

# CEILING MOUNTED WORKSTATION BRIDGE CRANES



Cost-effective Solutions  
For Lifting and Moving  
Material

# Ceiling Mounted Workstation Bridge Cranes

*SPANCO Lifting Solutions...*

*Increase worker productivity,  
ease work flow and provide cost  
effective materials handling—  
this is what SPANCO lifting  
solutions can do for you.*

*No matter the material handling  
problem, SPANCO has a solution.*



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*In addition to providing solutions, we provide quality. Quality construction to ensure long life and easy, ergonomic service. Whether you need crane coverage for an area with minimal building support or coverage for a small workstation, SPANCO can provide an answer with our full lines of gantry cranes, jib cranes, and SPANCO enclosed track workstation bridge cranes.*

## SOLVING YOUR MATERIAL HANDLING PROBLEMS WITH CEILING MOUNTED WORKSTATION BRIDGE CRANES

SPANCO ceiling mounted workstation bridge cranes provide ideal, cost effective material handling solutions...

- **If work floor space is limited:** Ceiling mounted systems provide infinite coverage without interfering support columns. Systems can be linked to a monorail or another bridge crane using crane interlock sections.

- **Easy, ergonomic movement:** An operator pushing a 1000 lb. load, will experience a force of approximately 10 lb. to begin moving the load and 8 lb. to continue moving the load (100 to 1 ratio). Manual cranes also operate more quickly than motorized cranes making them ideal for fast paced work environments.

However, if the application requires moving heavier loads up to two tons or bridge travel over an inaccessible area, then a motorized system can be used efficiently. SPANCO can provide motorized systems in 1,000, 2,000 and 4,000 lb. capacities.

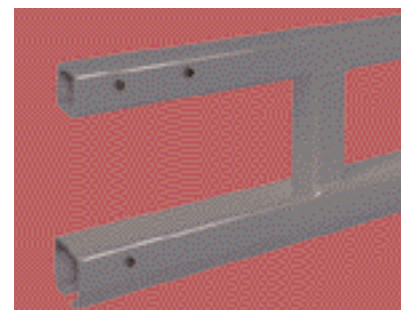
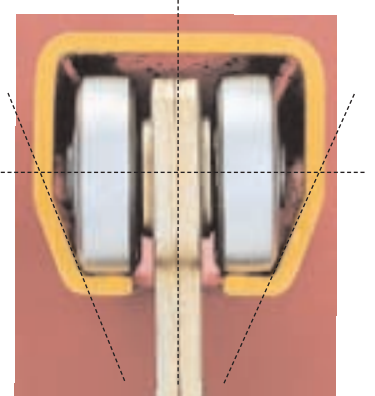
Ceiling mounted systems are supported by the building structure. A qualified architect or engineer should be consulted to determine the adequacy of the building structure intended to support the crane system.

### QUALITY CONSIDERATIONS

- **Low profile steel track** allows for full utilization of ceiling space. SPANCO systems are three times easier to operate and control than patented track systems.

- **"V" shaped profile** prevents dirt accumulation inside tracks and maintains alignment of end trucks and trolley wheels, ensuring smooth movement.

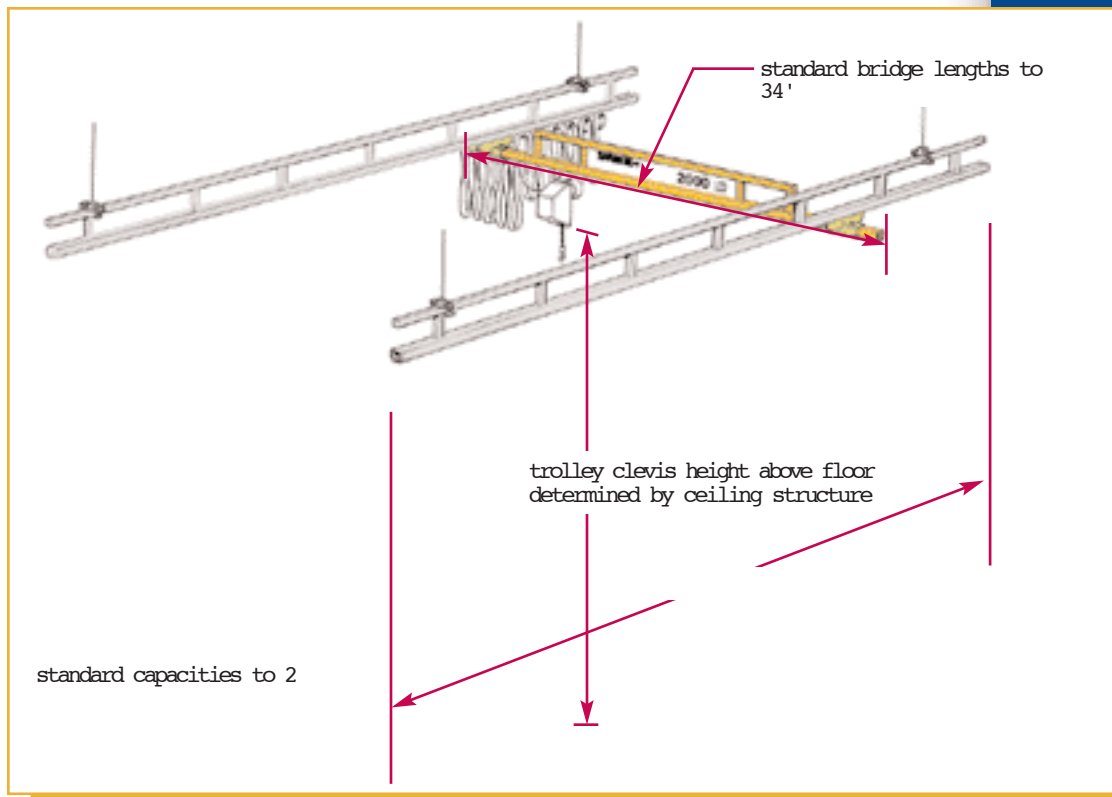
- **Trussed steel track design** increases span with fewer runway supports, lessening work area interference.



# CEILING MOUNTED WORKSTATION BRIDGE CRANES

*Machined steel wheels with crowned tread and zinc chromate corrosion resistant finish provide for absolute minimum rolling resistance and long operating life on end trucks and hoist trolleys.*





*Pre-engineered  
system kit.*

*Everything supplied  
except hoist and  
sway bracing.*

### DETERMINING CAPACITY, WIDTH, LENGTH, AND HEIGHT

- **Capacity:** Load weights should be predetermined in order to avoid buying extra, unneeded capacity. Bridge dead weight will add more weight to the load the operator will be moving.
- **Width:** Bridge span is the length of a bridge between centers of two runways. SPANCO's standard design provides a standard bridge overhang of 12 in. on each end beyond the runway centerline. Bridge length is the overall length.
- **Length:** Runway length is determined by the length of a specific area requiring coverage. Runways are supported on maximum 20, 25, or 30 ft. support centers. Plain track runways are supported every 6 ft. for 400, 500, 600, and 900 series and every 9 ft. for 700 series.
- **Height:** In order to attain minimal resistance, it is recommended that the trolley clevis height be kept as low as possible, with practical consideration given to minimum headroom requirements. Height is measured from the floor to the trolley clevis from which a hoist is suspended.





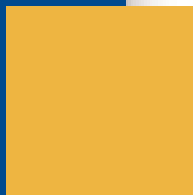
# CEILING MOUNTED WORKSTATION BRIDGE CRANES

*SPANCO enclosed track workstations meet or exceed ANSI B30.11 standards for monorails and underhung cranes.*

## CHOICE OF PAINT FINISHES

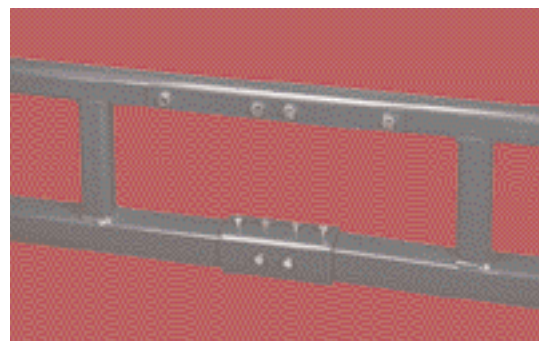
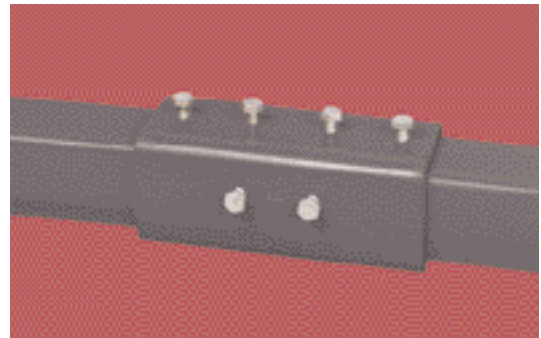
*All runways are painted with SPANCO's Standard Grey enamel or optional "Ford Blue."*

*All bridges are painted SPANCO Yellow.*



## EASY INSTALLATION AND MODULAR DESIGN

- **Pre-engineered modular design** allows for easy relocation and/or expansion by simply adding runway sections and additional bridges.
- **Splice joints** connect the track sections and are supplied complete with vertical and horizontal adjustment screws, facilitating precise alignment of the track sections.
- **Trussed splice joints** connect the top chord of the truss and link track sections for precise alignment.



