Cantilever Systems Products

Walkout Trussed / Flanged Cantilevers, Single Mast
D1 - D11  

Walkout Trussed / Flanged Cantilevers, Double Mast
D12 - D16  

Combo Arms
D17 - D18

WT / F Series

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SIE-RA-CMP-001-16-EN
WT / F Series
Walkout Trussed / Flanged Cantilevers

Highly optioned version of 12ft cantilever assembly 071270-12XXXX shown for reference purposes only! Actual model selected may vary in mounting and features depending on client specifications.

- **MAST** - (1) Ø 12" nominal aluminum pipe for single mast configurations and (1) Ø 12" nominal aluminum pipe [Main Mast] and (1) Ø 10" nominal aluminum pipe [Secondary Mast] for double mast configurations. All masts are secured utilizing a (4) bolt flanged connection for easier assembly of mast to cantilevered arm. Mast base plates are designed with slotted holes for easier mounting and leveling on foundation anchor bolts.

- **CANTILEVERED ARM** - Available in vast array of standard lengths from 12' (3.6 m) to 40' (12 m). 4" (10.16 cm) pipe supports are incorporated into arm design for easier mounting of flashing light assemblies. Transition platform incorporated into arm design to provide safe access from ladder to arm walkway.

- **WALKWAY** - Expanded metal grating on cantilevered arm and transition platform provides lightweight design as well as increased traction during inclement weather. Grating has additional benefit of minimizing ice and snow accumulation.

- **LADDER** - OSHA compliant ladder assembly with a (16" (40 mm) wide, 300 lbs (136 kgs.)) duty rating is welded directly to main mast for improved strength and safety. Ladder guard is also included as standard.

- **Junction Box** - Cast aluminum junction box mounted on main mast includes (12) 2-post AREMA® terminal blocks for electrical connections.

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**Optional Lighting Assemblies** (Available upon request) See pages XXX for details

**Optional Signage** (Available upon request) See pages XXX for details

**Optional S-40 / S-60 Gate Assemblies** (Available upon request) See pages XXX for details
Meets or exceeds applicable AREMA® specifications
- Weight is approx. 1025.0 lbs. (464.9 kgs.) including hardware
- Operates in -40°F to +160°F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
- 12’ (3.66 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
  - 16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
- Meets or exceeds applicable AREMA® specifications
- Weight is approx. 1090.0 lbs. (494.4 kgs.) including hardware
- Operates in -40º F to +160º F (-40ºC to +70ºC) @ up to 95% Non-Condensing Relative Humidity
- 14’ (4.27 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
  16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
• Meets or exceeds applicable AREMA® specifications
• Weight is approx. 1155.0 lbs. (523.9 kgs.) including hardware
• Operates in -40° F to +160° F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
• 16’ (4.88 m) cantilevered arm
• (1) Ø 12” nominal aluminum main mast
• (1) transition platform
• (1) walkway with expanded metal grating
• (1) OSHA compliant ladder assembly with ladder guard
  16” (40mm) wide, 300 lbs duty rating
• (1) pinnacle
• (1) bell mounting adapter
WT / F Series Walkout Trussed / Flanged Cantilevers, Single Mast

- Meets or exceeds applicable AREMA® specifications
- Weight is approx. 1320.0 lbs. (598.7 kgs.) including hardware
- Operates in -40° F to +160° F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
- 18' (5.49 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
  16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter

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D5
Meets or exceeds applicable AREMA® specifications
Weight is approx. 1625.0 lbs. (737.1 kgs.) including hardware
Operates in -40° F to +160° F (-40° C to +70° C) @ up to 95% Non-Condensing Relative Humidity
20' (6.10 m) cantilevered arm
(1) Ø 12" nominal aluminum main mast
(1) transition platform
(1) walkway with expanded metal grating
(1) OSHA compliant ladder assembly with ladder guard
16" (40mm) wide, 300 lbs duty rating
(1) pinnacle
(1) bell mounting adapter
Meets or exceeds applicable AREMA® specifications
Weight is approx. 1790.0 lbs. (811.9 kgs.) including hardware
Operates in -40º F to +160º F (-40ºC to +70ºC) @ up to 95% Non-Condensing Relative Humidity
22’ (6.71 m) cantilevered arm
(1) Ø 12” nominal aluminum main mast
(1) transition platform
(1) walkway with expanded metal grating
(1) OSHA compliant ladder assembly with ladder guard
16” (40mm) wide, 300 lbs duty rating
(1) pinnacle
(1) bell mounting adapter
• Meets or exceeds applicable AREMA® specifications
• Weight is approx. 2090.0 lbs. (948.0 kgs.) including hardware
• Operates in -40º F to +160º F (-40ºC to +70ºC) @ up to 95% Non-Condensing Relative Humidity
• 24' (7.32 m) cantilevered arm
• (1) Ø 12" nominal aluminum main mast
• (1) transition platform
• (1) walkway with expanded metal grating
• (1) OSHA compliant ladder assembly with ladder guard
  16" (40mm) wide, 300 lbs duty rating
• (1) pinnacle
• (1) bell mounting adapter
WT / F Series Walkout Trussed / Flanged Cantilevers, Single Mast

