELESCOPIC POLES

## TYPICAL APPLICATIONS

- Temporary Lighting Solutions
- Car Park Lighting
- Project & Construction Lighting
- Mine Site Roadways
- Security & Event Lighting
- Pedestrian Crossings
- Council & Municipal Applications
- CCTV Solutions
- Weather stations
- Communication

## FEATURES + BENEFITS

- Complete with lifting attachments, forklift tyne points
- Reduce Maintenance Costs
- Mobile / Temporary unit

## MATERIALS OF CONSTRUCTION

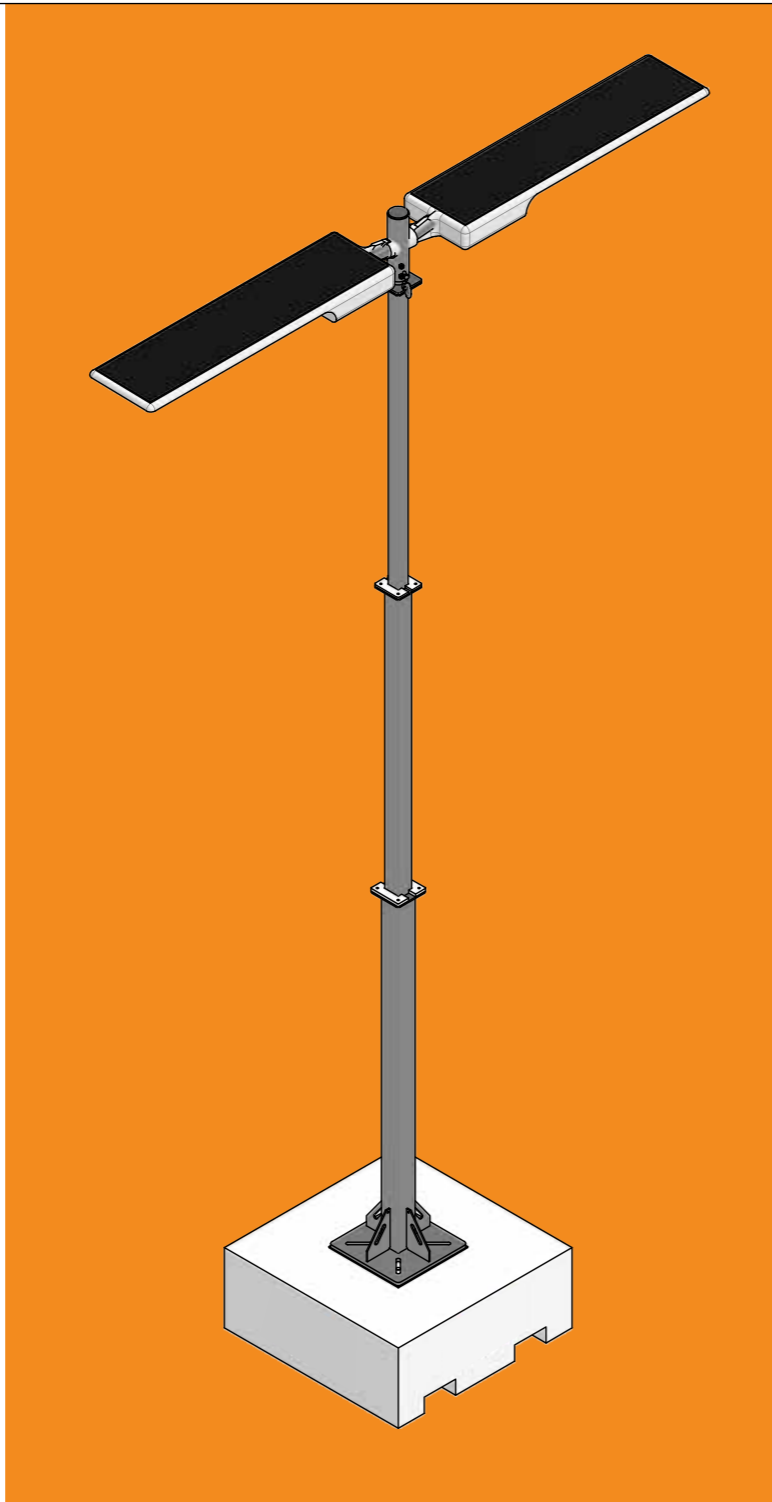
- Mild Steel (Rust Proof Finish)
- Concrete Filled
- Sand Filled

## WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

## ORDERING CODES

PRODUCT CODE	MATERIAL	FINISH	POLE
GTS-MLT-4M	MILD STEEL	POWDER COATED	HDG / POWDER COATED
GTS-MLT-10M	MILD STEEL	POWDER COATED	HDG / POWDER COATED



# STEEL PODS MID HINGED



MOBILE LIGHT TOWER WITH MID HINGED POLE

## TYPICAL APPLICATIONS

- Temporary Lighting Solutions
- Car Park Lighting
- Project & Construction Lighting
- Mine Site Roadways
- Security & Event Lighting
- Pedestrian Crossings
- Council & Municipal Applications
- CCTV Solutions
- Weather stations
- Communication

## FEATURES + BENEFITS

- Complete with lifting attachments, forklift tyne points
- Reduce Maintenance Costs
- Mobile / Temporary unit

