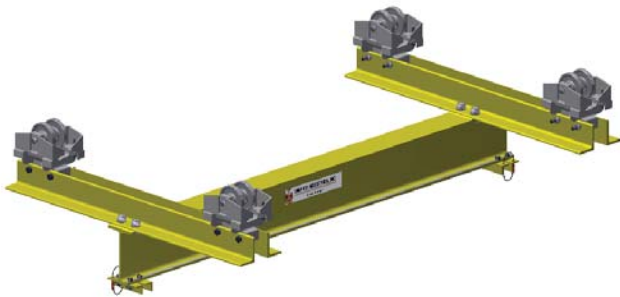




# UNIFIED INDUSTRIES, INC.

A Columbus McKinnon Company

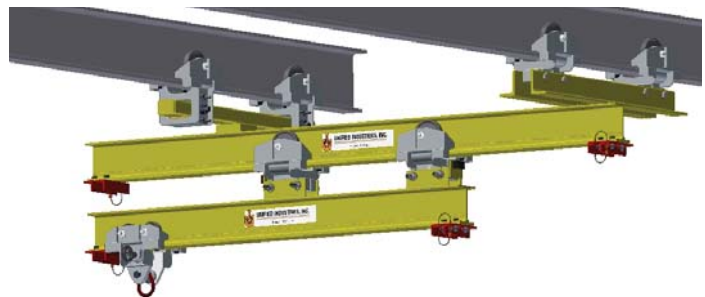
## MANUAL BRIDGE CRANES



Custom bridge cranes for special applications...to your specifications

Low headroom bridge crane

- For extremely low headroom conditions
- Bridge beam operates with a better under clearance

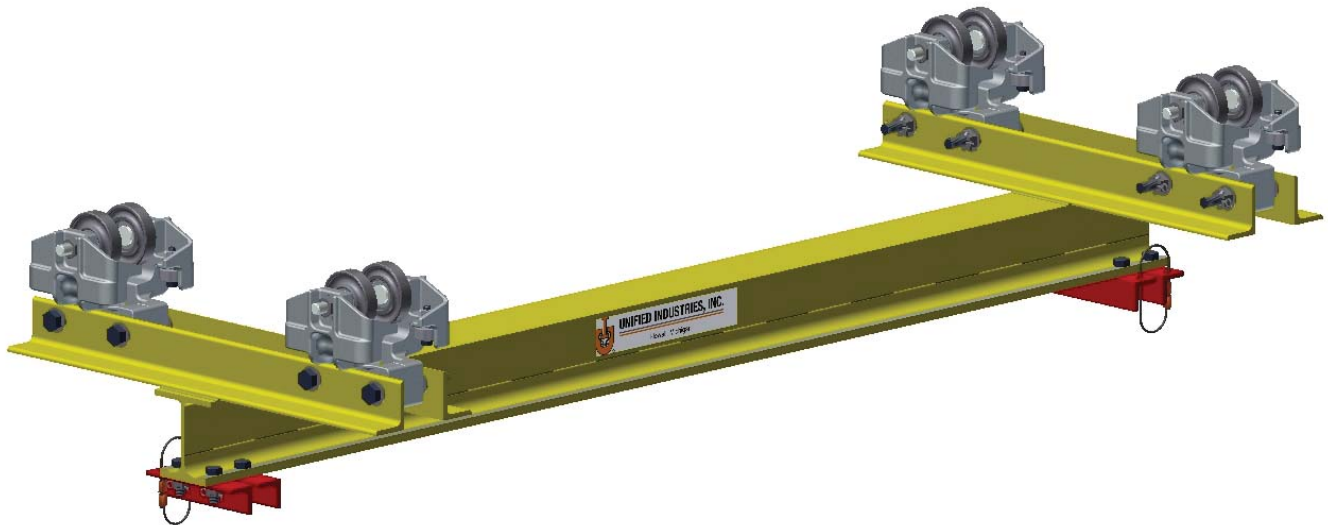


Dual beam bridge crane for suspension of large fixtures that move parallel to an assembly line for a balanced suspended load condition.



|                                          | PAGE  |
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| Custom Bridge Cranes .....               | 1-2   |
| Light load Bridge Cranes.....            | 3-4   |
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**\*All dimensions are reference only  
and need to be verified with factory.**



## Application

Unified light load bridge cranes are designed for the suspension of portable spotwelding guns, power tools, balancers, hoists, fixtures etc., and other light loads not exceeding 1000 lbs. (454kg).

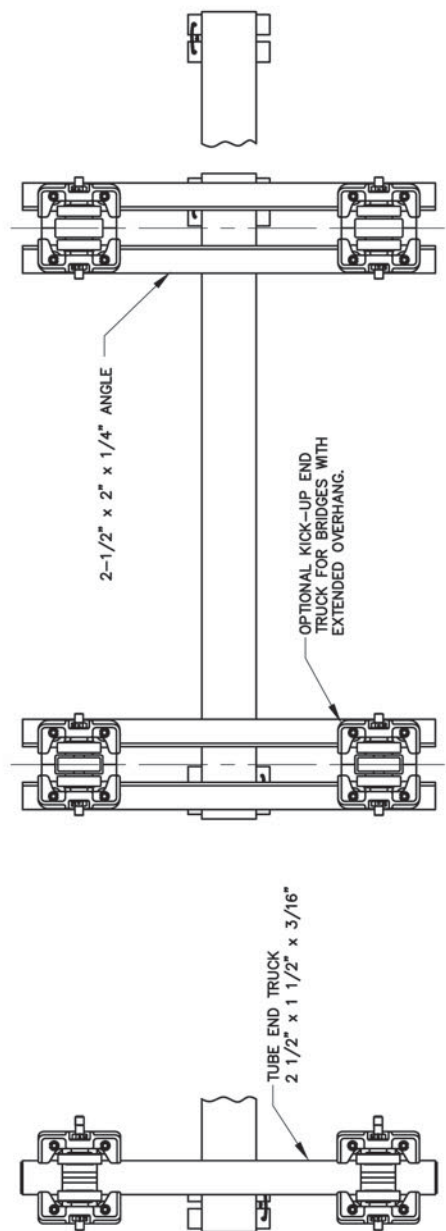
## Specifications

Unified light load bridge cranes consist of two end truck assemblies, mounted with either MBC-500, SAC-500 or AC-500 trolleys, supporting a bridge beam. The bridge beam is a compound section with a hardened and ground flat track 3.25" in width. (See trolley section for trolley specifications).

End trucks are mounted with trolleys for operation on either flat rail or S-Beam. End stops bolted to each end of the bridge complete the assembly.

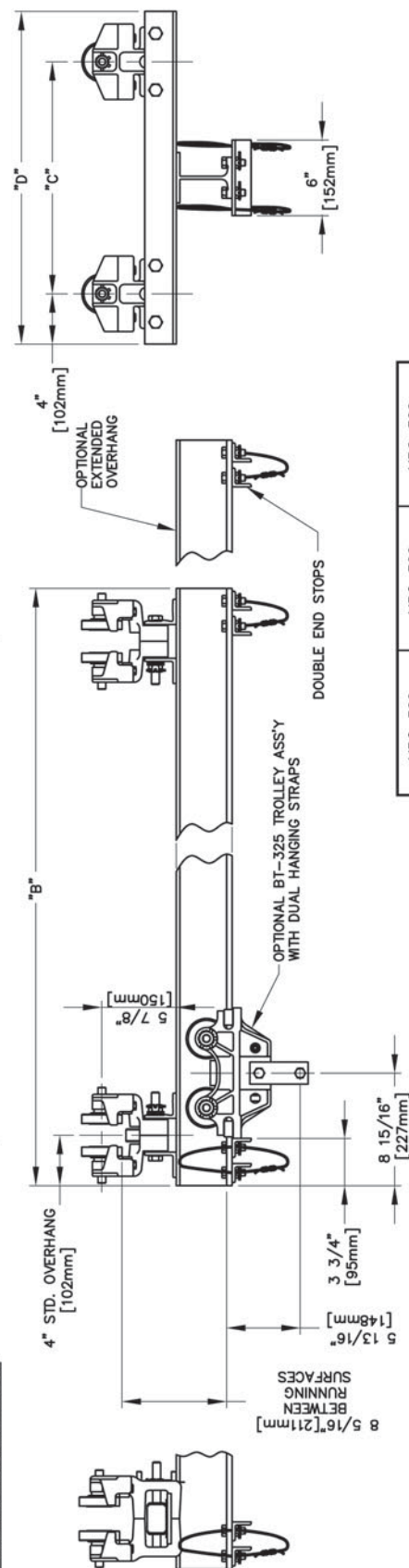
## Options

- Bridge beam overhang to your specifications
- Counter thrust wheels or trolleys are available to prevent "kick-up" action when suspended load must be extended beyond bridge span
- Standard redundant end stops