## DESIGN FACTORS

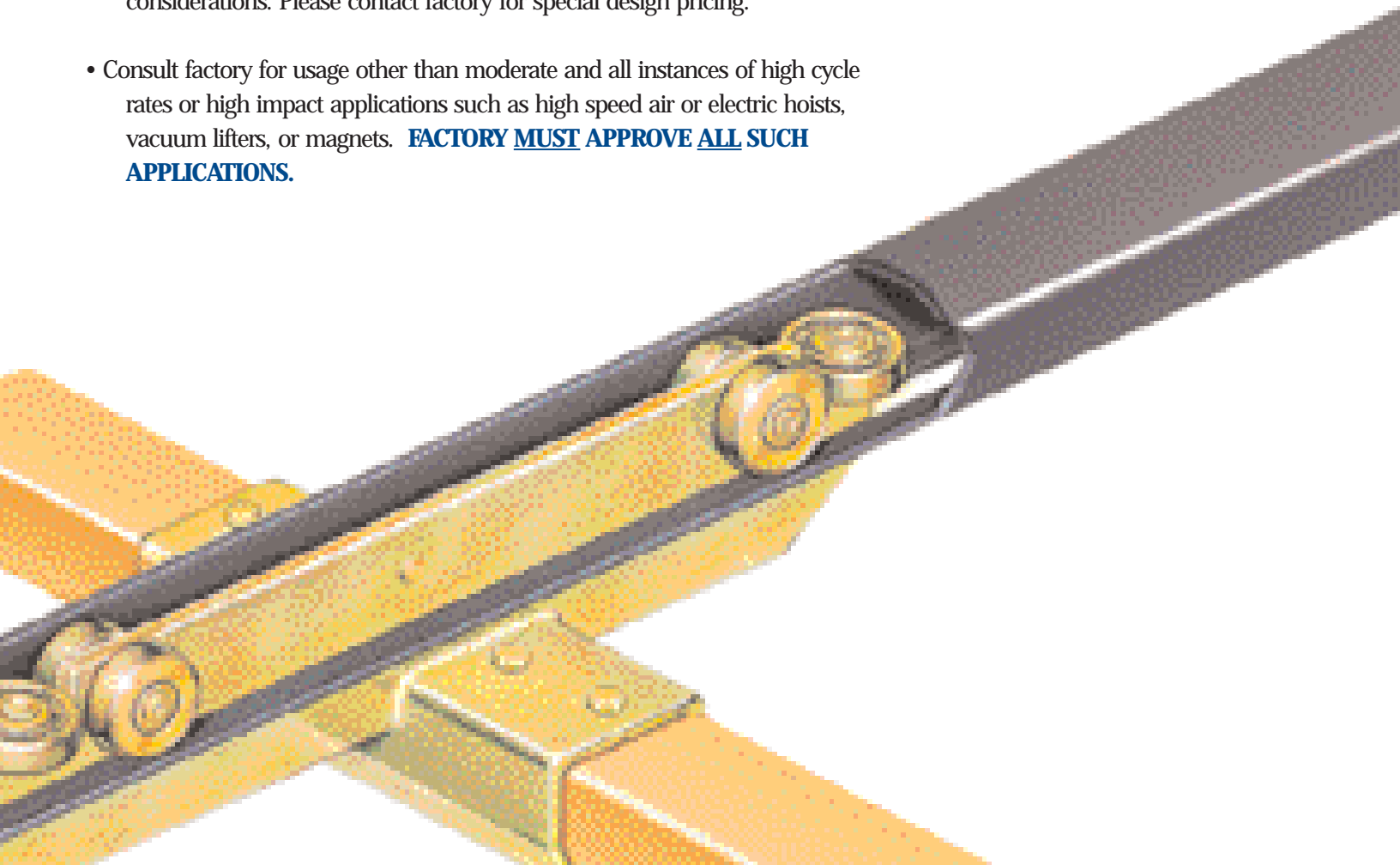
- **Nameplate bridge capacity** represents the rated load on the hoist hook. The load rating of a hoist shall not exceed the bridge rating. SPANCO's design includes an allowance of 15% of nameplate capacity for dead weight of the trolley and hoist. An additional allowance of 25% of nameplate capacity is also included for impact.



## SERVICE FACTOR

All SPANCO workstation cranes are designed for frequent usage (*heavy service*) as defined:

- System or equipment is used where **operational time is up to 100% of the work period and lifted load is at 50% or below** rated capacity.
- System or equipment is used where **operational time is less than 50% of work period and lifted load is greater than 50%** of rated capacity.
- **Applications involving vacuums, magnets, or other high impact lifters** are considered severe usage (*continuous service*) and require special design considerations. Please contact factory for special design pricing.
- Consult factory for usage other than moderate and all instances of high cycle rates or high impact applications such as high speed air or electric hoists, vacuum lifters, or magnets. **FACTORY MUST APPROVE ALL SUCH APPLICATIONS.**



# Ceiling Mounted Workstation Bridge Cranes

## SYSTEM OPTIONS

### Mixed Capacity Systems

- Maximize system capability and efficiency by utilizing heavier capacity runways and smaller capacity, multiple bridges.

- Example: Using a 2,000 lb. capacity runway system, two 1,000 lb. or four 500 lb. bridges can operate within the same runway support centers.

### Bridge Buffers

- Roll in the runway tracks between two crane bridges restricting the distance they can travel towards each other, to avoid overloading the runway.

### Intermediate Crane End Stops

- Additional through-bolted end stops can be installed in the runway tracks at runway support centers to prevent more than one bridge crane from operating within a set of support centers.

### Tractor Drives

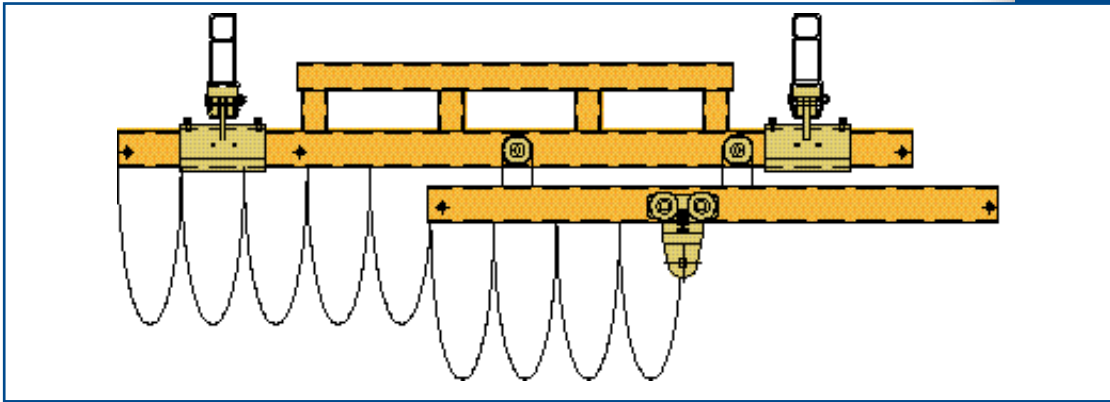
- Power bridge or trolley and hoist travel on straight 600, 700, or 900 series track (1000 to 4000 lb. capacities) runways or monorails.
- 208 to 575 volts, three phase, 60 hertz, electric operation, air driven also available.
- Standard single speeds, 34, 50, and 75 F.P.M. Other speeds available.