## MATERIALS OF CONSTRUCTION

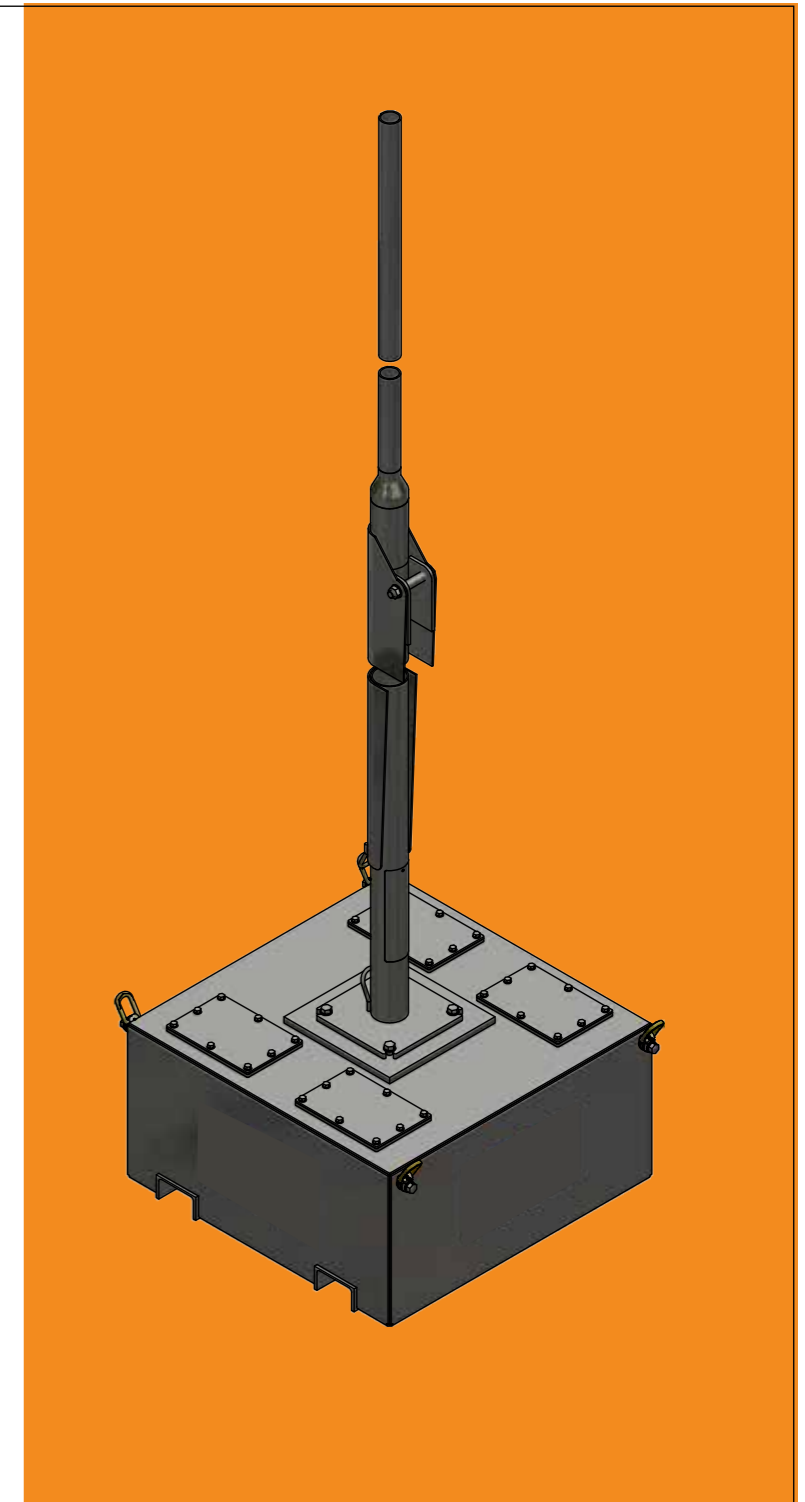
- Mild Steel (Rust Proof Finish)
- Concrete Filled
- Sand Filled

## WIND REGIONS

Suitable for Wind Regions **A, B, C, D** on Application

## ORDERING CODES

PRODUCT CODE	MATERIAL	FINISH
US-MHP-4M	MILD STEEL	MID HINGED POLE HDG
US-MHP-6M	MILD STEEL	MID HINGED POLE HDG
US-MHP-8M	MILD STEEL	MID HINGED POLE HDG





# FIELD SOLAR POWER SOLUTIONS

[phoenixems.com.au](http://phoenixems.com.au)



# 8

## TERMINATION/ JUNCTION BOXES & ISOLATORS

Phoenix EMS Termination junction boxes and isolators are the perfect match for the Ultraswing range of Poles. Recognized throughout the mining and resources industry these termination enclosures are a premium quality build product designed to withstand the toughest environments



# PEX1 TERMINAL ENCLOSURE



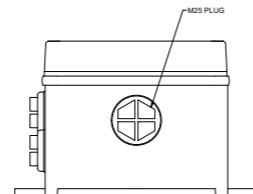
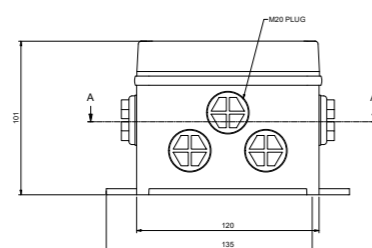
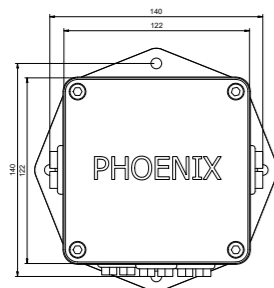
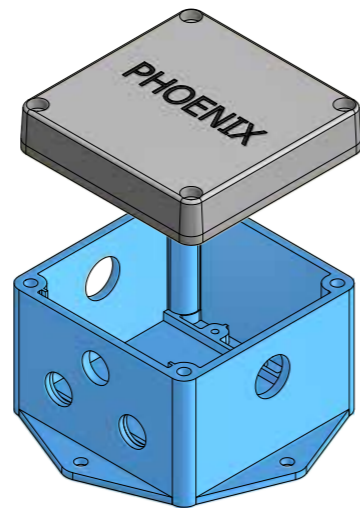
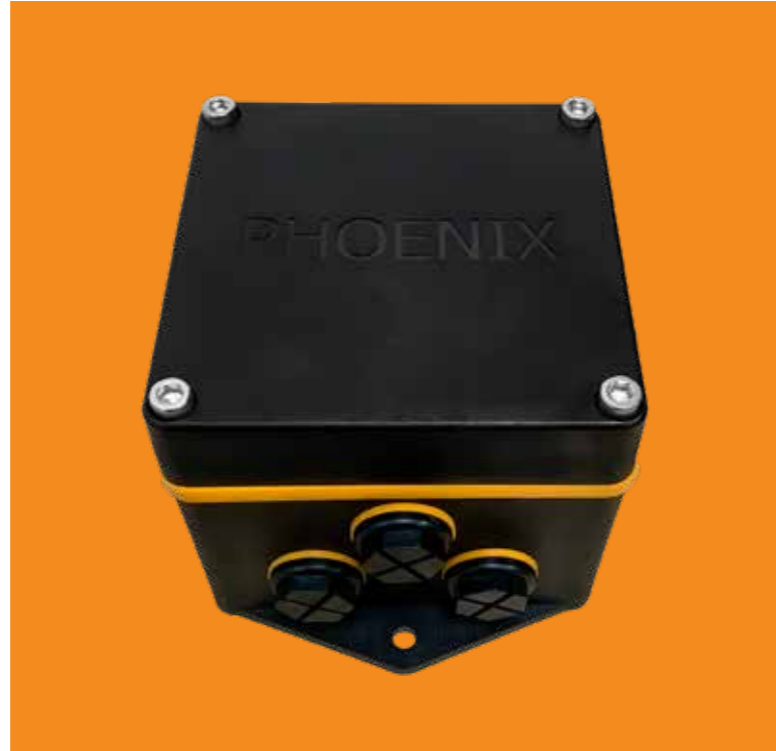
PEX SERIES GRP TERMINAL ENCLOSURE

## FEATURES + BENEFITS

- GRP (Glass Reinforced Polycarbonate)
- Valox FR Resin 553 (UV Rated)
- 110 MPA Tensile Strength
- IK10 Impact Rating
- Silicone Gaskets UV Rated
- Entries 3 X 20MM + 2 X 25MM
- Terminals Standard 6 X 6MM2 Screw Terminals, 2 X 6MM2 Earth
- Range of Terminal Sizes Available
- Metal Threaded Inserts