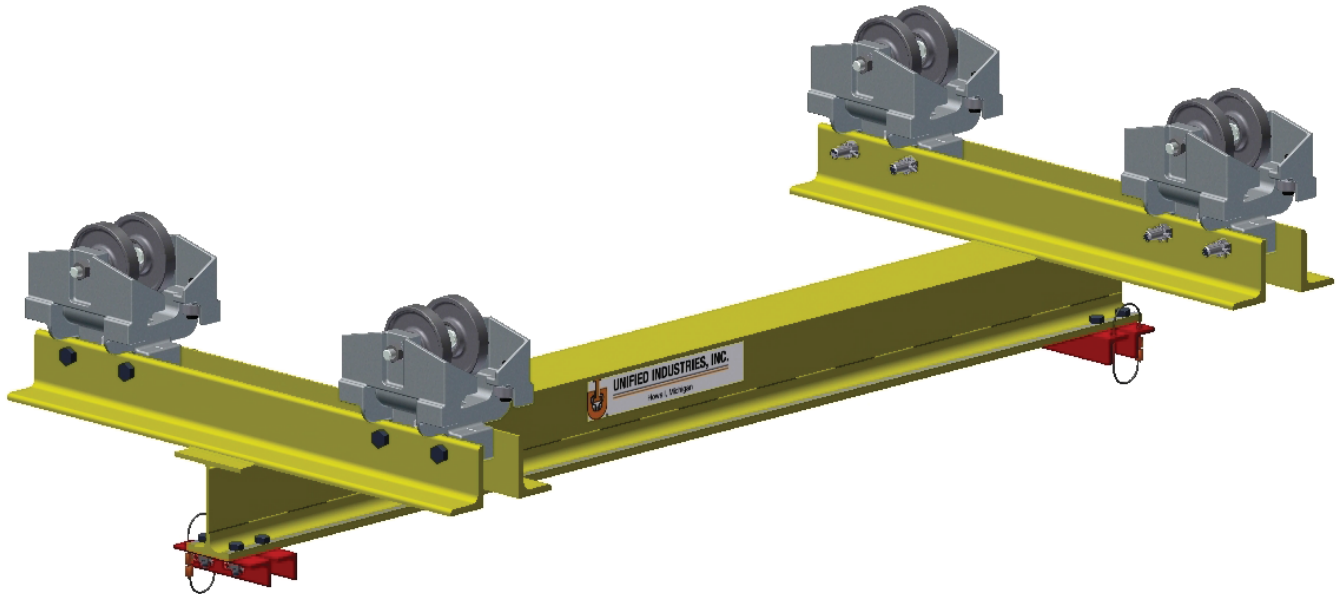
NOTE:  
BRIDGE CRANES ARE ALL JIGGED AND FIXTURED IN  
MACHINING AND ASSEMBLY TO INSURE PROPER ALIGNMENT.  
WT. COMPLETE  
FOR BRIDGE CRANE ASSEMBLY INCLUDING END TRUCK TROLLEYS.  
THIS DOES NOT INCLUDE LOAD SUSPENSION TROLLEY.

OPTIONAL SELF ALIGNING END TRUCK



| BRIDGE SPAN A | OVERALL B | WHEEL BASE C | OVERALL D | RATED LOAD | MBC-500 |              | MBC-500      |              | MBC-500 |              |
|---------------|-----------|--------------|-----------|------------|---------|--------------|--------------|--------------|---------|--------------|
|               |           |              |           |            | MBC-500 | WT. COMPLETE | MBC-500 W/KU | WT. COMPLETE | MBC-500 | WT. COMPLETE |
| 2'-0"         | 2'-8"     | 14"          | 22"       | 1000 LBS   | 90 LBS  | 40.3 KGS     | 96 LBS       | 43 KGS       | 90 LBS  | 40.3 KGS     |
| 3'-0"         | 3'-8"     | 14"          | 22"       | 1000 LBS   | 96 LBS  | 43 KGS       | 102 LBS      | 45.7 KGS     | 96 LBS  | 43 KGS       |
| 4'-0"         | 4'-8"     | 18"          | 26"       | 1000 LBS   | 108 LBS | 48.4 KGS     | 114 LBS      | 51.1 KGS     | 107 LBS | 47.9 KGS     |
| 5'-0"         | 5'-8"     | 18"          | 26"       | 1000 LBS   | 121 LBS | 54.2 KGS     | 127 LBS      | 56.9 KGS     | 127 LBS | 56.9 KGS     |
| 6'-0"         | 6'-8"     | 24"          | 32"       | 1000 LBS   | 134 LBS | 60.0 KGS     | 139 LBS      | 62.3 KGS     | 133 LBS | 59.6 KGS     |
| 7'-0"         | 7'-8"     | 30"          | 38"       | 1000 LBS   | 146 LBS | 65.4 KGS     | 152 LBS      | 68.1 KGS     | 145 LBS | 65 KGS       |
| 8'-0"         | 8'-8"     | 30"          | 38"       | 1000 LBS   | 159 LBS | 71.2 KGS     | 165 LBS      | 73.9 KGS     | 158 LBS | 70.8 KGS     |
| 9'-0"         | 9'-8"     | 34"          | 42"       | 750 LBS    | 172 LBS | 77.1 KGS     | 178 LBS      | 79.7 KGS     | 171 LBS | 76.6 KGS     |
| 10'-0"        | 10'-8"    | 34"          | 42"       | 500 LBS    | 185 LBS | 82.9 KGS     | 190 LBS      | 85.1 KGS     | 183 LBS | 82 KGS       |

The above table is based on 1/550 deflection ratio.



## Application

Unified medium load bridge cranes are designed for the suspension of portable spot-welding guns, power tools, balancers, hoists, fixtures etc., and other medium loads not exceeding 3000 lbs. (1360kg)

## Specifications

Unified medium load bridge cranes consist of two end truck assemblies, mounted with either BT-325 or MBC-1000 trolleys, supporting a bridge beam. The bridge beam is a compound section with a hardened and ground flat track 3.25" in width. (See trolley section for trolley specifications).

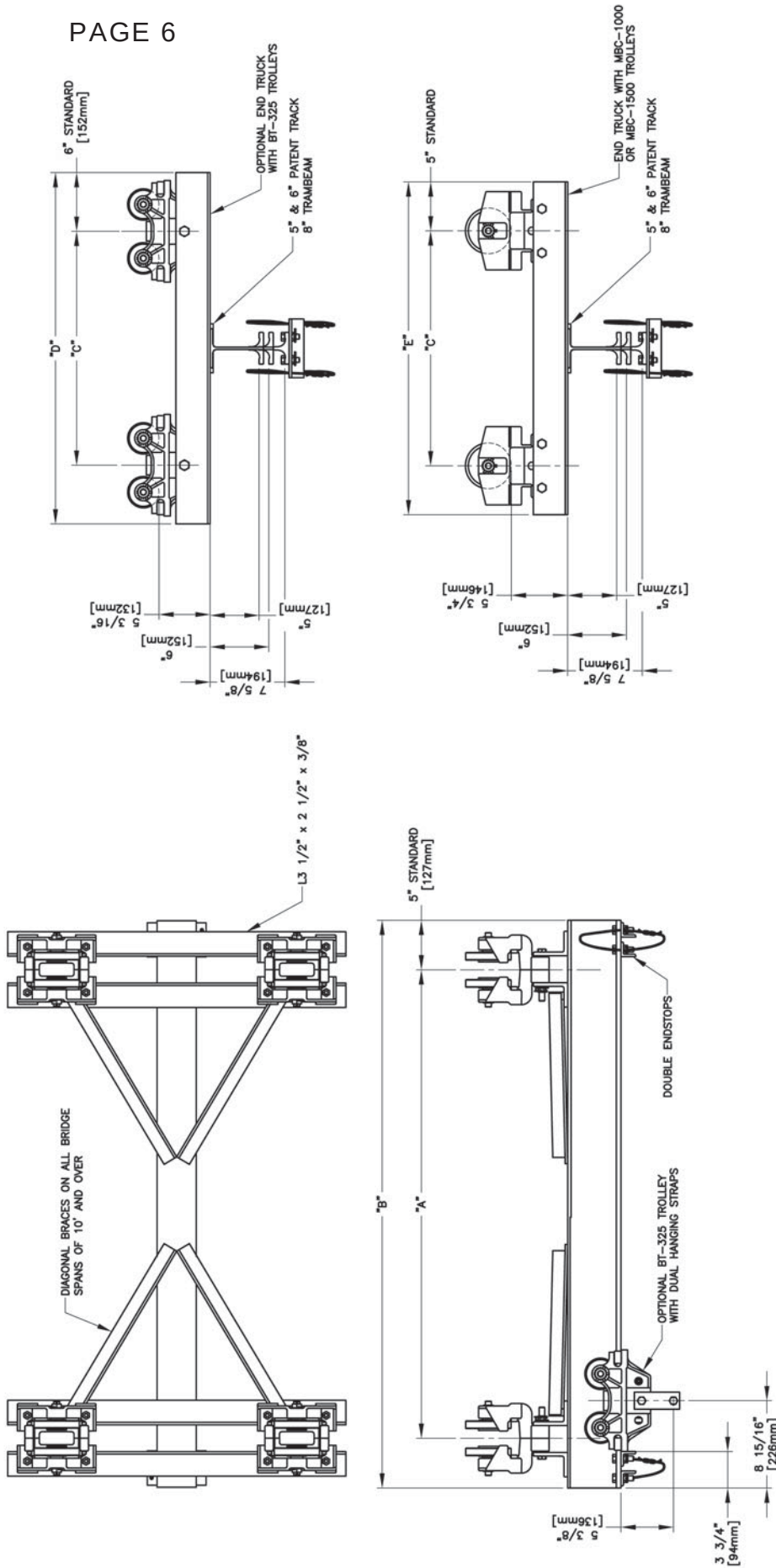
End trucks are mounted with trolleys for operation on either flat rail or S-Beam. End stops bolted to each end of the bridge complete the assembly.