Bridge Buffer



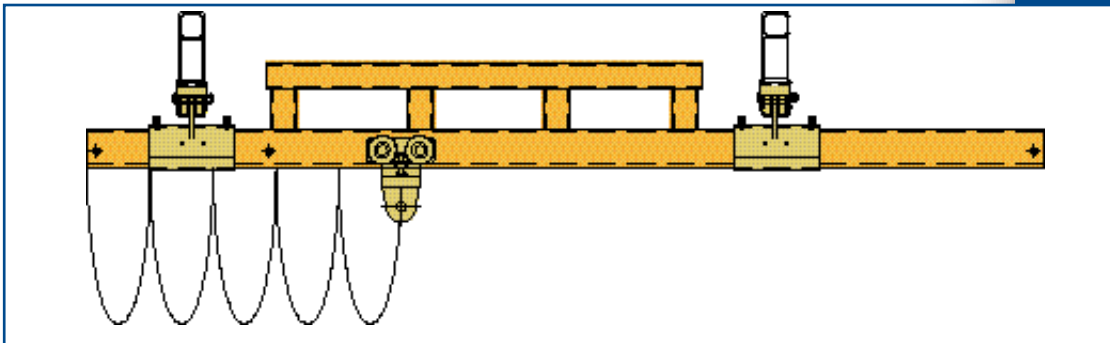




TELESCOPING  
SYSTEM

### Telescoping Bridges

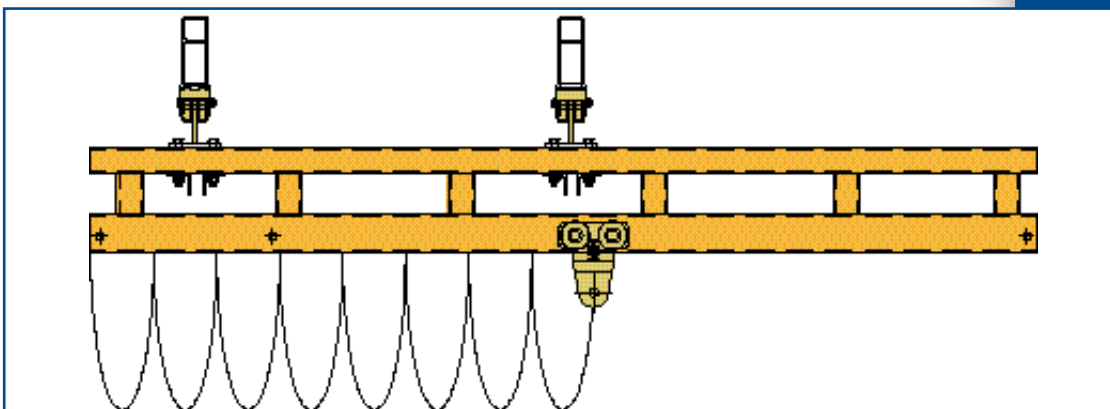
- Provide extended reach to areas beyond a column or under mezzanines or shelving; a neighboring workstation; or into a specific area or opening requiring coverage.
- Steel anti-kickup wheels prevent bridge binding, ensuring smooth movement.
- Range in capacities up to 2000 lb. For specific applications, consult factory for an engineered solution.



CANTILEVERED  
SYSTEM

### Cantilevered Bridges

- One or both ends of the crane bridge can be cantilevered beyond the standard 12 in. overhang in order to cover a wider area.
- For specific applications, consult factory for an engineered solution.



TRUSSED  
CANTILEVERED  
SYSTEM

# COMPONENTS WORKSTATION BRIDGE CRANES

## 1 END STOP BUMPER

- Through bolted to the track.
- Resilient rubber bumper increases impact resistance.
- Standard on all systems.



1 END STOP BUMPER

## 2 CABLE/HOSE TROLLEYS

- Utilized on powered hoist systems for conveying the power supply flat cable or round air hose from the static source to the powered hoist.
- Four wheels ensure smooth movement.
- Pivoting trolley clevis provides swiveling action for round air hose.
- Standard on all systems.



## 3 FESTOON SECTION

- Supplied to attach to the end of one runway to supply a stack-up section for the cable/hose trolleys.
- Allows complete end to end bridge travel.
- Standard on all systems.



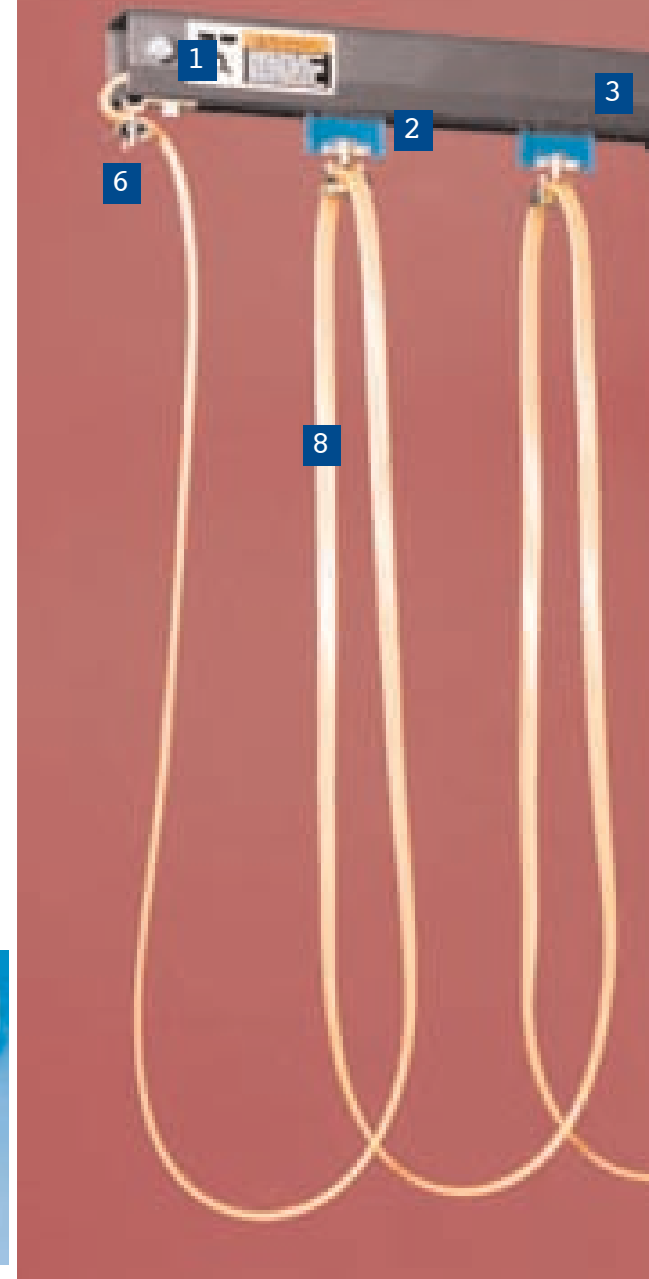
3 FESTOON SECTION

## 4 END TRUCK

- Provide smooth running connection between the bridge crane and runway track.
- Placement of horizontal steel wheels on either end of the end truck guards against "crabbing action" caused by non-parallel track profile, ensuring free movement.
- End trucks are designed to ANSI B30.11 specifications for underhung bridge cranes.



4 END TRUCK



5 HOIST TROLLEY

# CEILING MOUNTED WORKSTATION BRIDGE CRANES

HANGER ASSEMBLY  
Tie Rod Plain Track Runway



## Tie Rod Hanger Assembly- Plain Track Runway

Standard hanger assembly for plain track systems. Includes:

- Adjustable roof beam clamp providing secure fit to beam. Flange widths range from 2 1/4 in. to 8 in.
- Standard 12 in. hanger rod. (Longer as required)
- Plain track support bracket.

HANGER ASSEMBLY  
Tie Rod Trussed Track Runway



## Tie Rod Hanger Assembly- Trussed Track Runway

Standard hanger assembly for trussed track systems. Includes:

- Adjustable beam clamp providing secure fit to beam. Flange widths range from 2 1/4 in. to 8 in.
- Standard 12 in. hanger rod. (Longer as required)
- Trussed track support bracket.