## ORDERING CODES

MODEL NO.	DIMENSIONS MM			USEABLE DEPTH
	H	W	D	
PEX1	101	120	100	100



# PEX2 TERMINAL ENCLOSURE



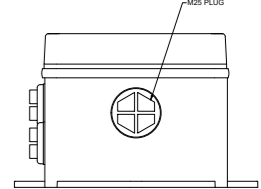
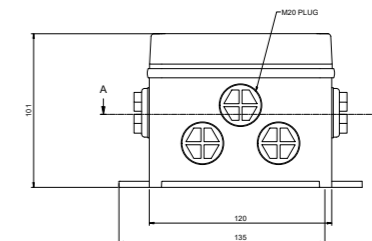
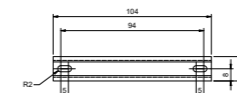
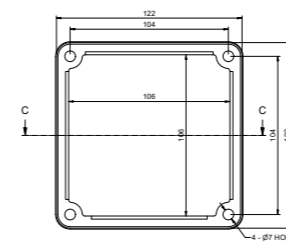
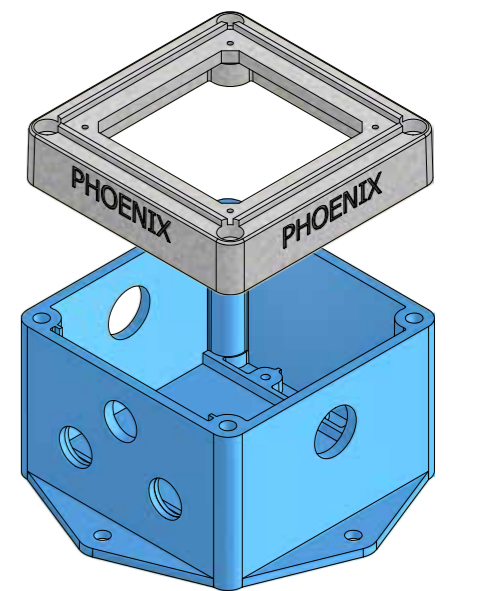
PEX SERIES GRP ISOLATOR ENCLOSURE

## FEATURES + BENEFITS

- Clipsal switch fitted to lid
- GRP (Glass Reinforced Polycarbonate)
- Valox FR Resin 553 (UV Rated)
- 110 MPA Tensile Strength
- IK10 Impact Rating
- Silicone Gaskets UV Rated
- Entries 3 X 20MM + 2 X 25MM
- Terminals Standard 6 X 6MM2 Screw Terminals, 2 X 6MM2 Earth
- Range of Terminal Sizes Available
- Metal Threaded Inserts

## ORDERING CODES

MODEL NO.	DIMENSIONS MM			USEABLE DEPTH
	H	W	D	
PEX2	164	120	120	100



# PEX3 TERMINAL ENCLOSURE



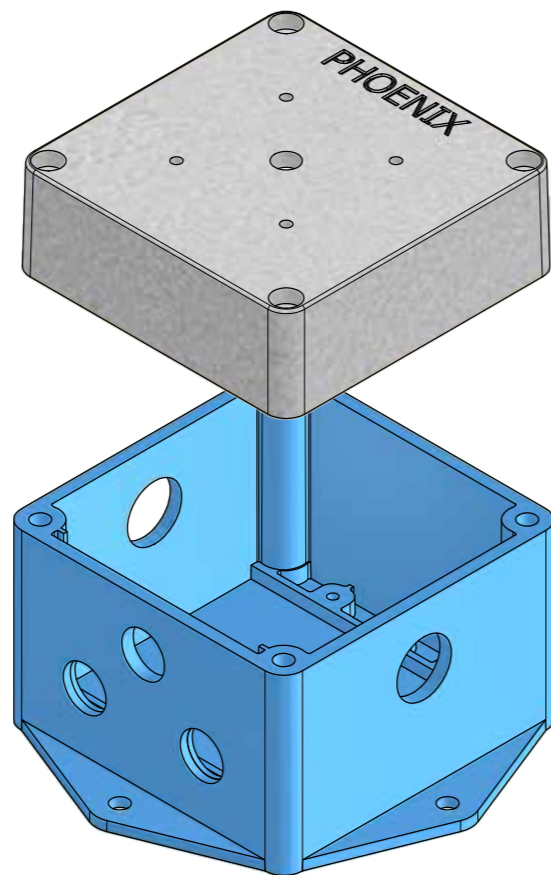
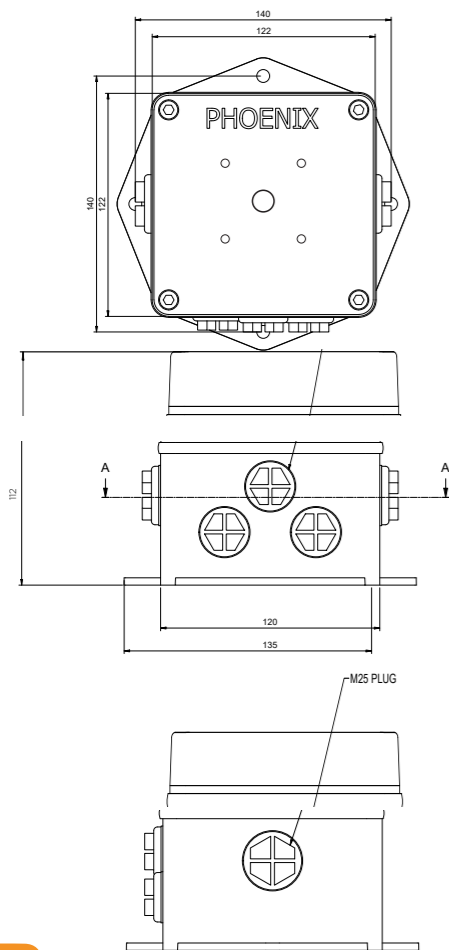
PEX SERIES GRP ROTARY SWITCH

## FEATURES + BENEFITS

- Phoenix Series Rotary Switch
- 3 Pole, 20AMPS,
- 440VAC, 50HZ
- Padlockable
- GRP (Glass Reinforced Polycarbonate)
- Valox FR Resin 553 (UV Rated)
- 110 MPA Tensile Strength
- IK10 Impact Rating
- Silicone Gaskets UV Rated
- Entries 3 X 20MM + 2 X 25MM