Spans of 10 ft (3m) or more have diagonal bracing from bridge beam to end trucks.

## Options

- Bridge beam overhang to your specifications
- Counter thrust wheels or trolleys are available to prevent "kick-up" action when suspended load must be extended beyond bridge span
- Bridge crane spans 10 feet (3m) to 15 feet (4.6m) will be furnished with 6" compound section bridge beam flat flange 3.25" in width
- Bridge crane spans 16 ft. (4.9m) to 20 (6m) feet will be furnished with 8" Trambeam bridge beam flat flange 3.25" in width
- Standard redundant end stops





⊗ WT.

FOR BRIDGE CRANE ASSEMBLY INCLUDING END TRUCK TROLLEYS THIS DOES NOT INCLUDE LOAD SUSPENSION TROLLEY.

NOTES:

- (1) BRIDGE BEAMS OVER 12 FT. [3657.6 mm] SPANS WILL BE FURNISHED WITH 6\" [152] BRIDGE BEAM
- (2) BRIDGE CRANES ARE JIGGED AND FITTURED IN MACHINING AND ASSEMBLY PROCESS FOR ALIGNMENT
- (3) RATED LOADS SHOWN ARE FOR BRIDGE CRANE ASSEMBLIES WITH EITHER MBC-1500 CARRIER HEADS, OR BT-325, 4 WHEEL TROLLEY.

|                | BRIDGE          |                  | BT-325 END TRUCK (STANDARD) |               | MBC-1000 OR MBC-1500 END TRUCKS (OPTIONAL) |                | △ RATED LOAD |      | ⊗ WT. COMPLETE |     |
|----------------|-----------------|------------------|-----------------------------|---------------|--------------------------------------------|----------------|--------------|------|----------------|-----|
|                | SPAN "A"        | OVERALL "B"      | WHEEL BASE "C"              | OVERALL "D"   | WHEEL BASE "E"                             | OVERALL "F"    | lbs.         | Kg.  | lbs.           | Kg. |
| 5" BRIDGE BEAM | 3'-0" [914mm]   | 3'-10" [1168mm]  | 1'-6" [457mm]               | 2'-6" [762mm] | 1'-6" [457mm]                              | 2'-4" [711mm]  | 3000         | 1361 | 143            | 65  |
|                | 4'-0" [1219mm]  | 4'-10" [1473mm]  | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 158            | 72  |
|                | 5'-0" [1524mm]  | 5'-10" [1778mm]  | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 174            | 79  |
|                | 6'-0" [1829mm]  | 6'-10" [2083mm]  | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 189            | 86  |
|                | 7'-0" [2134mm]  | 7'-10" [2388mm]  | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 205            | 93  |
| 6" BRIDGE BEAM | 8'-0" [2438mm]  | 8'-10" [2692mm]  | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 215            | 98  |
|                | 9'-0" [2743mm]  | 9'-10" [2997mm]  | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 225            | 102 |
|                | 10'-0" [3048mm] | 10'-10" [3302mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 246            | 112 |
|                | 11'-0" [3353mm] | 11'-10" [3607mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 266            | 121 |
|                | 12'-0" [3658mm] | 12'-10" [3912mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 3000         | 1361 | 276            | 125 |
| 8" BRIDGE BEAM | 13'-0" [3962mm] | 13'-10" [4216mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 2650         | 1202 | 291            | 132 |
|                | 14'-0" [4267mm] | 14'-10" [4521mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 2250         | 1021 | 307            | 139 |
|                | 15'-0" [4572mm] | 15'-10" [4826mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 2000         | 907  | 317            | 144 |
|                | 16'-0" [4877mm] | 16'-10" [5131mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 2212         | 1003 | 511            | 232 |
|                | 17'-0" [5182mm] | 17'-10" [5436mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 1937         | 879  | 526            | 239 |
| 8" BRIDGE BEAM | 18'-0" [5486mm] | 18'-10" [5704mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 1705         | 773  | 552            | 250 |
|                | 19'-0" [5791mm] | 19'-10" [6045mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 1508         | 684  | 570            | 259 |
|                | 20'-0" [6096mm] | 20'-10" [6350mm] | 2'-0" [610mm]               | 3'-0" [914mm] | 2'-0" [610mm]                              | 3'-4" [1016mm] | 1338         | 607  | 600            | 272 |

The above table is based on 1/550 deflection ratio.



## Application

Unified overhanging bridge cranes are designed for the suspension of portable spotweld guns, power tools, balancers, hoists, fixtures etc. and other loads not exceeding recommended rated loads. See next page for rated loads of various overhangs.

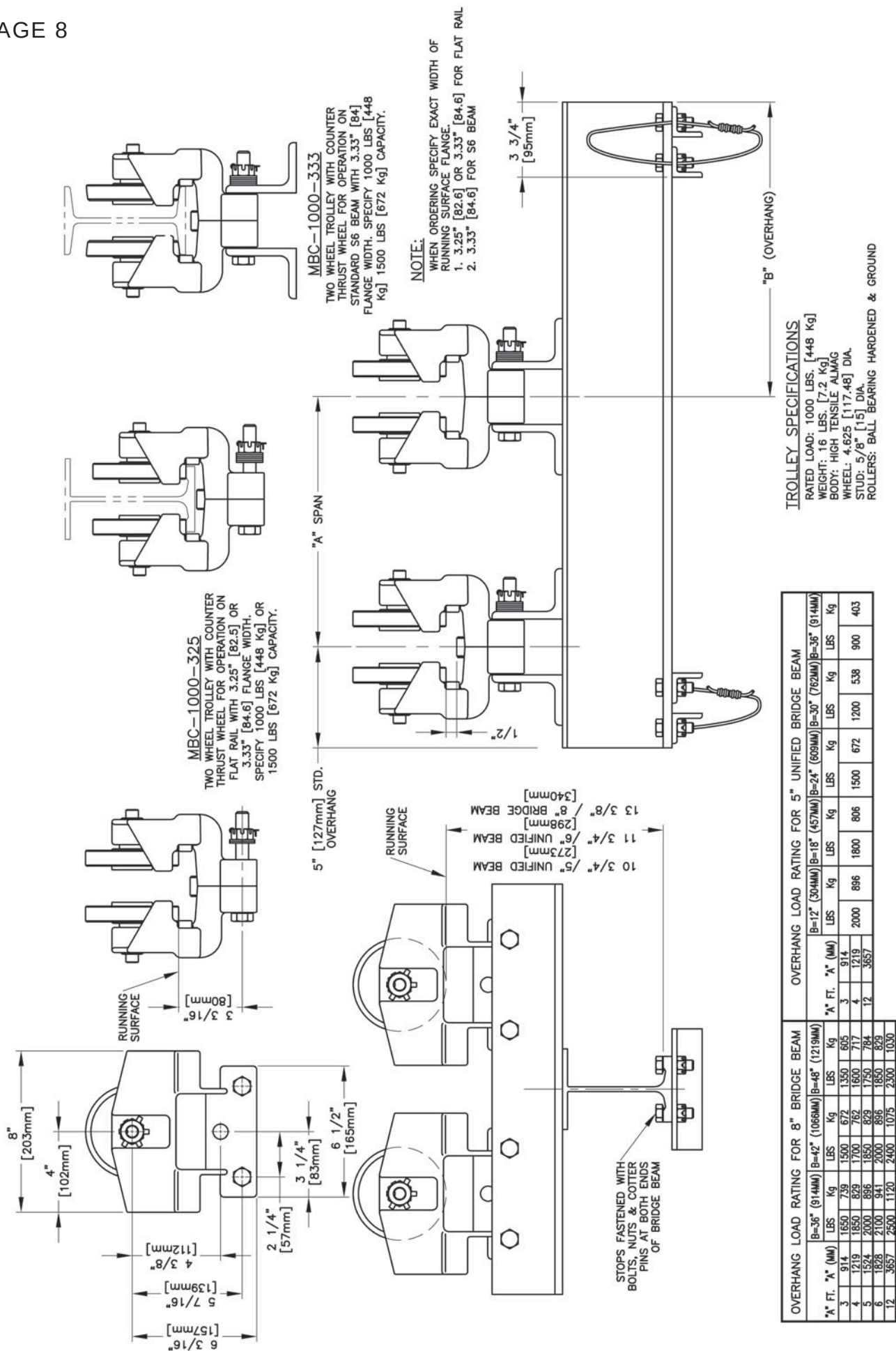
## Specifications

Unified overhanging bridge cranes consist of two end truck assemblies, mounted with two MBC-1000 trolleys without kickup wheels and two MBC-1000 trolleys with kickup wheels on opposite end of overhang, supporting a bridge beam. The bridge beam is a compound section with a hardened and ground flat rail 3.25" in width. See next page for various spans and rated loads.

End trucks are mounted with trolleys for operation on either flat rail or S-Beam. End stops bolted to each end of the bridge beam complete the assembly. Spans of 10 feet (3m) or more have diagonal bracing from bridge beam to end trucks.