*SPANCO recommends consulting a qualified professional architect or engineer in your local area to determine your building support adequacy. Considerations include your geographical region, snowfall, seismic loading, etc.*

## RUNWAY SUPPORT SYSTEMS

### Sway Bracing

- Required on all tie rod supported systems to ensure maximum runway rigidity.
- Sway brace clip attaches to standard rod and track clamp. Fits 1 in. diameter, schedule 40 pipe at a 45° angle.
- 1 inch pipe supplied by others.



SWAY BRACING  
(Pipe Clamp optional. Pipe supplied by others.)

### Flush Clamp- Cross Mount

- Optional hanger assembly attaching plain track to support steel. Fabricated from structural plate equipped with Grade 5 bolts and beam clips. Can only be used with a plain track bridge.
- Care should be taken to ensure adequate bridge clearance.



FLUSH CLAMP  
Cross Mount

### Flush Clamp- Parallel Mount

- Optional hanger assembly attaching plain track to support steel. Fabricated from structural plate equipped with two Grade 5 bolts and beam clips.
- Care should be taken to ensure adequate bridge clearance.



FLUSH CLAMP Parallel Mount

# CEILING MOUNTED WORKSTATION BRIDGE CRANES

## SPECIFICATION CHARTS

SPANCO ceiling mounted bridge crane dimensional charts are organized according to the length of the maximum support centers for each runway. Generally, considering the following points is helpful for determining specific runway support centers:

- The size of the building or specific area requiring coverage: Will the system cover the full building perimeter or a smaller specific area within a building?
- Location of fixed structures such as machinery, building columns, overhead lighting, and fixtures.
- Specific logistics of the area requiring coverage: Is the system moving material to an assembly line, into storage, or from one workstation to another?

### CONSIDERATIONS FOR PLAIN TRACK

- Maximum runway support centers are 6 feet for 400, 500, 600, and 900 series track. Support centers are 9 feet for 700 series track.
- Specific headroom requirements: Runways can be flush mounted to overhead building steel if conditions permit, allowing the lowest possible headroom constraint.

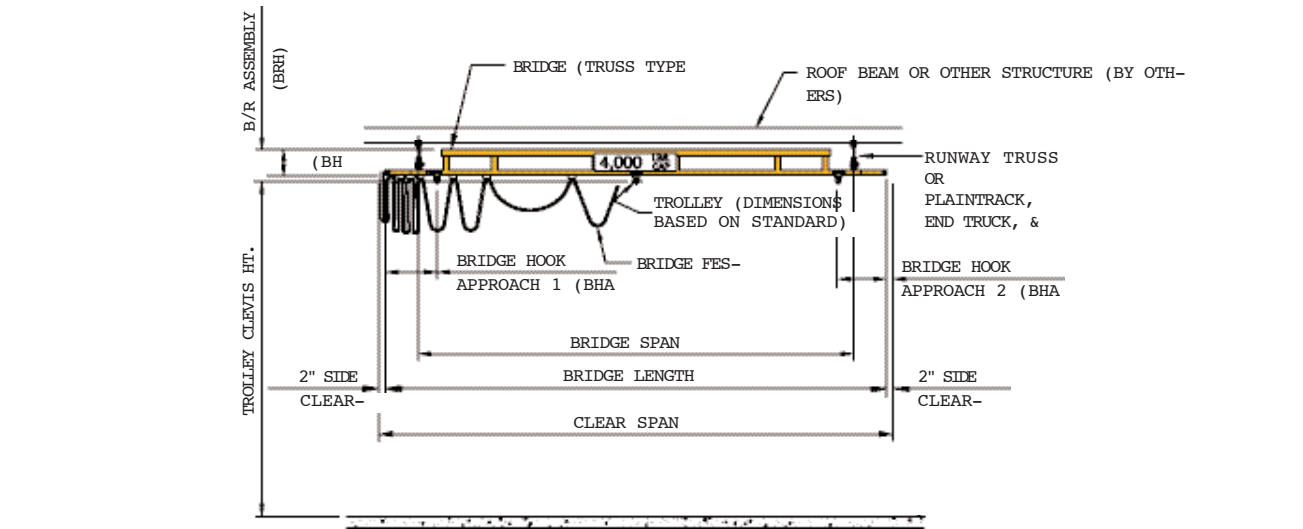
### CONSIDERATIONS FOR TRUSSED TRACK

- Maximum runway support centers are 20, 25, and 30 feet.
- Specific headroom requirements: 20 ft. runway support centers allow for runway trusses with the shortest depth, maximizing headroom space under the hoist.

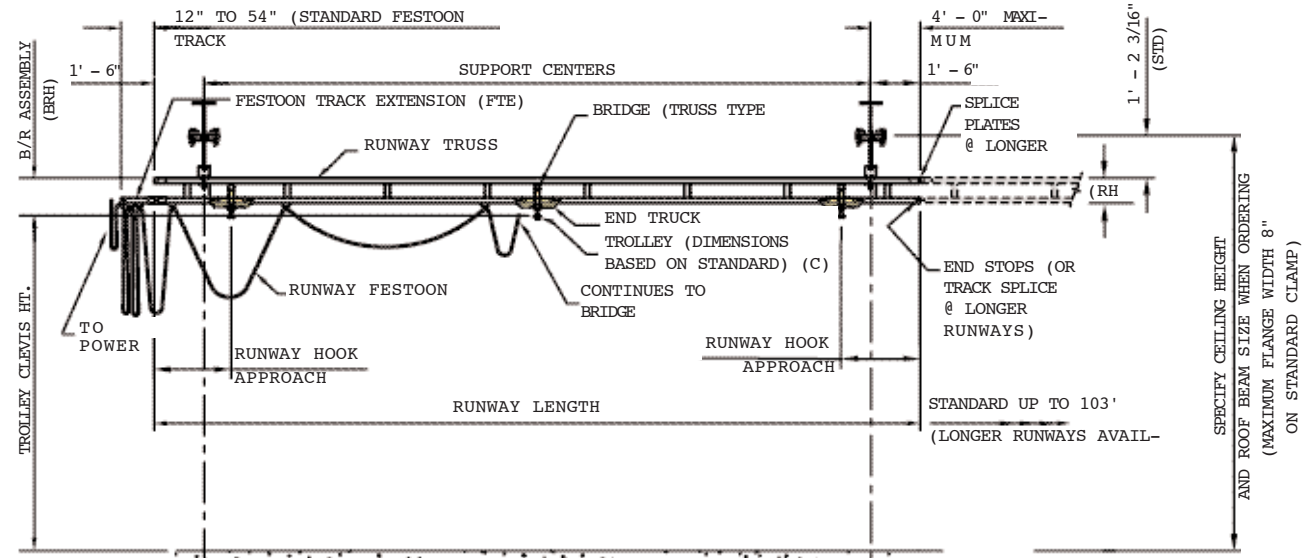




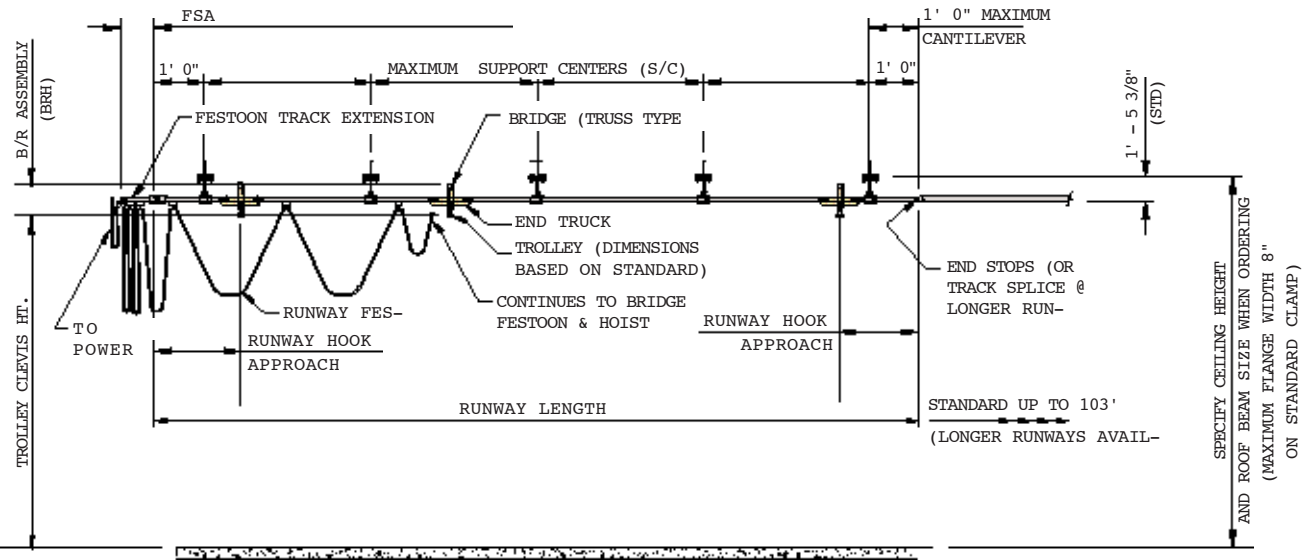
CEILING MOUNTED WORKSTATION BRIDGE CRANES