## ORDERING CODES

MODEL NO.	DIMENSIONS MM			USEABLE DEPTH
	H	W	D	
PEX3	112	120	100	100



# PEMS-TJB151590 TERMINATION ENCLOSURE



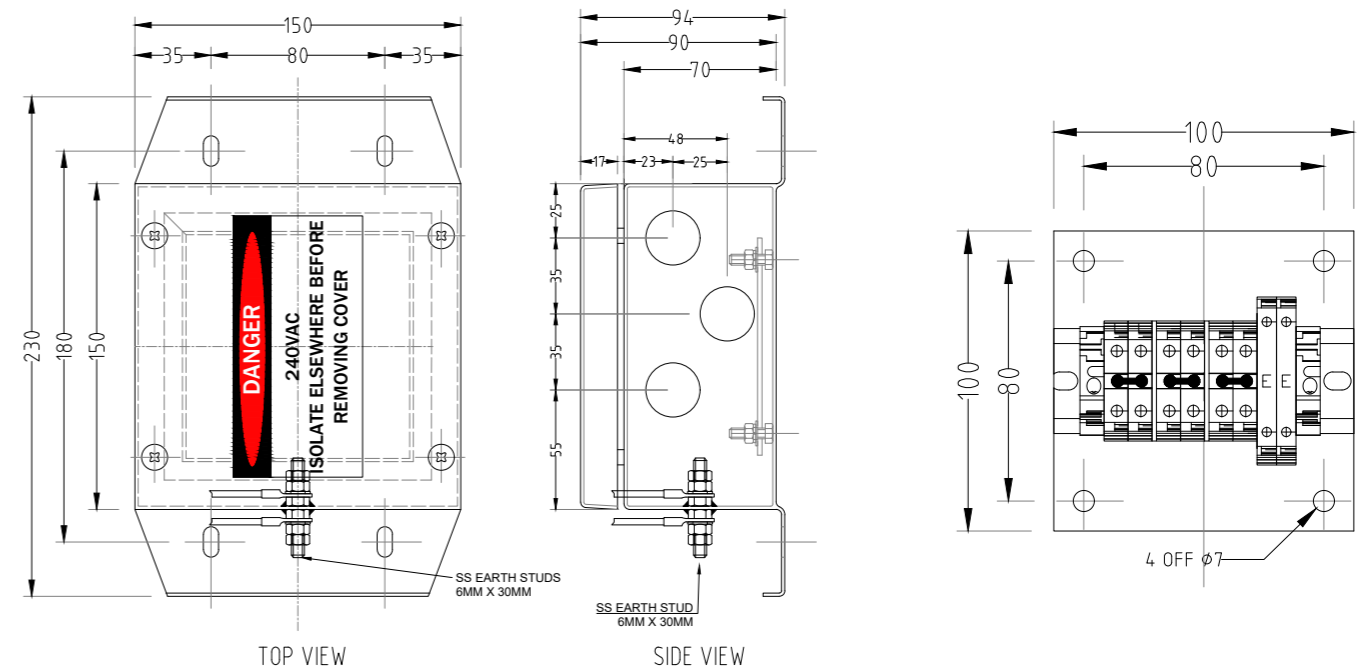
STAINLESS STEEL TERMINATION ENCLOSURE WITH TERMINALS

## FEATURES + BENEFITS

- IP66
- 316SS with N4 Finish
- Body Construction 1.5mm
- Flange Mounted
- Fully Welded Construction
- Captive Screws
- 2mm mounting pan
- 3x25mm Dia Holes for Cable glands
- 6 x 6mm Terminals
- 2 x 4mm Earth Terminals
- Danger Label
- External Earth Stud

## ORDERING CODES

MODEL NO.	DIMENSIONS MM			USEABLE DEPTH
	H	W	D	
PEMS-TJB-151590	150	230	94	70



# PEMS-TJB152890 TERMINATION ENCLOSURE



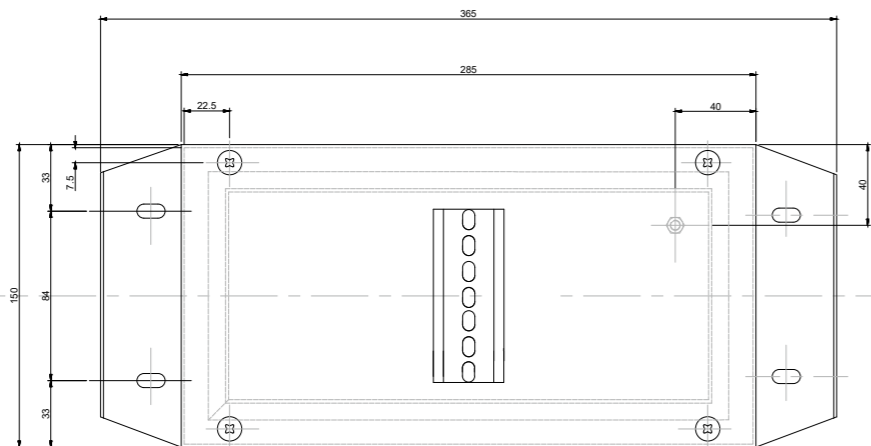
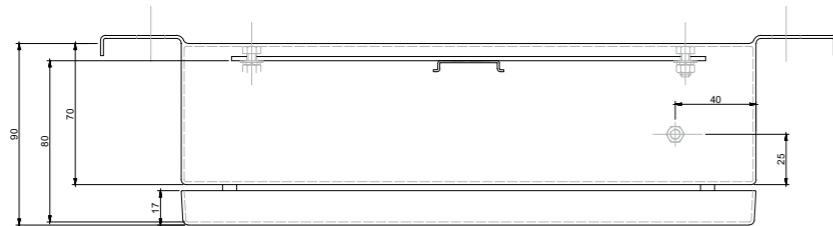
STAINLESS STEEL TERMINATION ENCLOSURE

## FEATURES + BENEFITS

- IP66
- 316SS with N4 Finish
- Body Construction 1.5mm
- Flange Mounted
- Fully Welded Construction
- Captive Screws
- 2mm mounting pan
- External Earth Stud
- DIN Rail Supplied

## ORDERING CODES

MODEL NO.	DIMENSIONS MM			USEABLE DEPTH
	H	W	D	
PEMS-TJB152890	150	365	90	70



# TERMINAL BOX



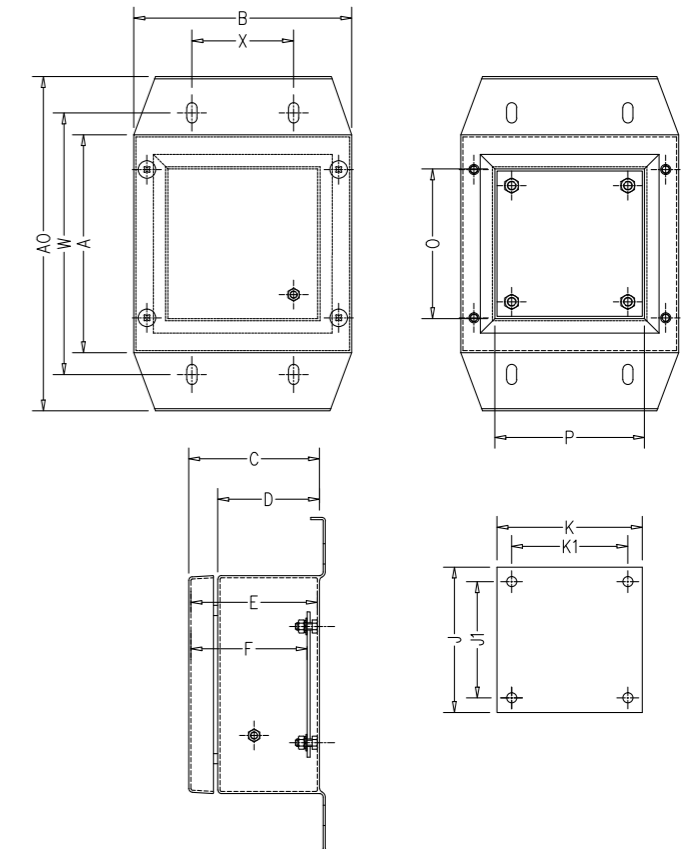
STAINLESS STEEL TERMINAL BOX

## FEATURES + BENEFITS

- IP66
- 316 stainless steel
- Body construction 1.5mm
- Flange mounted
- Fully welded construction
- Captive screws
- Polyurethane gasket
- Mounting pan 2mm powder coated white mild
- Earth strap kit