## Options

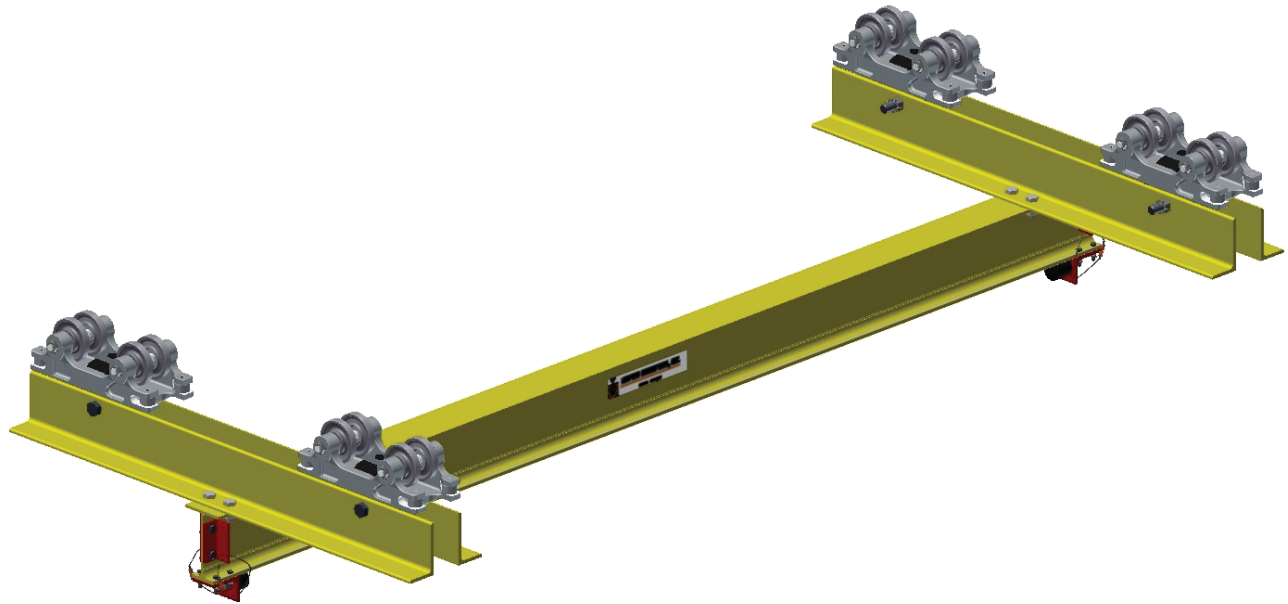
- Bridge beam overhang opposite of regular overhang to suit your requirements
- Standard redundant end stops



| OVERHANG LOAD RATING FOR 8" BRIDGE BEAM |      |      |      | OVERHANG LOAD RATING FOR 5" UNIFIED BRIDGE BEAM |      |      |      |                |      |      |      |
|-----------------------------------------|------|------|------|-------------------------------------------------|------|------|------|----------------|------|------|------|
| B=36" (914MM)                           |      |      |      | B=42" (1068MM)                                  |      |      |      | B=48" (1219MM) |      |      |      |
| "A" Ft.                                 | "A"  | LBS  | Kg   | "A" Ft.                                         | "A"  | LBS  | Kg   | "A" Ft.        | "A"  | LBS  | Kg   |
| 3                                       | 914  | 1650 | 739  | 3                                               | 914  | 1500 | 672  | 3              | 914  | 1350 | 605  |
| 4                                       | 1219 | 1850 | 829  | 4                                               | 1219 | 1700 | 762  | 4              | 1219 | 1600 | 717  |
| 5                                       | 1524 | 2000 | 896  | 5                                               | 1524 | 1850 | 829  | 5              | 1524 | 1750 | 784  |
| 6                                       | 1828 | 2100 | 941  | 6                                               | 1828 | 2000 | 896  | 6              | 1828 | 1850 | 829  |
| 12                                      | 3657 | 2500 | 1120 | 12                                              | 3657 | 2400 | 1075 | 12             | 3657 | 2300 | 1030 |

The above table is based on 1/550 deflection ratio.





## Application

Unified heavy load bridge cranes are designed for the suspension of balancers, hoists, fixtures, heavy portable tools etc. and other heavy loads not exceeding 8000 lbs. (3629kg)

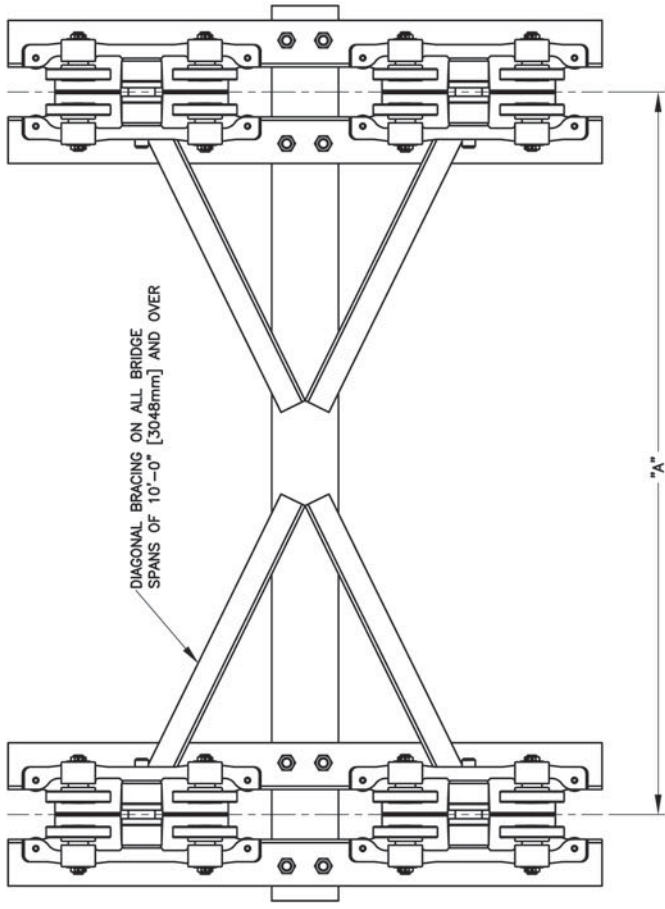
## Specifications

Unified heavy load bridge cranes consist of two end truck assemblies, mounted with BT- 325-10, supporting a bridge beam. The bridge beam is either 8" or 8 1/2" in height with a hardened and ground flat track 3.25" in width. (See trolley section for trolley specifications). End trucks are mounted with trolleys for operation on either flat rail or S-beam. Bolted end stops with neoprene bumpers complete the assembly.

Spans of 10 ft (3m) or more have diagonal bracing from bridge beam to end trucks.

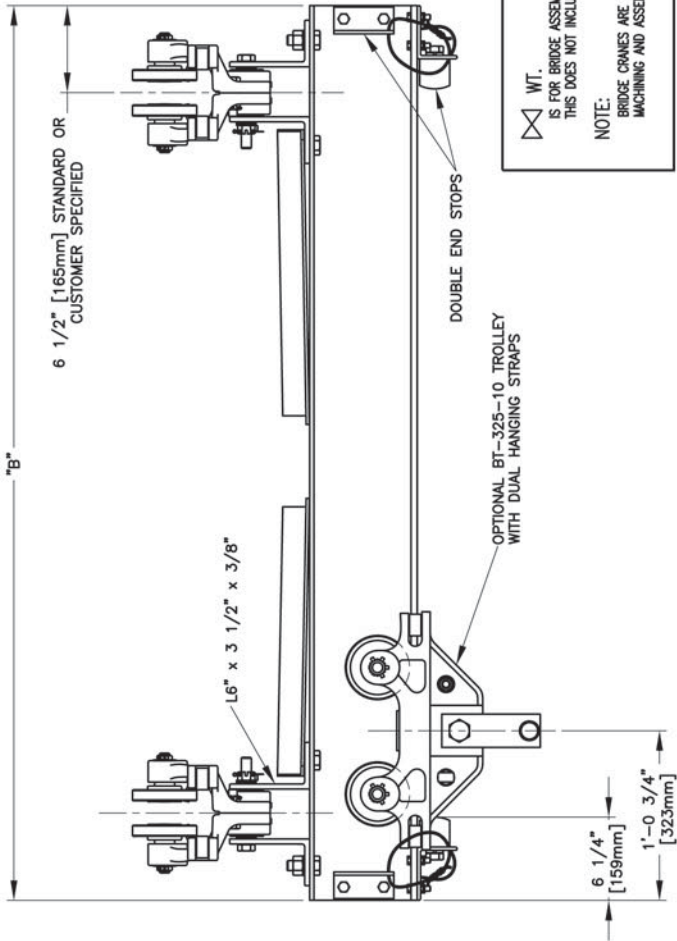
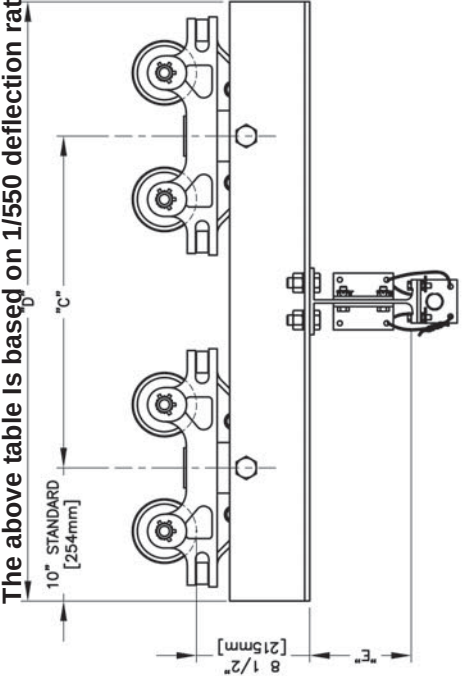
## Options