TRUSSED TRACK RUNWAY



PLAIN TRACK RUNWAY



C = TROLLEY DIMENSION (bottom of the bridge to trolley clevis) BH = BRIDGE HEIGHT RH = RUNWAY HEIGHT

CEILING MOUNTED WORKSTATION BRIDGE CRANES  
END APPROACH

HOOK APPROACH DATA												
SYSTEM DATA	300 SERIES			400 SERIES			500 SERIES			600 SERIES		
	BRIDGE	RUNWAY	RHA	BRIDGE	RUNWAY	RHA	BRIDGE	RUNWAY	RHA	BRIDGE	RUNWAY	RHA
8'	8 1/8"	2 7/8"	8"	10 1/2"	3 1/4"	9 3/4"	18 5/8"	3 5/8"	10 5/16"	20"	4 1/8"	11 1/4"
10'	10 3/4"	2 7/8"	8"	14"	3 1/4"	9 3/4"	18 5/8"	3 5/8"	10 5/16"	20"	4 1/8"	11 1/4"
15'	13 3/8"	2 7/8"	8"	17 1/2"	3 1/4"	9 3/4"	18 5/8"	3 5/8"	10 5/16"	20"	4 1/8"	11 1/4"
20'	18 5/8"	2 7/8"	8"	24 1/2"	3 1/4"	9 3/4"	25 1/2"	3 5/8"	10 5/16"	25 7/8"	4 1/8"	11 1/4"
23'	N/A	N/A	N/A	28"	3 1/4"	9 3/4"	28"	3 5/8"	10 5/16"	28 3/8"	4 1/8"	11 1/4"
28'	N/A	N/A	N/A	31 1/2"	3 1/4"	18 5/16"	32 1/2"	3 5/8"	18 7/8"	32 7/8"	4 1/8"	20 3/4"
34'	N/A	N/A	N/A	N/A	N/A	N/A	43"	3 5/8"	18 7/8"	43 3/8"	4 1/8"	20 3/4"

Applies to all runway lengths up to 103'

SYSTEM SPECIFICATIONS FOR CEILING MOUNTED KITS

SPANCO Ceiling Mounted Workstation Bridge Crane kits include:

BRIDGE KITS

1. Plain bridge, tube reinforced bridge, or trussed bridge as required
2. Hoist trolley
3. Bridge end stops
4. Festoon cable with trolleys
5. End trucks

RUNWAY KITS

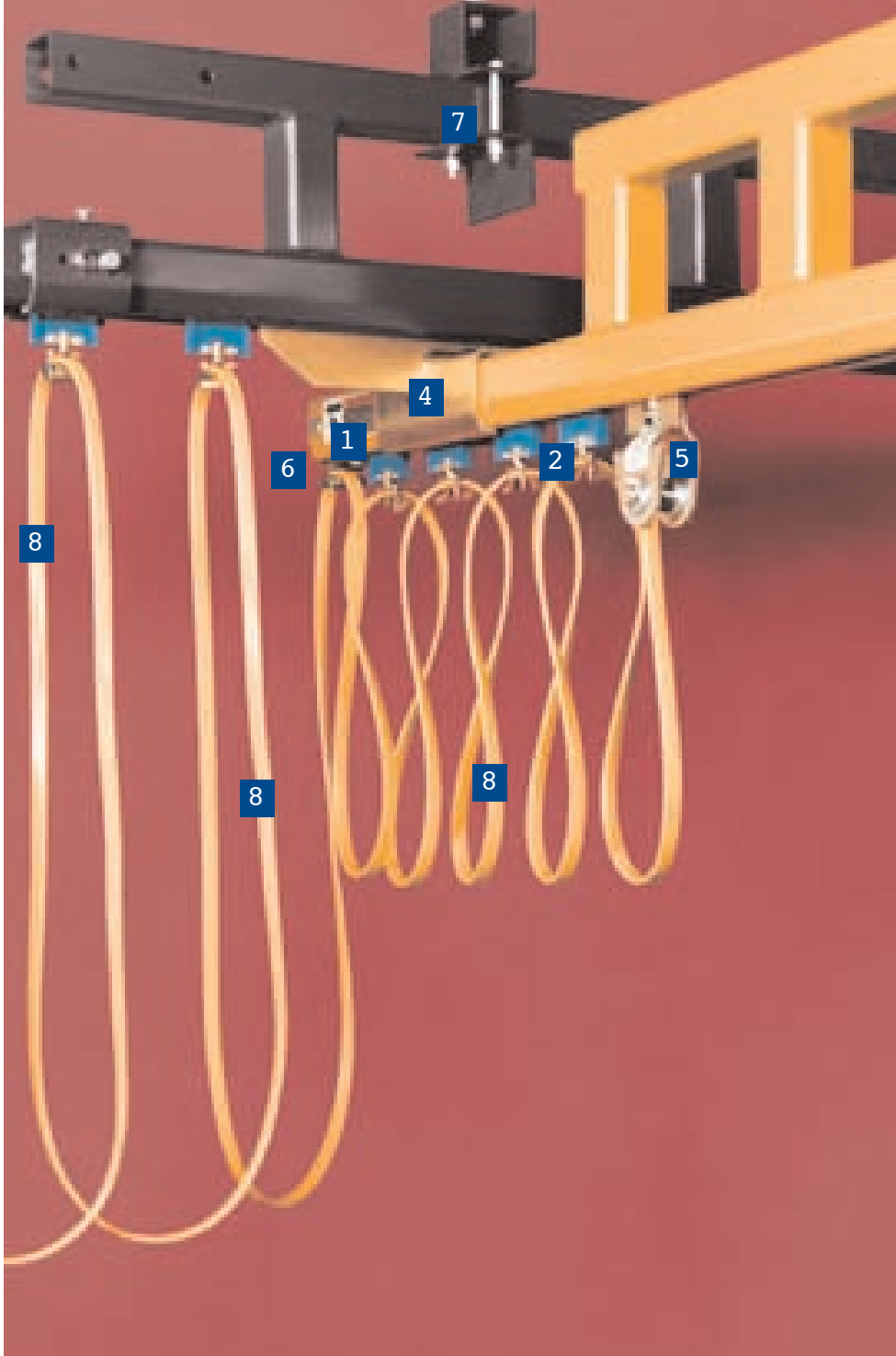
1. Hangers
2. Runway end stops
3. Festoon cables with trolleys
4. Standard festoon track extension
5. Plain or trussed runways

- Ceiling mounted system kits include appropriate number of hanger rods, hangers, adjustable beam clamps, and track support brackets.
- Ceiling mounted system kits do not include hoist or required sway bracing.
- All ceiling mounted systems must be properly braced to existing structure using proper sway bracing. To achieve desired rigidity for specific application, SPANCO recommends consulting a professional architect or engineer in your local area to satisfy all codes and ordinances.
- Dimensions shown are approximate and subject to change without notice. All catalog dimensions are developed using standard components for the spans and capacities required. Substitution of optional trolleys or other components will affect certain dimensions. If specific clearances are required, specify at time of order.