## ORDERING CODES

MODEL NO.	DIMENSIONS MM			USEABLE DEPTH
	H	W	D	
PSTB111175	110	110	75	65
PSTB151512	150	150	125	115
PSTB151590	150	150	90	80
PSTB201512	200	150	125	115
PSTB201590	200	150	90	80
PSTB202012	200	200	125	115
PSTB202090	200	200	90	80
PSTB302012	300	200	125	115
PSTB302090	300	200	90	80
PSTB303012	300	300	125	115
PSTB402012	400	200	125	115
PSTB403012	400	300	125	115
PSTB503012	500	300	125	115
PSTB504012	500	400	125	115
PSTB604015	600	400	150	140
PSTB806015	800	600	150	140





# 9

## VALUE-ADD SERVICES

## VALUE-ADD SOLUTIONS

## PROFESSIONAL SERVICES

## MANUFACTURING CAPABILITIES

## LIGHTING DESIGN

## LED LIGHT OVERVIEW

Phoenix EMS offers in-house Electrical Engineering Design, Assembly, Wiring solutions, and comprehensive FAT & Documentation services. Tailored for diverse projects and market segments, we provide key clients with streamlined support from start to finish.



# VALUE-ADD SOLUTIONS

Phoenix EMS provides extensive pre-assembled pole packages to assist with reduction of site installation times. These services are available.



**1 SPECIFY LED FIXTURE**  
OVER 40 FIXTURE OPTIONS AVAILABLE

**2 MATCH TO REQUIRED POLE**  
FIXED, SWINGING, TAPERED OR HEXAGONAL FROM 2 -20M

**3 TURN-KEY ASSEMBLIES DELIVERED**  
READY FOR INSTALLATION, PRE-WIRED & TESTED

UNLIMITED LIGHT AND POLE COMBINATIONS TO SUIT EVERY MINING OR INDUSTRIAL APPLICATION

### PHOENIX EMS™ LIGHT POLE / LIGHT FITTING / PRE-ASSEMBLED MODEL

Phoenix EMS™ provides complete Turnkey solution packages to our clients comprising:

Reduce site time and capital project costs with Phoenix EMS™ value add capabilities

- Light Pole Assembly
- Pre-wired Lights
- Pre-wired tails into the Lighting Termination Enclosure
- Mounting Hardware Fitted
- Testing
- ITP
- Packaging
- Delivery to Site

# PROFESSIONAL SERVICES



Engineering Services



LED Lighting Supply



Light Poles Fully Assembled



Junction Boxes Fitted with Terminals and Gland Entries



LED Light Fittings Pre-wired with 3m Tails



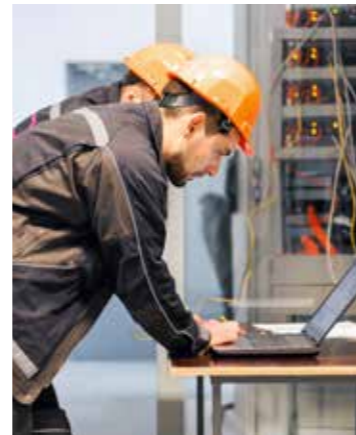
LED Light Fittings Fitted to Poles



LED Light Fitting Terminated into Junction Box



Packaging and Shipping



Comprehensive After Sale Support

# MANUFACTURING CAPABILITIES



## TURNKEY ELECTRICAL & MECHANICAL MANUFACTURING

Phoenix Engineering & Manufacturing Solutions is a multi-disciplined IP business operating across Australia with manufacturing facilities located in Newcastle NSW, Perth and Brisbane, Australia, with autonomous manufacturing facilities spanning across 4,000m<sup>2</sup>, including sales & administrations offices, warehouse, workshops hardstand areas. Specialising in both electrical and mechanical manufacturing,

Phoenix EMS supplies leading electrical and mechanical products, value-add solutions, engineering services & professional support services to our valued clients.

## UNRIVALLED ENGINEERING & MANUFACTURING SOLUTIONS

Phoenix EMS supplies leading electrical and mechanical products, value-add solutions, engineering services & professional support services to our valued clients throughout Australia.

<ul style="list-style-type: none"> <li>• Turnkey Electrical &amp; Mechanical Manufacturing</li> <li>• Engineering Design</li> <li>• Electrical Control Panel Design</li> <li>• Drafting</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Wiring</li> <li>• OEM Equipment Manufacture</li> <li>• FAT &amp; Testing</li> <li>• Commissioning</li> <li>• Laser Cutting + Rotary Laser</li> <li>• Welding and Radial Drilling</li> </ul>	<ul style="list-style-type: none"> <li>• Fabrication</li> <li>• Bending and Folding</li> <li>• Powder coating</li> <li>• Pour in Place Polyurethane Gasket Machine</li> </ul>
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# MANUFACTURING CAPABILITIES



## MECHANICAL MANUFACTURING



### Laser Cutting + Rotary Laser

Phoenix EMS mechanical division offers Fibre Laser cutting services for both flat sheet & rotary pipe cutting. The Lasers provide advanced, computer controlled manufacturing process that provides precision and repeatability at a distinct cost advantage. Cutting can be applied to a wide range of materials with minimal impact on the material structure. Eliminating the need to 'tool up', short lead times and short production runs become a viable option with laser cutting.



### Welding and Radial Drilling

Where high volume welding of components or parts is required, hi-tech welding equipment and radial drilling can provide the solution you need. Precision welding, along with our automated laser cutting and press brake technology, allows us to produce large quantities of identical parts, with the added bonus of fast turnaround and repeatability.



### Fabrication

Phoenix EMS in-house fabrication facility compliments all aspects of project delivery and supports our electrical & mechanical product groups. We provide light to medium manufacturing in all materials.



### Bending and Folding

Phoenix EMS offers CNC bending and forming press brakes to simplify programming, eliminating trial bending and providing accurate, repeatable results. Our CNC press brake equipment is the perfect compliment to our advanced laser cutting technology, and allows us to provide full service solutions where state-of-the-art manufacturing methods are required.