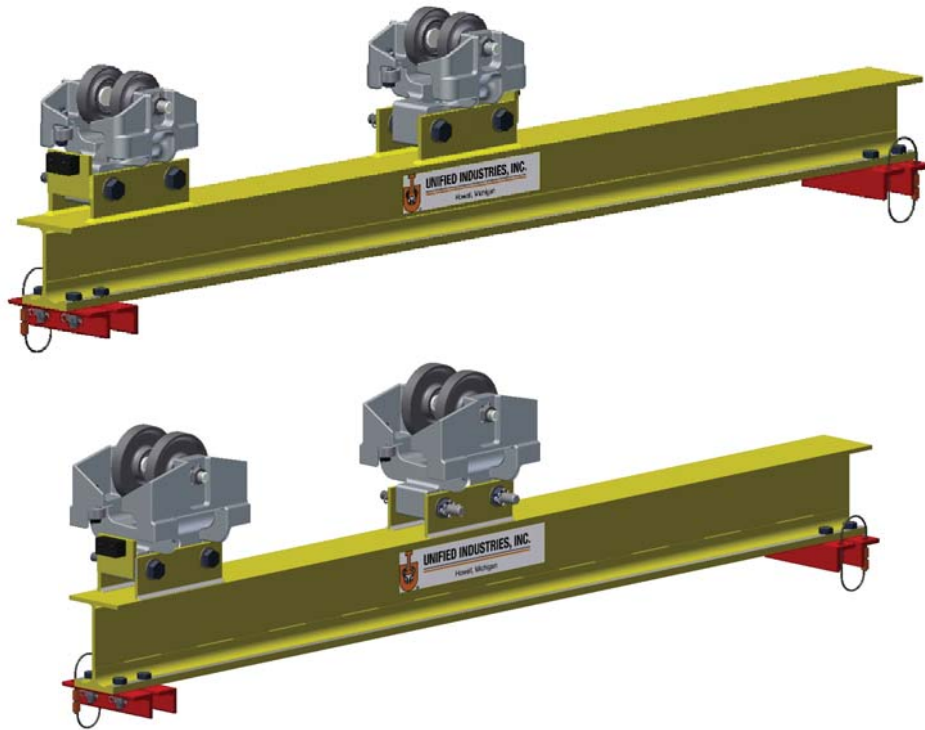
- Bridge beam overhang to your specifications
- Counter thrust wheels can be furnished on request when suspended load must be extended beyond bridge span
- 10" bridge beam with hardened and ground flat rail 3.25" in width
- Standard redundant end stops



| HEAVY LOAD BRIDGE CRANE ASSEMBLY |                |               |               |          |          |            |      |                 |     |
|----------------------------------|----------------|---------------|---------------|----------|----------|------------|------|-----------------|-----|
| BRIDGE                           |                |               | END TRUCK     |          |          | RATED LOAD |      | WEIGHT COMPLETE |     |
| SPAN                             |                |               | OVERALL       |          |          | OVERALL    |      |                 |     |
| "A" (mm)                         | "B" (mm)       | "C" (mm)      | "D" (mm)      | "E" (mm) | "F" (mm) | Lb         | kg   | Lb              | kg  |
| 5'-0 (1524.0)                    | 6'-1 (1854.2)  | 2'-0 (609.6)  | 3'-8 (1117.6) |          |          |            |      | 461             | 209 |
| 6'-0 (1828.8)                    | 7'-1 (2159.0)  |               |               |          |          |            |      | 477             | 216 |
| 7'-0 (2133.6)                    | 8'-1 (2463.8)  | 2'-6 (762.0)  | 4'-2 (1270.0) |          |          | 6000       | 2688 | 516             | 234 |
| 8'-0 (2438.4)                    | 9'-1 (2768.6)  |               |               |          |          |            |      | 532             | 241 |
| 9'-0 (2743.2)                    | 10'-1 (3073.4) | 3'-0 (914.4)  | 4'-8 (1422.4) |          |          |            |      | 572             | 259 |
| 10'-0 (3048.0)                   | 11'-1 (3378.2) |               |               |          |          | 5200       | 2329 | 635             | 288 |
| 11'-0 (3352.8)                   | 12'-1 (3683.0) | 3'-4 (1016.0) | 5'-0 (1524.0) |          |          | 4300       | 1926 | 652             | 296 |
| 12'-0 (3657.6)                   | 13'-1 (3987.8) |               |               |          |          | 3600       | 1612 | 698             | 317 |
| 13'-0 (3962.4)                   | 14'-1 (4292.6) | 4'-0 (1219.2) | 5'-8 (1727.2) |          |          | 3000       | 1344 | 719             | 326 |
| 14'-0 (4267.2)                   | 15'-1 (4597.4) |               |               |          |          | 2600       | 1164 | 758             | 344 |
| 15'-0 (4572.0)                   | 16'-1 (4902.2) | 4'-6 (1371.6) | 6'-2 (1879.6) |          |          | 2200       | 985  | 774             | 351 |
| 14'-0 (4267.2)                   | 15'-1 (4597.4) |               |               |          |          | 6000       | 2688 | 811             | 368 |
| 15'-0 (4572.0)                   | 16'-1 (4902.2) | 4'-6 (1371.6) | 6'-2 (1879.6) |          |          | 5200       | 2329 | 831             | 377 |
| 16'-0 (4876.8)                   | 17'-1 (5207.0) |               |               |          |          | 4500       | 2016 | 883             | 401 |
| 17'-0 (5181.6)                   | 18'-1 (5511.8) | 5'-0 (1524.0) | 6'-8 (2032.0) |          |          | 4000       | 1792 | 903             | 410 |
| 18'-0 (5486.4)                   | 19'-1 (5816.6) |               |               |          |          | 3500       | 1568 | 973             | 441 |
| 19'-0 (5791.2)                   | 20'-1 (6121.4) | 5'-6 (1676.4) | 7'-2 (2184.4) |          |          | 3100       | 1388 | 993             | 450 |
| 20'-0 (6096.0)                   | 21'-1 (6426.2) | 6'-0 (1828.8) | 7'-8 (2336.8) |          |          | 2800       | 1254 | 1036            | 470 |

The above table is based on 1/550 deflection ratio.





## Application

Unified light and medium duty telescoping units are designed for the suspension of portable spotweld guns, power tools balancers, hoists fixtures etc. and other light or medium weight loads not exceeding recommended rated loads. See next page for rated loads of various extensions.