BRIDGE CRANE KITS & CEILING MOUNTED KITS

CUSTOMER:		STANDARD SUPPORT CENTERS (S/C):	
TRACK SERIES:	CAPACITY:	RUNWAY SUPPORT CENTERS (S/C1):	
NUMBER OF UNITS:		RUNWAY SUPPORT CENTERS (S/C2):	
TROLLEY CLEVIS HT. (TCH):		RUNWAY SUPPORT CENTERS (S/C3):	
CEILING HEIGHT:		RUNWAY SUPPORT CENTERS (S/C4):	
BRIDGE / RUNWAY		RUNWAY SUPPORT CENTERS (S/C5):	
MODEL NUMBER:		HANGER ROD LENGTH:	
BRIDGE LENGTH (BL):		ELECTRICAL REQUIREMENTS:	
CLEAR SPAN (CS):		FESTOON TRACK EXTENSION (FTE):	
OVERALL RUNWAY LENGTH (RL):		FESTOON CABLE LENGTH (FCL):	



6 CABLE/HOSE CLAMP



UNIVERSAL BUMPER  
(optional)

5 HOIST TROLLEY

- Connection between lifting device and bridge.
- Fabricated from precision cut steel plate.
- Machined steel wheels ensure smooth movement.
- Trolleys are designed to ANSI B30.11 specifications for underhung bridge cranes.

6 CABLE/HOSE CLAMPS

- Fitted at one end of the runway and one end of the bridge.
- Utilized where power feed is required.

7 HANGER ASSEMBLY

- Standard tie rod support assembly. (See next page for more details.)

8 FLAT CABLE  
FESTOONING SYSTEMS

- (four wire)
- Supplied with all systems.
- Optional, various sized air hoses available.

UNIVERSAL BUMPER

- Frictionally clamped to the track opening and must include a horizontal through bolt behind the bumper to protect it from being dislodged by impact.



25' - 0" MAXIMUM SUPPORT CENTERS

TRUSSED TRACK RUNWAY SYSTEMS												
SYSTEM DATA			MODEL NUMBER			BRIDGE/RUNWAY DATA				FESTOON DATA		
BL	RL	CMT	BL	RL	TS	BRH	BH	C	RH	QTY	FTE	FCL
8'	28'	CMT-8-28-425	1'-3 1/2"	1 11/16"	2 1/4"	11"	8	24"	28'			
	53'	CMT-8-53-425	1'-3 1/2"	1 11/16"	2 1/4"	11"	10	36"	74'			
	78'	CMT-8-78-425	1'-3 1/2"	1 11/16"	2 1/4"	11"	14	54"	101'			
	103'	CMT-8-103-425	1'-3 1/2"	1 11/16"	2 1/4"	11"	19	54"	129'			
10'	28'	CMT-10-28-425	1'-3 1/2"	3 11/16"	2 1/4"	11"	7	24"	48'			
	53'	CMT-10-53-425	1'-3 1/2"	3 11/16"	2 1/4"	11"	11	36"	78'			
	78'	CMT-10-78-425	1'-3 1/2"	3 11/16"	2 1/4"	11"	15	54"	103'			
	103'	CMT-10-103-425	1'-3 1/2"	3 11/16"	2 1/4"	11"	20	54"	131'			
15'	28'	CMT-15-28-425	1'-3 1/2"	8"	2 1/4"	11"	8	24"	54'			
	53'	CMT-15-53-425	1'-3 1/2"	8"	2 1/4"	11"	12	36"	82'			
	78'	CMT-15-78-425	1'-3 1/2"	8"	2 1/4"	11"	16	54"	109'			
	103'	CMT-15-103-425	1'-3 1/2"	8"	2 1/4"	11"	21	54"	137'			
20'	28'	CMT-20-28-425	1'-3 1/2"	9"	2 1/4"	11"	10	24"	59'			
	53'	CMT-20-53-425	1'-3 1/2"	9"	2 1/4"	11"	14	36"	87'			
	78'	CMT-20-78-425	1'-3 1/2"	9"	2 1/4"	11"	18	54"	114'			
	103'	CMT-20-103-425	1'-3 1/2"	9"	2 1/4"	11"	23	54"	142'			
23'	28'	CMT-23-28-425	1'-3 1/2"	9"	2 1/4"	11"	11	24"	63'			
	53'	CMT-23-53-425	1'-3 1/2"	9"	2 1/4"	11"	15	36"	91'			
	78'	CMT-23-78-425	1'-3 1/2"	9"	2 1/4"	11"	19	54"	118'			
	103'	CMT-23-103-425	1'-3 1/2"	9"	2 1/4"	11"	24	54"	146'			
28'	28'	CMT-28-28-425	1'-6 7/16"	11"	2 1/4"	11"	12	24"	68'			
	53'	CMT-28-53-425	1'-6 7/16"	11"	2 1/4"	11"	16	36"	98'			
	78'	CMT-28-78-425	1'-6 7/16"	11"	2 1/4"	11"	20	54"	123'			
	103'	CMT-28-103-425	1'-6 7/16"	11"	2 1/4"	11"	25	54"	151'			

25'- 0" MAXIMUM SUPPORT CENTERS  
250 LB. CAPACITY

TRUSSED TRACK RUNWAY SYSTEMS												
SYSTEM DATA		MODEL NUMBER			BRIDGE/RUNWAY DATA				FESTOON DATA			
BL	RL	CMT	BL	RL	TS	BRH	BH	C	RH	QTY	FTE	FCL
8'	28'	CMT-8-28-525	1'-6 7/16"	2 3/8"	2 5/8"	1-0 3/8"	6	24"	28'			
	53'	CMT-8-53-525	1'-6 7/16"	2 3/8"	2 5/8"	1-0 3/8"	10	36"	74'			
	78'	CMT-8-78-525	1'-6 7/16"	2 3/8"	2 5/8"	1-0 3/8"	14	54"	101'			
	103'	CMT-8-103-525	1'-6 7/16"	2 3/8"	2 5/8"	1-0 3/8"	19	54"	129'			
10'	28'	CMT-10-28-525	1'-6 7/16"	6 3/8"	2 5/8"	1-0 3/8"	7	24"	48'			
	53'	CMT-10-53-525	1'-6 7/16"	6 3/8"	2 5/8"	1-0 3/8"	11	36"	78'			
	78'	CMT-10-78-525	1'-6 7/16"	6 3/8"	2 5/8"	1-0 3/8"	15	54"	103'			
	103'	CMT-10-103-525	1'-6 7/16"	6 3/8"	2 5/8"	1-0 3/8"	20	54"	131'			
15'	28'	CMT-15-28-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	8	24"	54'			
	53'	CMT-15-53-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	12	36"	82'			
	78'	CMT-15-78-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	16	54"	109'			
	103'	CMT-15-103-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	21	54"	137'			
20'	28'	CMT-20-28-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	10	24"	59'			
	53'	CMT-20-53-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	14	36"	87'			
	78'	CMT-20-78-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	18	54"	114'			
	103'	CMT-20-103-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	23	54"	142'			
23'	28'	CMT-23-28-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	11	24"	83'			
	53'	CMT-23-53-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	15	36"	91'			
	78'	CMT-23-78-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	19	54"	118'			
	103'	CMT-23-103-525	1'-6 7/16"	10"	2 5/8"	1-0 3/8"	24	54"	146'			
28'	28'	CMT-28-28-525	1'-8 1/4"	1'-0 3/8"	2 5/8"	1-0 3/8"	12	24"	68'			
	53'	CMT-28-53-525	1'-8 1/4"	1'-0 3/8"	2 5/8"	1-0 3/8"	16	36"	98'			
	78'	CMT-28-78-525	1'-8 1/4"	1'-0 3/8"	2 5/8"	1-0 3/8"	20	54"	123'			
	103'	CMT-28-103-525	1'-8 1/4"	1'-0 3/8"	2 5/8"	1-0 3/8"	25	54"	151'			
34'	28'	CMT-34-28-525	1'-8 1/4"	1'-2 3/8"	2 5/8"	1-0 3/8"	15	24"	75'			
	53'	CMT-34-53-525	1'-8 1/4"	1'-2 3/8"	2 5/8"	1-0 3/8"	19	36"	103'			
	78'	CMT-34-78-525	1'-8 1/4"	1'-2 3/8"	2 5/8"	1-0 3/8"	23	54"	130'			
	103'	CMT-34-103-525	1'-8 1/4"	1'-2 3/8"	2 5/8"	1-0 3/8"	28	54"	158'			