### Powder coating

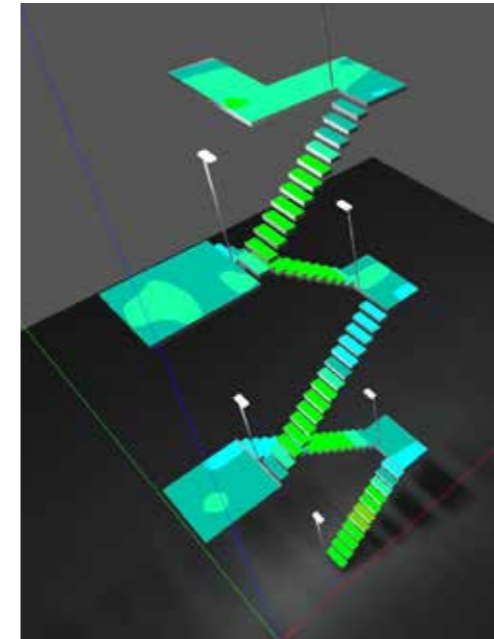
Phoenix EMS provides in-house powder-coating facilities with advanced application equipment & high efficiency oven to support our manufacturing processes. This equipment compliments our products and services and allows full control of project delivery in-house controlling



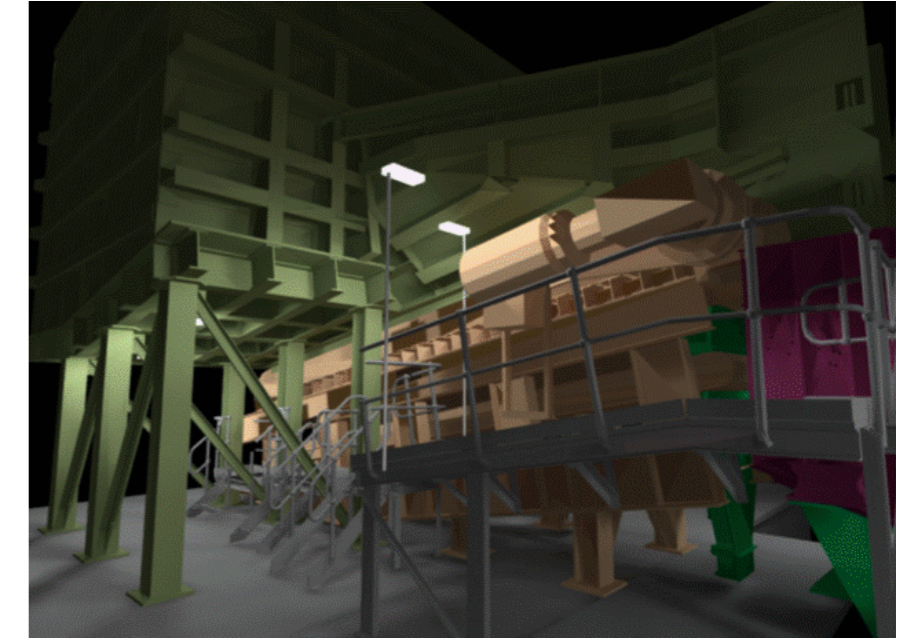
### Pour in Place Polyurethane Electrical Enclosure Gasket Machine

Phoenix EMS provides a in-house polyurethane pour-in place gasket machine to maintain and comply with our Austest certifications IP66 for all Excalibur Electrical Enclosures.

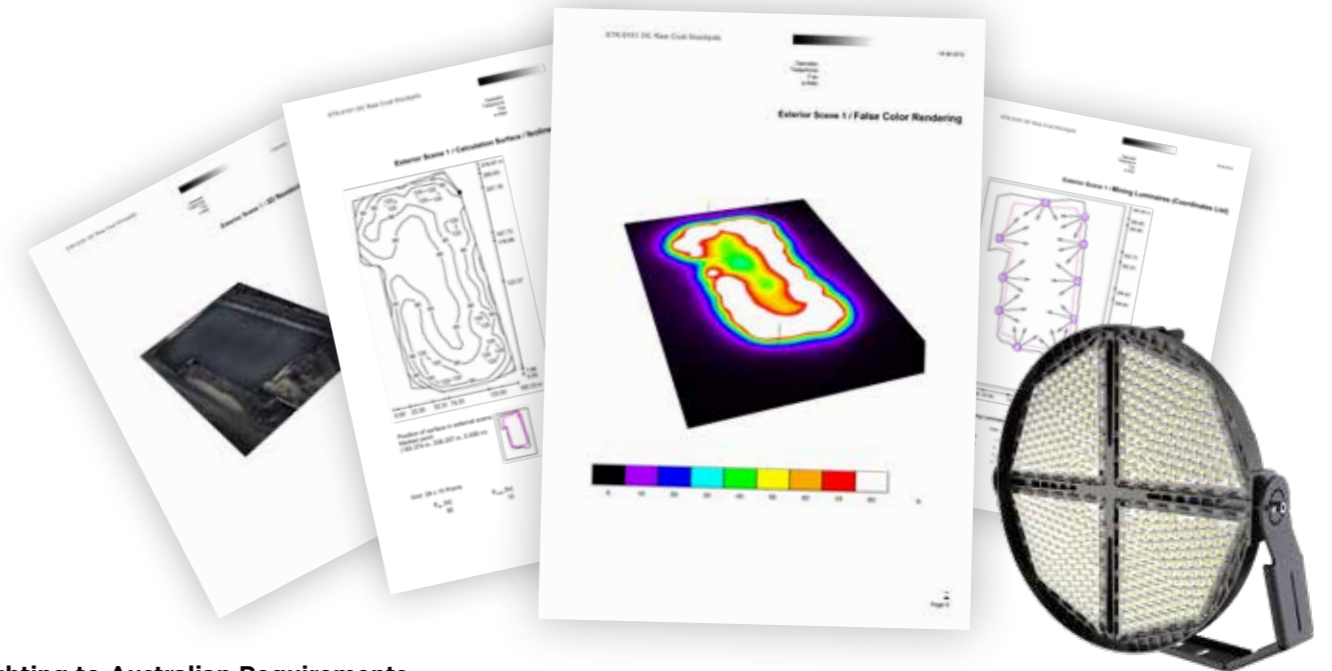
# LIGHTING DESIGN



Dialux Lighting Design



3D Modelling



## Lighting to Australian Requirements

In order to provide the right light, we conduct lighting studies by our qualified in house lighting designers and engineers. This also ensures that the lighting in your project meets Australian Lighting Standards. Based on our lighting studies, we provide you with the most suitable LED lighting solutions for your

project. Our lighting designers and engineers base their designs solely on the customers needs to develop and create a state of the art lighting solution, utilising cad, dialux, agi32 software packages to develop 2d and 3d lighting simulations.