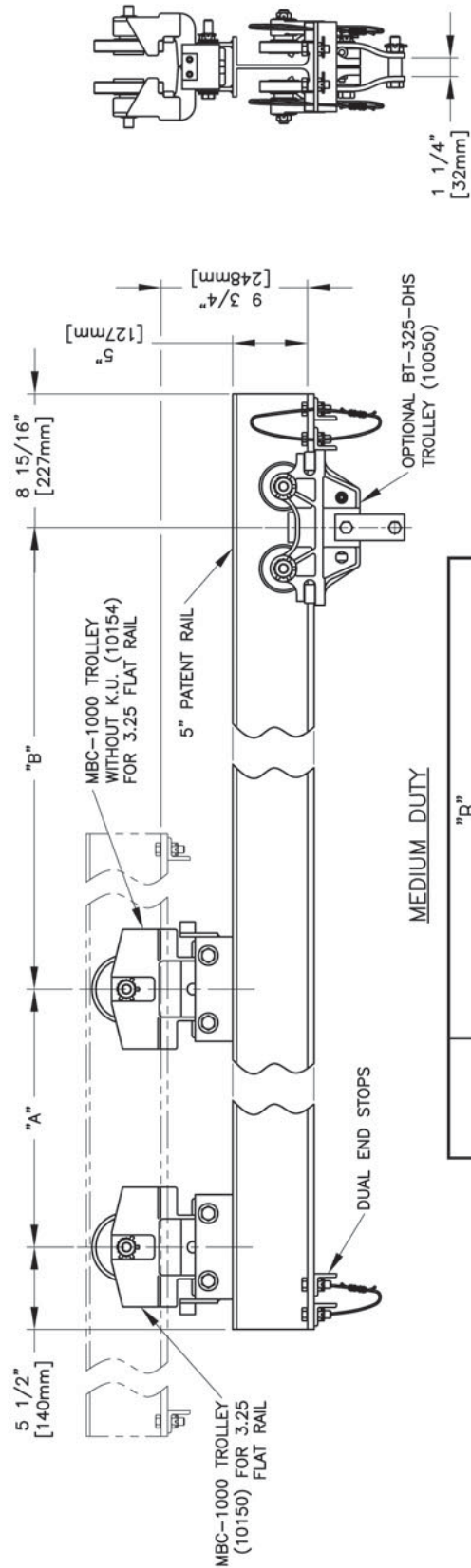
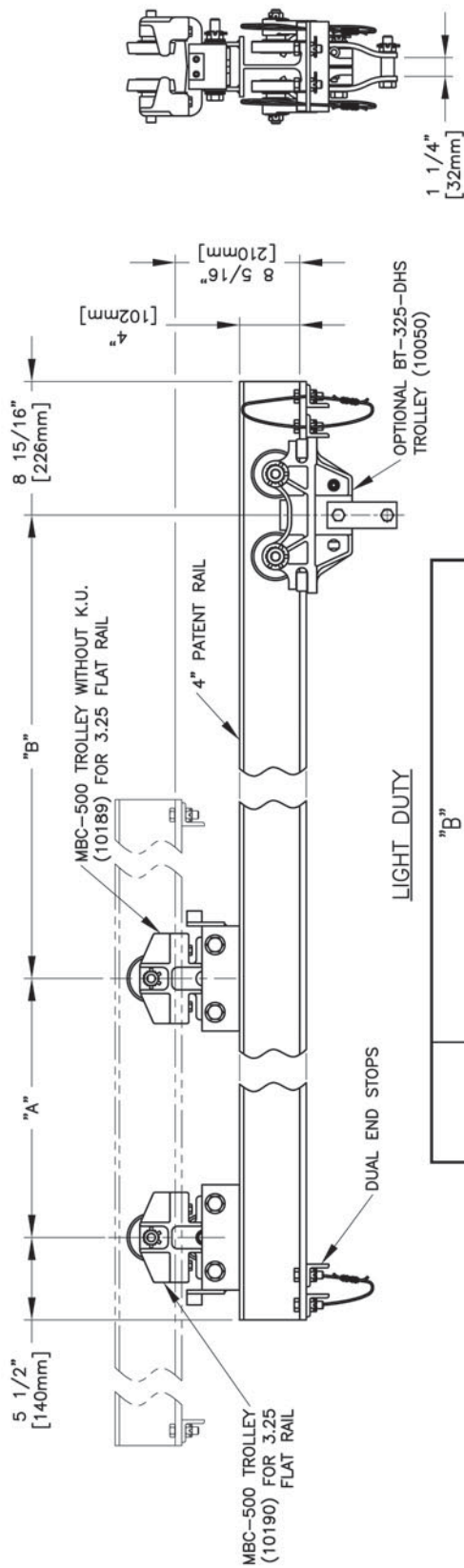
## Specifications

Unified light and medium duty telescoping units consist of one two-wheel and one three-wheel trolley or carrier head opposite of overhang, mounted to a transfer beam. The medium duty units have a compound section, with a hardened and ground flat track 3.25" in width. (See trolley section for trolley or carrier head specifications).

Transfer beam is mounted with trolleys or carrier heads for operation on either flat rail or S-Beam. End stops bolted to each end of transfer beam complete the assembly.

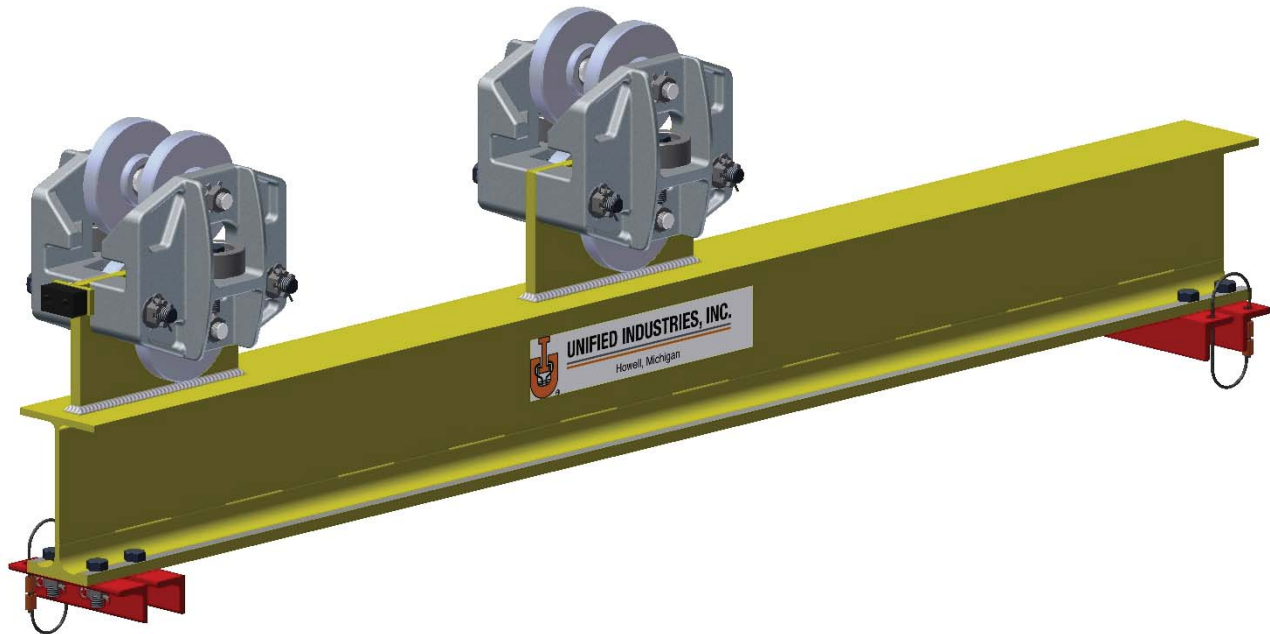
## Options

- Transfer beam overhang opposite of extension to your specifications
- Standard redundant end stops



**The above tables are based on 1/550 deflection ratio.**





## Application

Unified standard duty telescoping self-equalizing tandem trolley units are designed for the suspension of portable spotweld guns, power tools, balancers, hoists, fixtures, etc., and other loads not exceeding recommended rated loads. See next page for rated loads of various extensions.

## Specifications

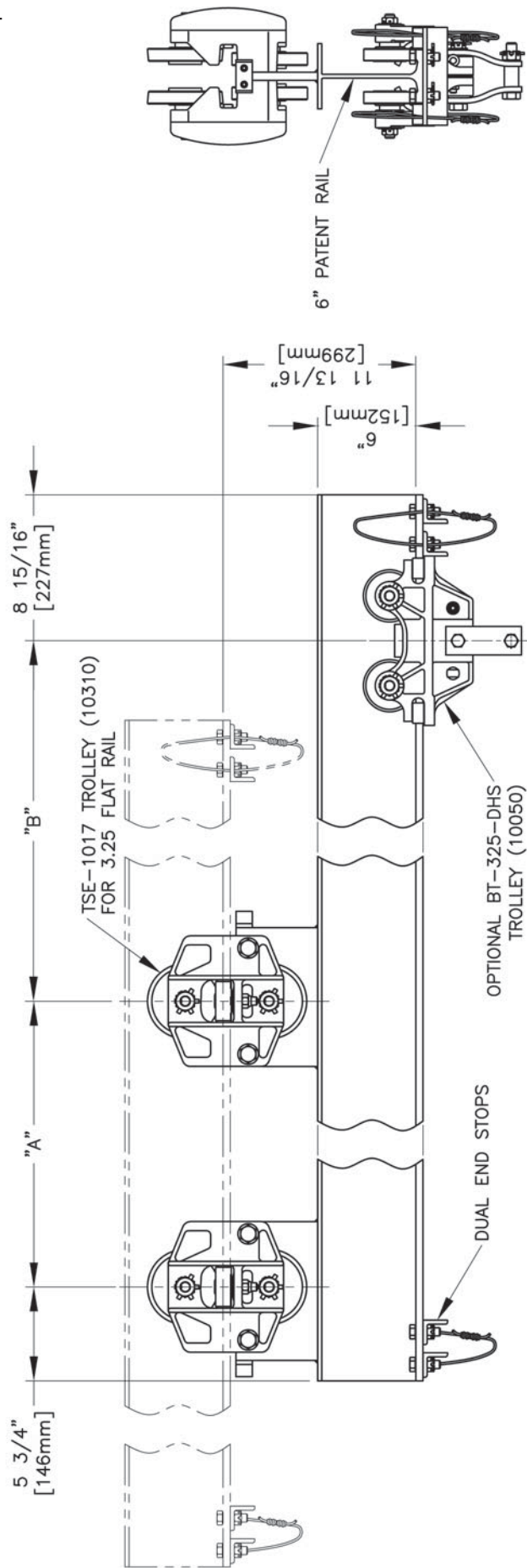
Unified standard duty telescoping units consist of two tandem trolleys welded to a transfer beam. The transfer beam is a compound section 6" in height with a hardened and ground flat rail 3.25" in width. (See trolley section for trolley specifications).

Transfer beam is mounted with tandem trolleys for operation on either flat rail or S-Beam. End stops bolted to each end of transfer beam complete the assembly.