- Meets or exceeds applicable AREMA® specifications
- Weight is approx. 2170.0 lbs. (984.3 kgs.) including hardware
- Operates in -40°F to +160°F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
- 26’ (7.92 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
- 16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
Meets or exceeds applicable AREMA® specifications
Weight is approx. 2360.0 lbs. (1070.5 kgs.) including hardware
Operates in -40°F to +160°F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
28’ (8.53 m) cantilevered arm
(1) Ø 12” nominal aluminum main mast
(1) transition platform
(1) walkway with expanded metal grating
(1) OSHA compliant ladder assembly with ladder guard
16” (40mm) wide, 300 lbs duty rating
(1) pinnacle
(1) bell mounting adapter
- Meets or exceeds applicable AREMA® specifications
- Weight is approx. 2494.0 lbs. (1131.3 kgs.) including hardware
- Operates in -40° F to +160° F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
- 30’ (9.14 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
- 16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
Meets or exceeds applicable AREMA® specifications
Weight is approx. 2790.0 lbs. (1265.5 kgs.) including hardware
Operates in -40° F to +160° F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
32’ (9.75 m) cantilevered arm
(1) Ø 12” nominal aluminum main mast
(1) Ø 10” nominal aluminum secondary mast
(1) transition platform
(1) walkway with expanded metal grating
(1) OSHA compliant ladder assembly with ladder guard
16” (40mm) wide, 300 lbs duty rating
(1) pinnacle
(1) bell mounting adapter
Meets or exceeds applicable AREMA® specifications
- Weight is approx. 2850.0 lbs. (1292.7 kgs.) including hardware
- Operates in -40º F to +160º F (-40ºC to +70ºC) @ up to 95% Non-Condensing Relative Humidity
- 34’ (10.36 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) Ø 10” nominal aluminum secondary mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
- 16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
Meets or exceeds applicable AREMA® specifications
Weight is approx. 2975.0 lbs. (1349.4 kgs.) including hardware
Operates in -40º F to +160º F (-40ºC to +70ºC) @ up to 95% Non-Condensing Relative Humidity
36’ (10.97 m) cantilevered arm
(1) Ø 12” nominal aluminum main mast
(1) Ø 10” nominal aluminum secondary mast
(1) transition platform
(1) walkway with expanded metal grating
(1) OSHA compliant ladder assembly with ladder guard
16” (40mm) wide, 300 lbs duty rating
(1) pinnacle
(1) bell mounting adapter
- Meets or exceeds applicable AREMA® specifications
- Weight is approx. 3010.0 lbs. (1365.3 kgs.) including hardware
- Operates in -40° F to +160° F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
- 38’ (11.58 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) Ø 10” nominal aluminum secondary mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
  - 16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
WT / F Series Walkout Trussed / Flanged Cantilevers, Double Mast

- Meets or exceeds applicable AREMA® specifications
- Weight is approx. 3100.0 lbs. (1406.1 kgs.) including hardware
- Operates in -40° F to +160° F (-40°C to +70°C) @ up to 95% Non-Condensing Relative Humidity
- 40’ (12.19 m) cantilevered arm
- (1) Ø 12” nominal aluminum main mast
- (1) Ø 10” nominal aluminum secondary mast
- (1) transition platform
- (1) walkway with expanded metal grating
- (1) OSHA compliant ladder assembly with ladder guard
  16” (40mm) wide, 300 lbs duty rating
- (1) pinnacle
- (1) bell mounting adapter
SIEMENS offers a variety of configurations of optional combo arms for the WT / Series cantilevers to be able to install complete grade crossing assemblies.

Configuration shown are for representation purposes only and display one possible configuration potential.

Please contact the Technical Assistance for Rail Automation team for further details.