# LED LIGHT OVERVIEW

## CONVEYOR & BULKHEAD LIGHTS



ILLUMINATOR



MASTER



EXPLORER



HUNTER

## HIGH-POWER FLOODLIGHTS



PHOENIX PLUS



RAIDER SERIES



HAWK 2



HAWK JNR



PHOENIX CHALLENGER

## AREA LIGHTING



CRUSADER



FLIGHT SERIES

## LED BATTENS WEATHERPROOF



EAGLE



FALCON



KESTREL



TEXL

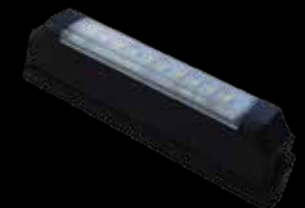


INHIBITOR

## STRIP LIGHTING



THUNDERBIRD



HUMMING BIRD

## TUNNEL LIGHTS

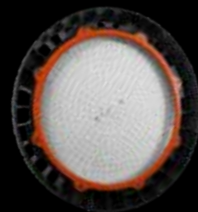


ILLUMINATOR EXTREME

## LED HIGH & LOW BAYS



GUARDIAN



HARRIER EXTREME



HARRIER PLUS



ROVER

## LINEAR LIGHTS



RAPTOR

## EXIT LIGHTING



RUNNING MAN I, II & III

## WALL PACK LIGHTS



SCOUT

## MOBILE MACHINERY



SPHINX 27-120

## SOLAR LED



SOLAR ILLUMINATOR



SOLAR SYSTEMS AND VALUE ADD SOLUTIONS



APOLLO



GALACTIC PLUS



GALACTIC MAX

## HAZARDOUS AREA



PETREL



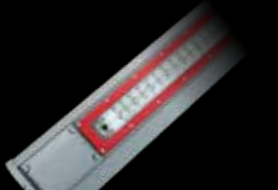
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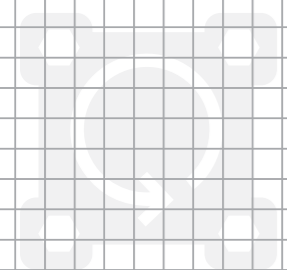
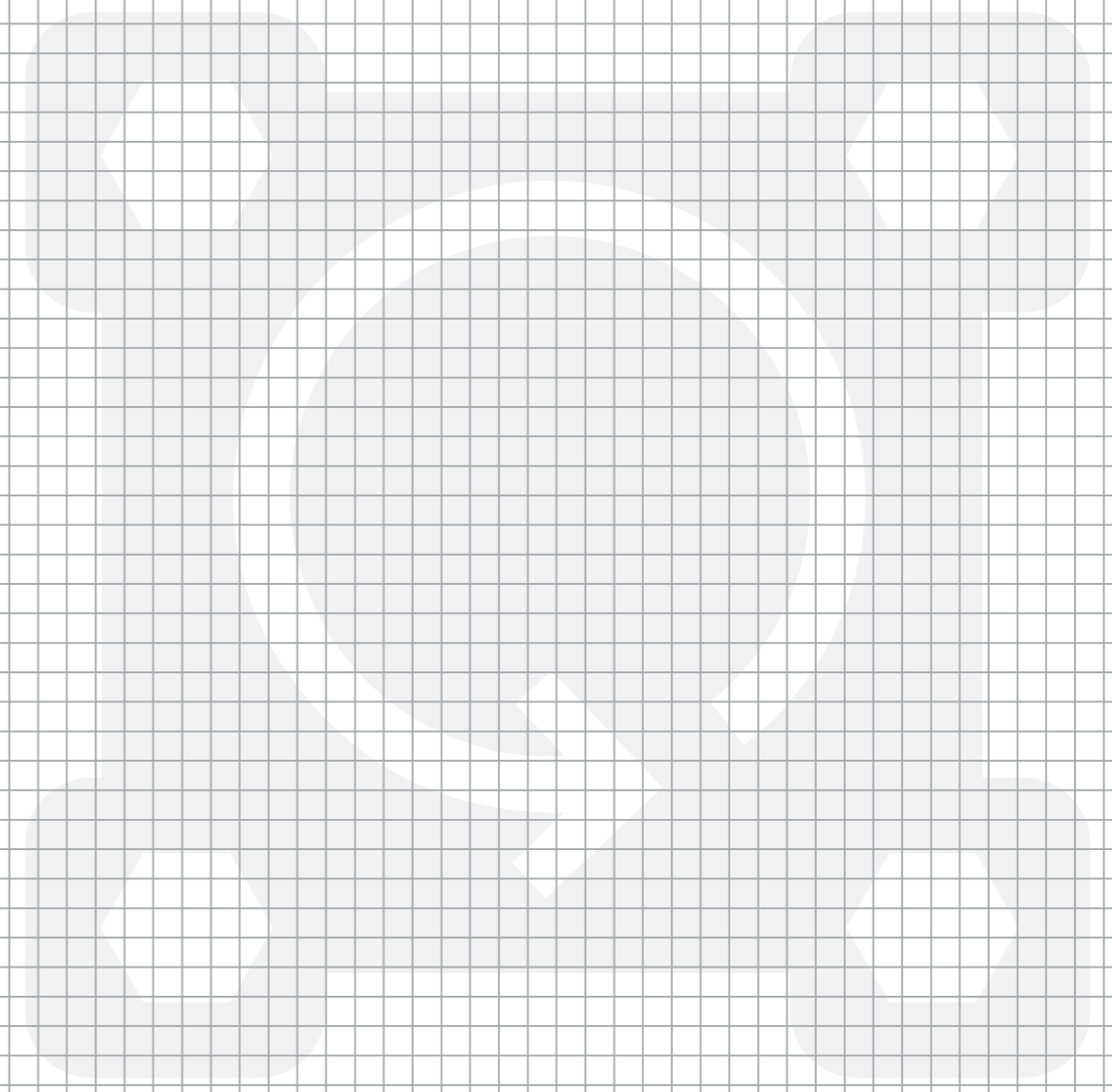
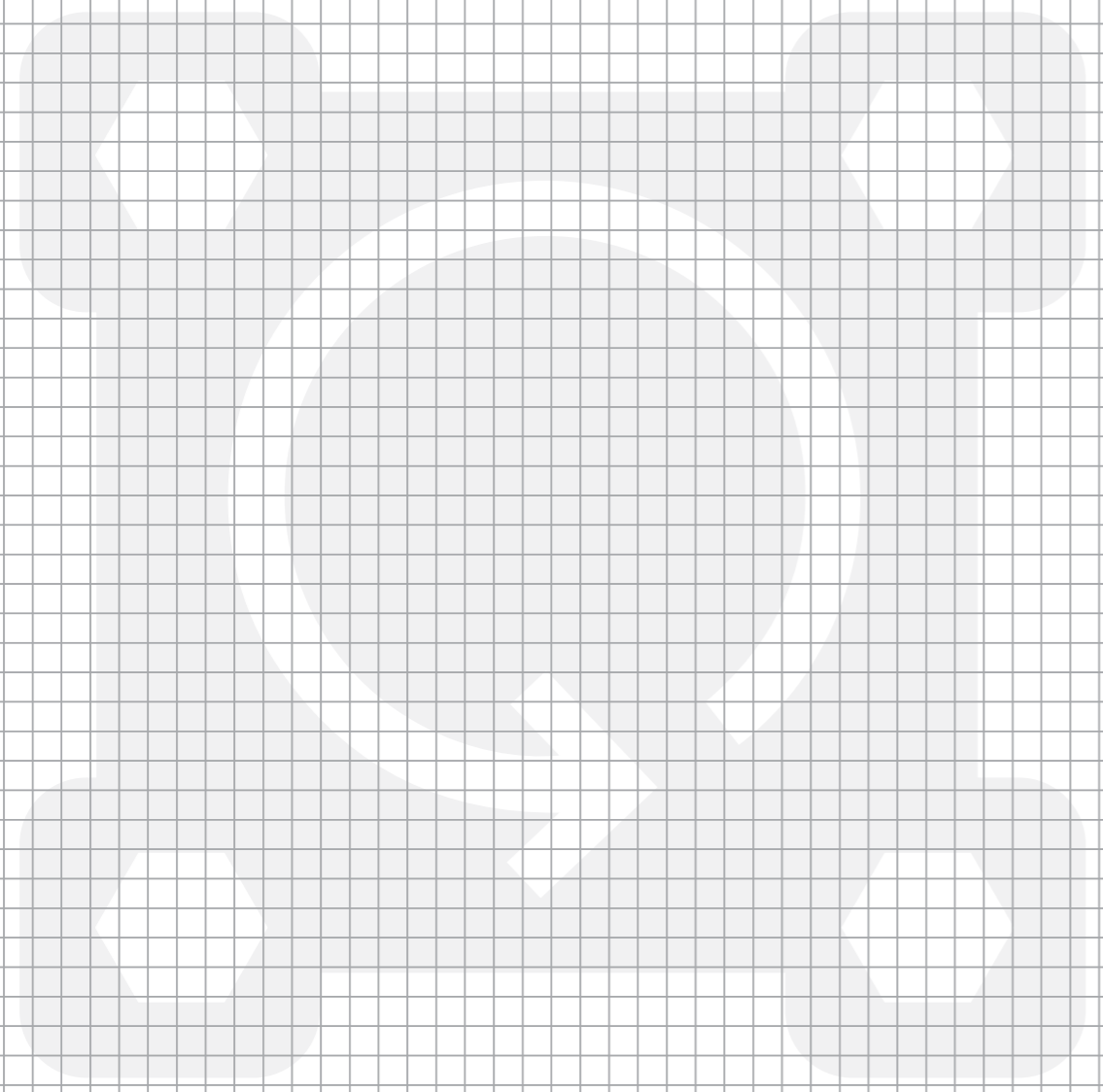
FALCON X