## Options

- Transfer beam overhang opposite of extension to your specifications ("C" dimension).
- Standard redundant end stops





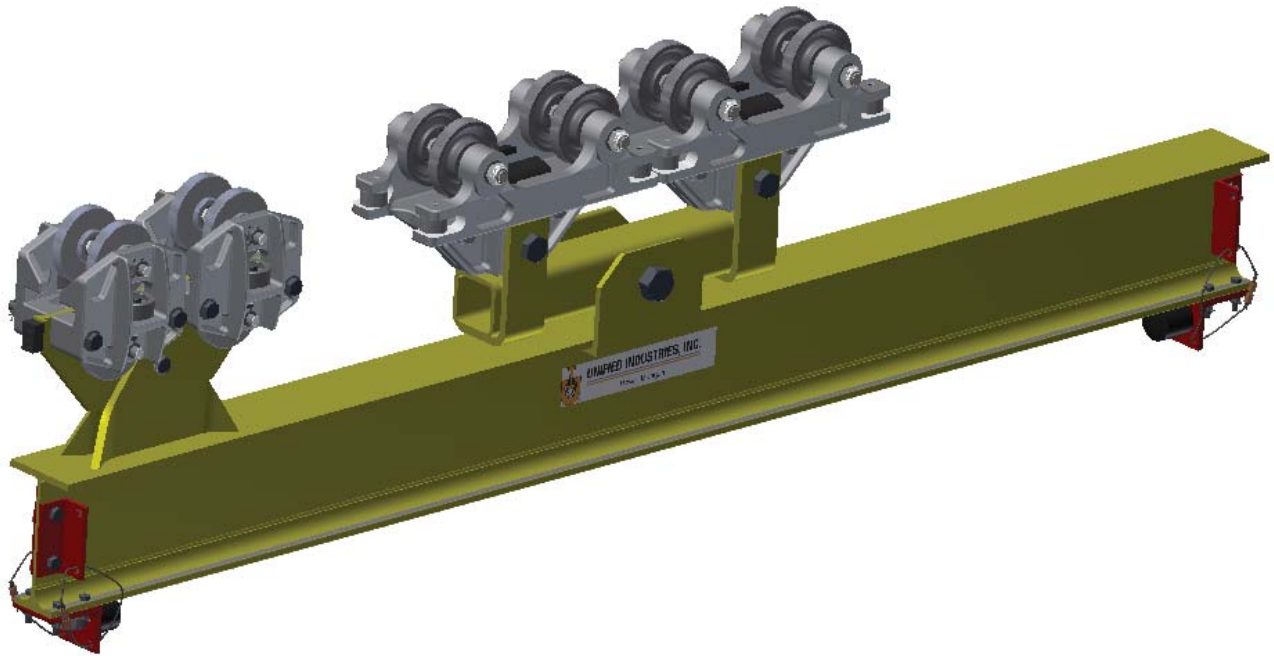
**TROLLEY SPECIFICATIONS**

RATED LOAD: 2,500 LBS. (1120 Kgs)  
WEIGHT: 31 LBS. (14 Kgs)  
BODY: HIGH TENSILE ALMAG  
WHEEL: 4 5/8" [117] DIA.  
STUD: 5/8" [15] DIA.

**NOTE:**  
WHEN ORDERING SPECIFY EXACT WIDTH OF RUNNING SURFACE FLANGE.  
1. 3.25" [82.6] FOR STD. FLAT RAIL AND 3.33" [84.6] FLAT RAIL.  
2. 3.33" [84.6] FOR S6 BEAM

| "A" |      | DIMENSION "B" EXTENDED LOAD RATINGS IN POUNDS & KILOGRAMS |           |          |           |          |           |          |           |         |           |         |           |  |  |
|-----|------|-----------------------------------------------------------|-----------|----------|-----------|----------|-----------|----------|-----------|---------|-----------|---------|-----------|--|--|
| IN. | MM   | 12"                                                       | 304 mm    | 24"      | 609 mm    | 36"      | 914 mm    | 48"      | 1219 mm   | 60"     | 1524 mm   | 72"     | 1828 mm   |  |  |
| 18  | 457  | 1500 LBS                                                  | 681.8 KGS | 1070 LBS | 486.3 KGS | 830 LBS  | 377.2 KGS | 680 LBS  | 309 KGS   | 575 LBS | 261.3 KGS | 500 LBS | 227.2 KGS |  |  |
| 24  | 609  | 1665 LBS                                                  | 756.8 KGS | 1250 LBS | 568.1 KGS | 1000 LBS | 454.5 KGS | 830 LBS  | 377.2 KGS | 710 LBS | 322.7 KGS | 585 LBS | 265.9 KGS |  |  |
| 30  | 762  | 1785 LBS                                                  | 811.3 KGS | 1385 LBS | 629.5 KGS | 1135 LBS | 515.9 KGS | 960 LBS  | 436.3 KGS | 750 LBS | 340.9 KGS | 550 LBS | 250 KGS   |  |  |
| 36  | 914  | 1875 LBS                                                  | 852.2 KGS | 1500 LBS | 681.8 KGS | 1250 LBS | 568.1 KGS | 1000 LBS | 454.5 KGS | 700 LBS | 318.1 KGS | 520 LBS | 336.3 KGS |  |  |
| 42  | 1066 | 1940 LBS                                                  | 881.8 KGS | 1590 LBS | 722.7 KGS | 1345 LBS | 611.3 KGS | 930 LBS  | 422.7 KGS | 660 LBS | 300 KGS   | 495 LBS | 225 KGS   |  |  |
| 48  | 1219 | 2000 LBS                                                  | 909 KGS   | 1665 LBS | 756.8 KGS | 1330 LBS | 604.5 KGS | 875 LBS  | 397.7 KGS | 625 LBS | 284 KGS   | 470 LBS | 213.6 KGS |  |  |

The above table is based on 1/550 deflection ratio.



## Application

Unified heavy duty telescoping self-equalizing tandem trolley units are designed for the suspension of portable spotweld guns, power tools, balancers, hoists, fixtures, etc., and other loads not exceeding recommended rated loads. See next page for rated loads of various extensions.

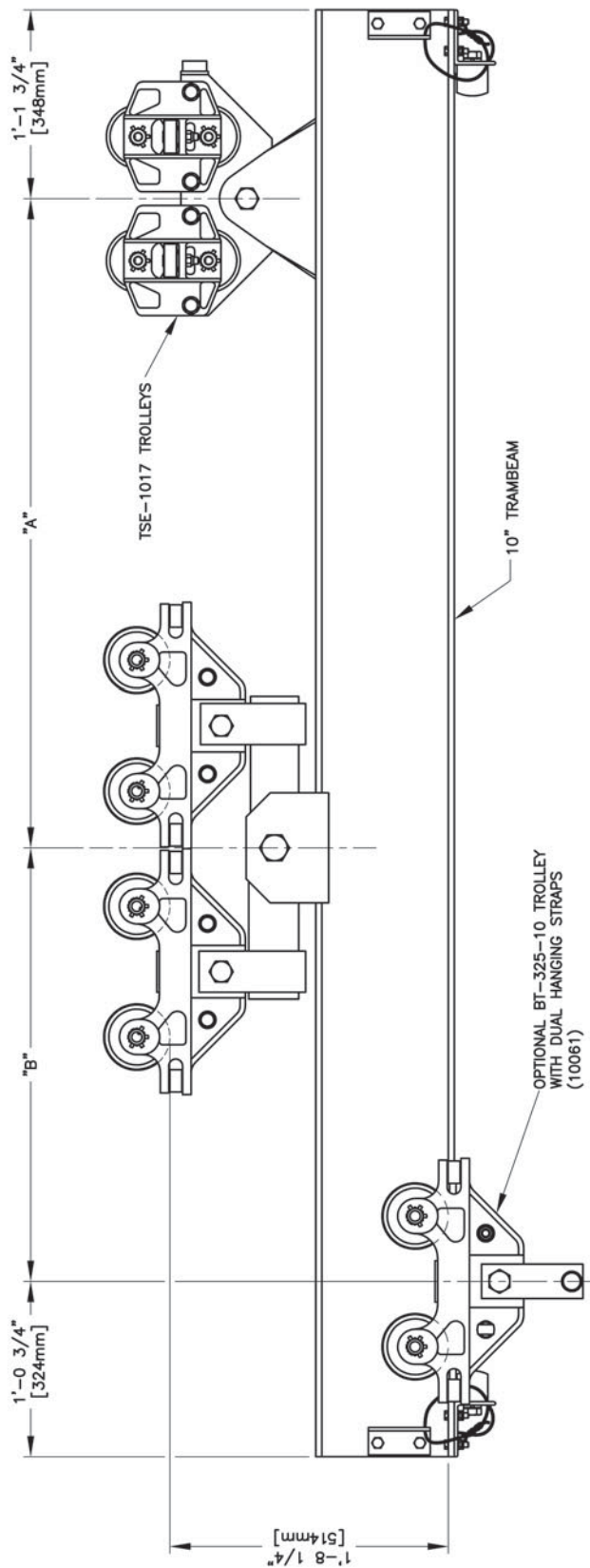
## Specifications

Unified heavy duty telescoping units consist of two tandem trolleys welded to a transfer beam.

Transfer beam is mounted with tandem trolleys for operation on either flat rail or S-Beam. End stops bolted to each end of transfer beam complete the assembly.