25'- 0" MAXIMUM SUPPORT CENTERS  
500 LB. CAPACITY

8' - 10' - 15' - 20' - 23' - 28' - 34' BRIDGE LENGTH



TRUSSED TRACK RUNWAY SYSTEMS												
SYSTEM DATA		MODEL NUMBER			BRIDGE/RUNWAY DATA				FESTOON DATA			
BL	RL	CMT	BL	RL	TS	BRH	BH	C	RH	QTY	FTE	FCL
8'	28'	CMT-8-28-625	1'-0 1/8"	2 15/16"	3 1/16"	1-1 7/8"	6	24"	46'			
	53'	CMT-8-53-625	1'-0 1/8"	2 15/16"	3 1/16"	1-1 7/8"	10	36"	74'			
	78'	CMT-8-78-625	1'-0 1/8"	2 15/16"	3 1/16"	1-1 7/8"	14	54"	101'			
	103'	CMT-8-103-625	1'-0 1/8"	2 15/16"	3 1/16"	1-1 7/8"	18	54"	129'			
10'	28'	CMT-10-28-625	1'-0 1/8"	5 15/16"	3 1/16"	1-1 7/8"	7	24"	48'			
	53'	CMT-10-53-625	1'-0 1/8"	5 15/16"	3 1/16"	1-1 7/8"	11	36"	75'			
	78'	CMT-10-78-625	1'-0 1/8"	5 15/16"	3 1/16"	1-1 7/8"	15	54"	103'			
	103'	CMT-10-103-625	1'-0 1/8"	5 15/16"	3 1/16"	1-1 7/8"	20	54"	131'			
15'	28'	CMT-15-28-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	8	24"	54'			
	53'	CMT-15-53-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	12	36"	82'			
	78'	CMT-15-78-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	16	54"	109'			
	103'	CMT-15-103-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	21	54"	137'			
20'	28'	CMT-20-28-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	10	24"	58'			
	53'	CMT-20-53-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	14	36"	87'			
	78'	CMT-20-78-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	18	54"	114'			
	103'	CMT-20-103-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	23	54"	142'			
23'	28'	CMT-23-28-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	11	24"	63'			
	53'	CMT-23-53-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	15	36"	91'			
	78'	CMT-23-78-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	19	54"	118'			
	103'	CMT-23-103-625	1'-0 1/8"	11"	3 1/16"	1-1 7/8"	24	54"	148'			
28'	28'	CMT-28-28-625	1'-1 1/8"	1'-1 7/8"	3 1/16"	1-1 7/8"	12	24"	68'			
	53'	CMT-28-53-625	1'-1 1/8"	1'-1 7/8"	3 1/16"	1-1 7/8"	16	36"	96'			
	78'	CMT-28-78-625	1'-1 1/8"	1'-1 7/8"	3 1/16"	1-1 7/8"	20	54"	123'			
	103'	CMT-28-103-625	1'-1 1/8"	1'-1 7/8"	3 1/16"	1-1 7/8"	25	54"	151'			
34'	28'	CMT-34-28-625	1'-1 1/8"	1'-5"	3 1/16"	1-1 7/8"	15	24"	75'			
	53'	CMT-34-53-625	1'-1 1/8"	1'-5"	3 1/16"	1-1 7/8"	19	36"	103'			
	78'	CMT-34-78-625	1'-1 1/8"	1'-5"	3 1/16"	1-1 7/8"	23	54"	130'			
	103'	CMT-34-103-625	1'-1 1/8"	1'-5"	3 1/16"	1-1 7/8"	28	54"	158'			

25'- 0" MAXIMUM SUPPORT CENTERS  
1,000 LB. CAPACITY

TRUSSED TRACK RUNWAY SYSTEMS												
SYSTEM DATA		MODEL NUMBER			BRIDGE/RUNWAY DATA				FESTOON DATA			
BL	RL	CMT	BL	RL	TS	BRH	BH	C	RH	QTY	FTE	FCL
8'	28'	CMT-8-28-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	6	24"	46'			
	53'	CMT-8-53-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	10	36"	74'			
	78'	CMT-8-78-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	14	54"	101'			
	103'	CMT-8-103-725	2'-1 3/4"	2 15/16"	4 1/8"	1-4"	18	54"	129'			
10'	28'	CMT-10-28-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	7	24"	48'			
	53'	CMT-10-53-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	11	36"	75'			
	78'	CMT-10-78-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	15	54"	103'			
	103'	CMT-10-103-725	2'-1 3/4"	4 5/16"	4 1/8"	1-4"	20	54"	131'			
15'	28'	CMT-15-28-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	8	24"	54'			
	53'	CMT-15-53-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	12	36"	82'			
	78'	CMT-15-78-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	16	54"	109'			
	103'	CMT-15-103-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	21	54"	137'			
20'	28'	CMT-20-28-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	10	24"	58'			
	53'	CMT-20-53-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	14	36"	87'			
	78'	CMT-20-78-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	18	54"	114'			
	103'	CMT-20-103-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	23	54"	142'			
23'	28'	CMT-23-28-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	11	24"	63'			
	53'	CMT-23-53-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	15	36"	91'			
	78'	CMT-23-78-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	19	54"	118'			
	103'	CMT-23-103-725	2'-1 3/4"	1'-0"	4 1/8"	1-4"	24	54"	148'			
28'	28'	CMT-28-28-725	2'-3 5/8"	1'-4"	4 1/8"	1-4"	12	24"	68'			
	53'	CMT-28-53-725	2'-3 5/8"	1'-4"	4 1/8"	1-4"	16	36"	96'			
	78'	CMT-28-78-725	2'-3 5/8"	1'-4"	4 1/8"	1-4"	20	54"	123'			
	103'	CMT-28-103-725	2'-3 5/8"	1'-4"	4 1/8"	1-4"	25	54"	151'			
34'	28'	CMT-34-28-725	2'-3 5/8"	1'-6"	4 1/8"	1-4"	15	24"	75'			
	53'	CMT-34-53-725	2'-3 5/8"	1'-6"	4 1/8"	1-4"	19	36"	103'			
	78'	CMT-34-78-725	2'-3 5/8"	1'-6"	4 1/8"	1-4"	23	54"	130'			
	103'	CMT-34-103-725	2'-3 5/8"	1'-6"	4 1/8"	1-4"	28	54"	158'			

25'- 0" MAXIMUM SUPPORT CENTERS  
2,000 LB. CAPACITY

25' - 0" / 30' - 0" MAXIMUM SUPPORT CENTERS

8' - 10' - 15' - 20' - 23' - 28' - 34' BRIDGE LENGTH

TRUSSED TRACK RUNWAY SYSTEMS												
SYSTEM DATA			BRIDGE/RUNWAY DATA				FESTOON DATA					
BL	RL	CMT BL RL TS	BRH	BH	C	RH	QTY	FTE	FCL			
8'	28'	CMT-8-28-925	2'-8 3/4"	4 5/16"	4 1/8"	1'-8"	8	24"	48'			
	53'	CMT-8-53-925	2'-8 3/4"	4 5/16"	4 1/8"	1'-8"	10	36"	74'			
	78'	CMT-8-78-925	2'-8 3/4"	4 5/16"	4 1/8"	1'-8"	14	54"	101'			
	103'	CMT-8-103-925	2'-8 3/4"	4 5/16"	4 1/8"	1'-8"	19	84"	129'			
10'	28'	CMT-10-28-925	2'-8 3/4"	7 13/16"	4 1/8"	1'-8"	7	24"	48'			
	53'	CMT-10-53-925	2'-8 3/4"	7 13/16"	4 1/8"	1'-8"	11	36"	76'			
	78'	CMT-10-78-925	2'-8 3/4"	7 13/16"	4 1/8"	1'-8"	15	54"	103'			
	103'	CMT-10-103-925	2'-8 3/4"	7 13/16"	4 1/8"	1'-8"	20	84"	131'			
15'	28'	CMT-15-28-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	8	24"	54'			
	53'	CMT-15-53-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	12	36"	82'			
	78'	CMT-15-78-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	18	54"	109'			
	103'	CMT-15-103-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	21	84"	137'			
20'	28'	CMT-20-28-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	10	24"	66'			
	53'	CMT-20-53-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	14	36"	97'			
	78'	CMT-20-78-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	18	54"	114'			
	103'	CMT-20-103-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	23	84"	142'			
23'	28'	CMT-23-28-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	11	24"	83'			
	53'	CMT-23-53-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	15	36"	91'			
	78'	CMT-23-78-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	19	54"	118'			
	103'	CMT-23-103-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	24	84"	148'			
28'	28'	CMT-28-28-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	12	24"	88'			
	53'	CMT-28-53-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	16	36"	98'			
	78'	CMT-28-78-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	20	54"	123'			
	103'	CMT-28-103-925	2'-8 3/4"	1'-8"	4 1/8"	1'-8"	25	84"	151'			