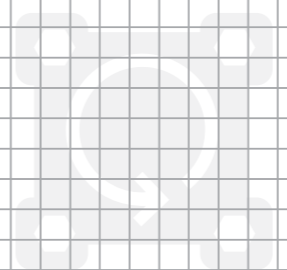
DEFENDER



WARRIOR

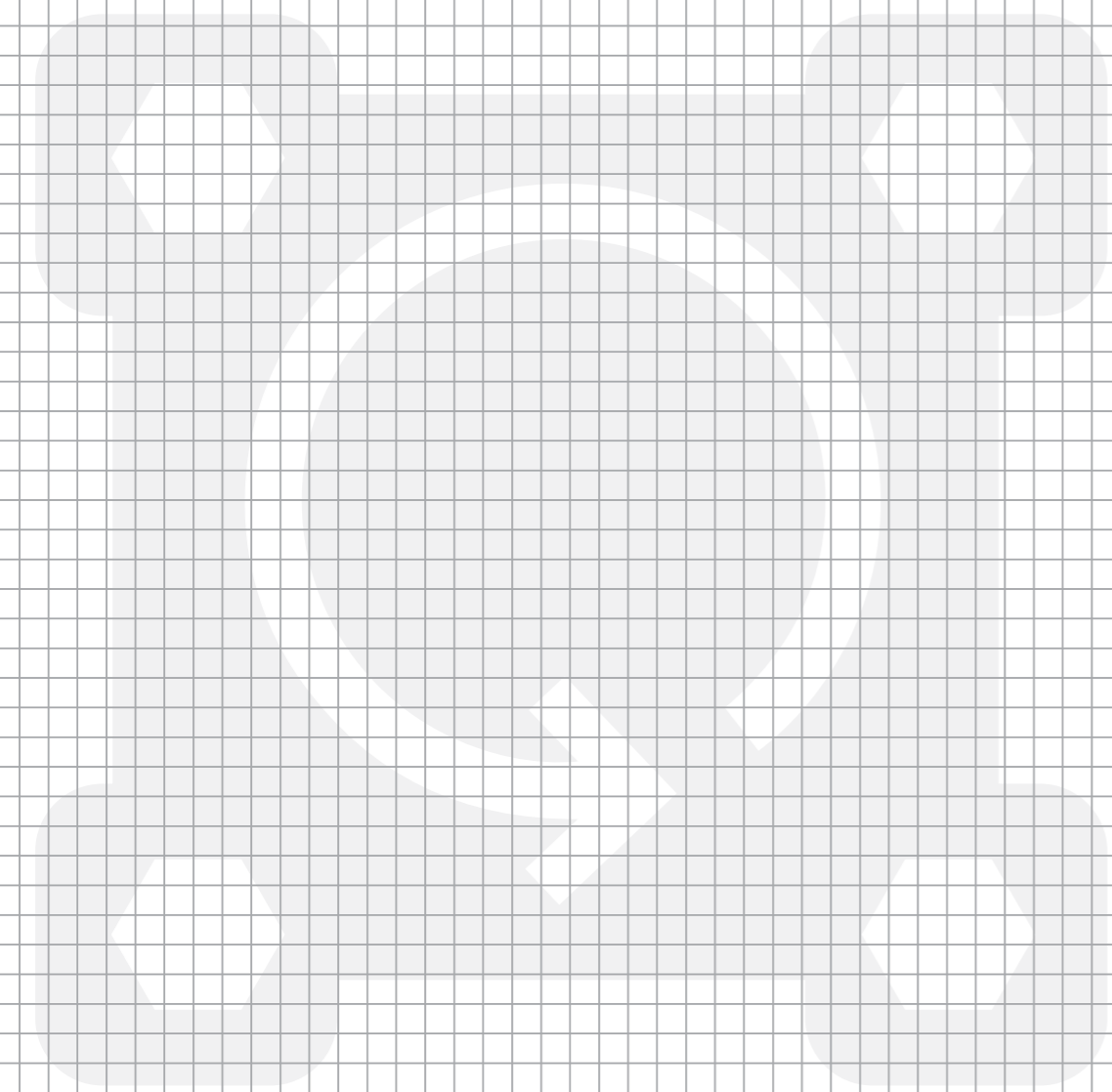


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## LIGHT & POLE-CONNECT

**TURNKEY LIGHT AND POLE ASSEMBLIES**  
TO SUIT EVERY  
MINING OR INDUSTRIAL  
APPLICATION

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PROVEN IN HARSH ENVIRONMENTS



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