## Options

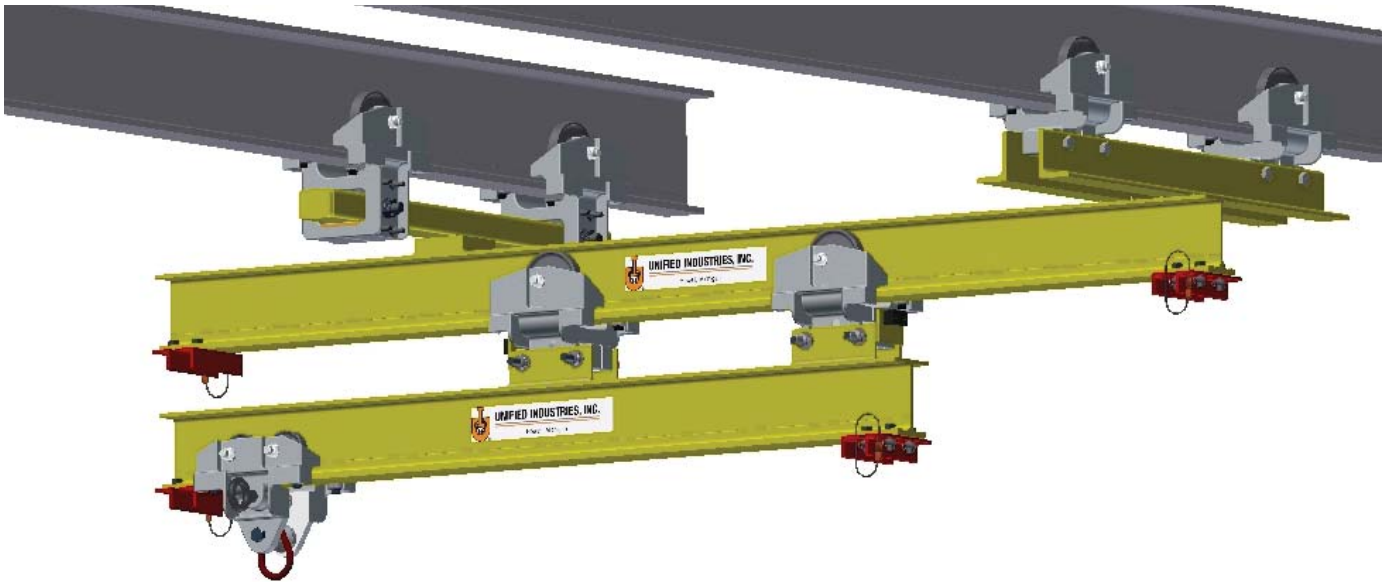
- Transfer beam overhang opposite of extension to your specifications ("C" dimension).



| BEAM SIZE | "A"       |           | "B" LOAD IN POUNDS AND KILOGRAMS |           |           |           |           |           |           |           |
|-----------|-----------|-----------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | 36"       | 48"       | 60"                              | 72"       | 84"       | 96"       | 108"      | 120"      | 132"      | 144"      |
| 10"       | 4000 LBS  | 4570 LBS  | 5000 LBS                         | 5330 LBS  | 5660 LBS  | 6000 LBS  | 6330 LBS  | 6660 LBS  | 7000 LBS  | 7330 LBS  |
| 10"       | 1818.1 Kg | 2077.2 Kg | 2272.7 Kg                        | 2422.7 Kg | 2572.7 Kg | 2722.7 Kg | 2872.7 Kg | 3022.7 Kg | 3172.7 Kg | 3322.7 Kg |
| 11 1/2"   | 4000 LBS  | 4570 LBS  | 5000 LBS                         | 5330 LBS  | 5660 LBS  | 6000 LBS  | 6330 LBS  | 6660 LBS  | 7000 LBS  | 7330 LBS  |
| 11 1/2"   | 1818.1 Kg | 2077.2 Kg | 2272.7 Kg                        | 2422.7 Kg | 2572.7 Kg | 2722.7 Kg | 2872.7 Kg | 3022.7 Kg | 3172.7 Kg | 3322.7 Kg |

FOR ADDITIONAL LOADS AND DIMENSIONS, CONSULT FACTORY.

The above table is based on 1/550 deflection ratio.



Unified bridge crane and telescope unit combination for extending loads beyond normal span of runway.

Unified self-aligning carrier SAC-1020-1 used for runways that are not parallel.

Unified anti kick-up carrier MBC-1000-3 for opposing counter thrust of extended load.





# UNIFIED INDUSTRIES, INC.

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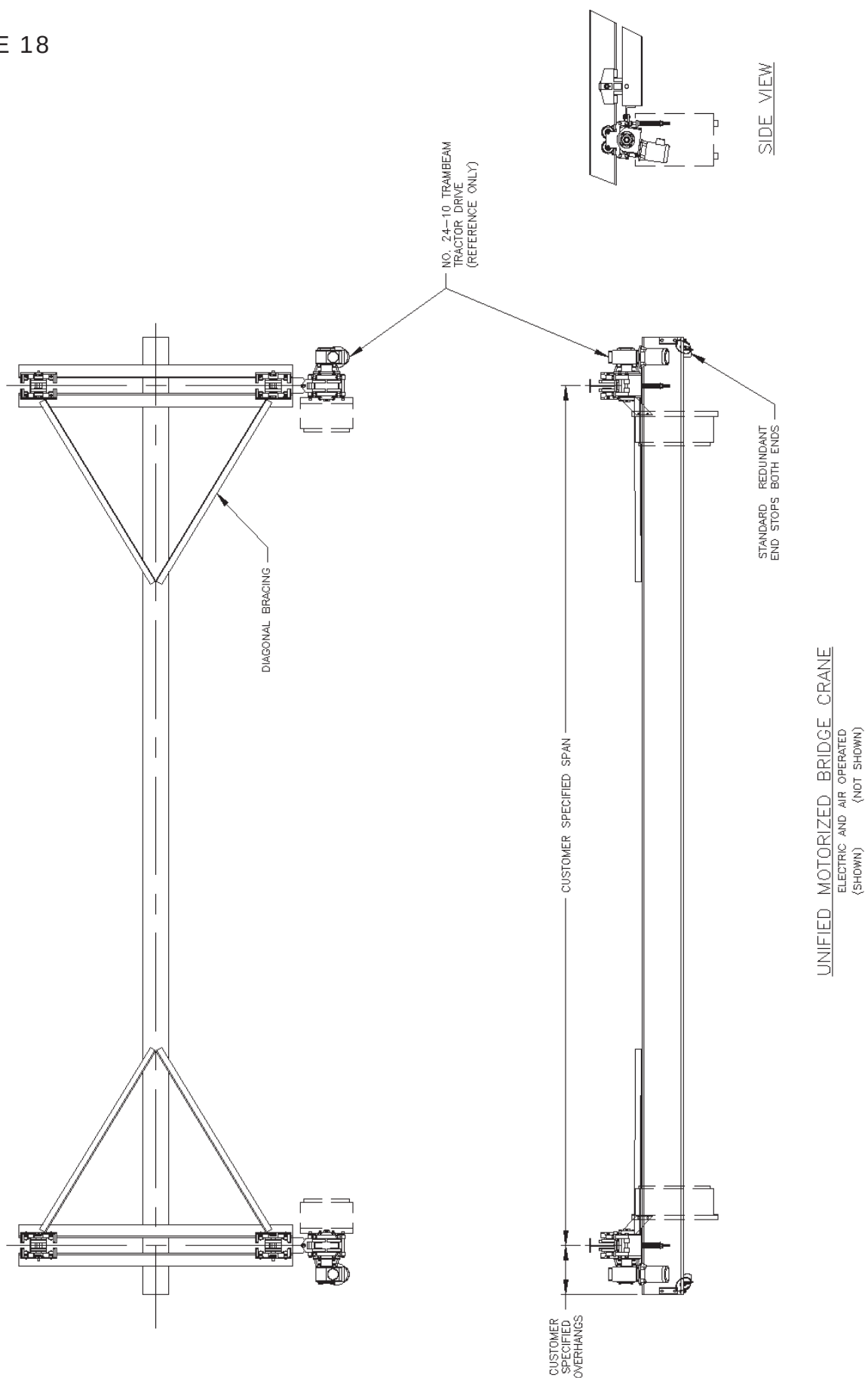
A Columbus McKinnon Company

Phone: 517-546-3220

Email: [sales@unified-ind.com](mailto:sales@unified-ind.com)

## MOTORIZED BRIDGE CRANES (AIR AND ELECTRIC)





# CAUTION

This bridge crane has a safe load rating, which has been clearly marked on both sides by the manufacturer. The total weight of the suspended load should never exceed 125% of this limit. The weight of all handling devices such as buckets, magnets, grabs, balancers, hoists, weldguns, etc. must be included as a part of the suspended load. The weight of such devices should therefore be determined and clearly marked.

Consideration should be given when installing hoisting devices. Load ratings for such devices may exceed the load rating of the bridge crane.

The operator should inspect this bridge crane for loose bolts and worn, cracked or distorted parts prior to use (inspection should include all handling devices and mounting equipment). Defective parts should be replaced with manufacturer-approved parts before use of bridge crane is resumed.

This bridge crane conforms to the safety standards of the U.S. Occupational Safety and Health Administration (OSHA). Any alteration of its structure or change in its rated load capacity may render null and void any manufacturer's warranties, expressed or implied.

**\*All dimensions are reference only  
and need to be verified with factory.**