25'- 0" MAXIMUM SUPPORT CENTERS  
4,000 LB. CAPACITY

TRUSSED TRACK RUNWAY SYSTEMS												
SYSTEM DATA			BRIDGE/RUNWAY DATA				FESTOON DATA					
BL	RL	CMT BL RL TS	BRH	BH	C	RH	QTY	FTE	FCL			
8'	34'	CMT-8-34-530	1'-8 9/16"	2 3/8"	2 5/8"	1'-2 3/8"	7	24"	53'			
	64'	CMT-8-64-530	1'-8 9/16"	2 3/8"	2 5/8"	1'-2 3/8"	12	36"	87'			
	94'	CMT-8-94-530	1'-8 9/16"	2 3/8"	2 5/8"	1'-2 3/8"	17	54"	119'			
	124'	CMT-8-124-530	1'-8 9/16"	2 3/8"	2 5/8"	1'-2 3/8"	22	70"	152'			
10'	34'	CMT-10-34-530	1'-8 9/16"	6 3/8"	2 5/8"	1'-2 3/8"	8	24"	54'			
	64'	CMT-10-64-530	1'-8 9/16"	6 3/8"	2 5/8"	1'-2 3/8"	13	36"	88'			
	94'	CMT-10-94-530	1'-8 9/16"	6 3/8"	2 5/8"	1'-2 3/8"	18	54"	121'			
	124'	CMT-10-124-530	1'-8 9/16"	6 3/8"	2 5/8"	1'-2 3/8"	23	70"	154'			
15'	34'	CMT-15-34-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	9	24"	60'			
	64'	CMT-15-64-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	14	36"	92'			
	94'	CMT-15-94-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	19	54"	126'			
	124'	CMT-15-124-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	24	70"	159'			
20'	34'	CMT-20-34-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	11	24"	66'			
	64'	CMT-20-64-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	16	36"	99'			
	94'	CMT-20-94-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	21	54"	132'			
	124'	CMT-20-124-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	26	70"	165'			
23'	34'	CMT-23-34-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	12	24"	69'			
	64'	CMT-23-64-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	17	36"	102'			
	94'	CMT-23-94-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	22	54"	135'			
	124'	CMT-23-124-530	1'-8 9/16"	10"	2 5/8"	1'-2 3/8"	27	70"	168'			
25'	34'	CMT-25-34-530	1'-10 3/8"	1'-0 3/8"	2 5/8"	1'-2 3/8"	15	24"	75'			
	64'	CMT-25-64-530	1'-10 3/8"	1'-0 3/8"	2 5/8"	1'-2 3/8"	16	36"	106'			
	94'	CMT-25-94-530	1'-10 3/8"	1'-0 3/8"	2 5/8"	1'-2 3/8"	25	54"	141'			
	124'	CMT-25-124-530	1'-10 3/8"	1'-0 3/8"	2 5/8"	1'-2 3/8"	26	70"	174'			
34'	34'	CMT-34-34-530	1'-10 3/8"	1'-2 3/8"	2 5/8"	1'-2 3/8"	16	24"	81'			
	64'	CMT-34-64-530	1'-10 3/8"	1'-2 3/8"	2 5/8"	1'-2 3/8"	21	36"	114'			
	94'	CMT-34-94-530	1'-10 3/8"	1'-2 3/8"	2 5/8"	1'-2 3/8"	26	54"	147'			
	124'	CMT-34-124-530	1'-10 3/8"	1'-2 3/8"	2 5/8"	1'-2 3/8"	31	70"	180'			

30'- 0" MAXIMUM SUPPORT CENTERS  
500 LB. CAPACITY



TRUSSED TRACK RUNWAY SYSTEMS											
SYSTEM DATA		MODEL NUMBER	BRIDGE/RUNWAY DATA				TESTROOM DATA				
BL	RL	CMT BL RL TS	BRH	RH	C	RH	QTY	FTE	PCL		
8'	34'	CMT-8-34-830	2'-0 1/4"	2 15/16"	3 1/16"	1'-5"	7	24'	53'		
	64'	CMT-8-64-830	2'-0 1/4"	2 15/16"	3 1/16"	1'-5"	12	36'	88'		
	94'	CMT-8-94-830	2'-0 1/4"	2 15/16"	3 1/16"	1'-5"	17	64'	116'		
	124'	CMT-8-124-830	2'-0 1/4"	2 15/16"	3 1/16"	1'-5"	22	70'	152'		
10'	34'	CMT-10-34-830	2'-0 1/4"	5 15/16"	3 1/16"	1'-5"	8	24'	55'		
	64'	CMT-10-64-830	2'-0 1/4"	5 15/16"	3 1/16"	1'-5"	13	36'	88'		
	94'	CMT-10-94-830	2'-0 1/4"	5 15/16"	3 1/16"	1'-5"	18	64'	121'		
	124'	CMT-10-124-830	2'-0 1/4"	5 15/16"	3 1/16"	1'-5"	23	70'	154'		
15'	34'	CMT-15-34-830	2'-0 1/4"	11"	3 1/16"	1'-5"	9	24'	90'		
	64'	CMT-15-64-830	2'-0 1/4"	11"	3 1/16"	1'-5"	14	36'	93'		
	94'	CMT-15-94-830	2'-0 1/4"	11"	3 1/16"	1'-5"	19	54'	120'		
	124'	CMT-15-124-830	2'-0 1/4"	11"	3 1/16"	1'-5"	24	70'	150'		
20'	34'	CMT-20-34-830	2'-0 1/4"	11"	3 1/16"	1'-5"	11	24'	66'		
	64'	CMT-20-64-830	2'-0 1/4"	11"	3 1/16"	1'-5"	16	36'	98'		
	94'	CMT-20-94-830	2'-0 1/4"	11"	3 1/16"	1'-5"	21	54'	132'		
	124'	CMT-20-124-830	2'-0 1/4"	11"	3 1/16"	1'-5"	26	70'	165'		
23'	34'	CMT-23-34-830	2'-0 1/4"	11"	3 1/16"	1'-5"	12	24'	80'		
	64'	CMT-23-64-830	2'-0 1/4"	11"	3 1/16"	1'-5"	17	36'	102'		
	94'	CMT-23-94-830	2'-0 1/4"	11"	3 1/16"	1'-5"	22	64'	136'		
	124'	CMT-23-124-830	2'-0 1/4"	11"	3 1/16"	1'-5"	27	70'	168'		
28'	34'	CMT-28-34-830	2'-2 1/8"	1'-1 7/8"	3 1/16"	1'-6"	13	24'	75'		
	64'	CMT-28-64-830	2'-2 1/8"	1'-1 7/8"	3 1/16"	1'-6"	18	36'	108'		
	94'	CMT-28-94-830	2'-2 1/8"	1'-1 7/8"	3 1/16"	1'-6"	23	54'	141'		
	124'	CMT-28-124-830	2'-2 1/8"	1'-1 7/8"	3 1/16"	1'-6"	28	70'	174'		
34'	34'	CMT-34-34-830	2'-2 1/8"	1'-5"	3 1/16"	1'-6"	15	24'	81'		
	64'	CMT-34-64-830	2'-2 1/8"	1'-5"	3 1/16"	1'-6"	21	36'	114'		
	94'	CMT-34-94-830	2'-2 1/8"	1'-5"	3 1/16"	1'-6"	26	64'	147'		
	124'	CMT-34-124-830	2'-2 1/8"	1'-5"	3 1/16"	1'-6"	31	70'	180'		

30'- 0" MAXIMUM SUPPORT CENTERS  
1,000 LB. CAPACITY

TRUSSED TRACK RUNWAY SYSTEMS											
SYSTEM DATA		MODEL NUMBER	BRIDGE/RUNWAY DATA				TESTROOM DATA				
BL	RL	CMT BL RL TS	BRH	RH	C	RH	QTY	FTE	PCL		
8'	34'	CMT-8-34-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	7	24'	53'		
	64'	CMT-8-64-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	12	36'	88'		
	94'	CMT-8-94-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	17	64'	116'		
	124'	CMT-8-124-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	22	70'	152'		
10'	34'	CMT-10-34-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	8	24'	54'		
	64'	CMT-10-64-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	13	36'	88'		
	94'	CMT-10-94-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	18	64'	121'		
	124'	CMT-10-124-730	2'-3 3/4"	4 5/16"	4 1/8"	1'-5"	23	70'	154'		
15'	34'	CMT-15-34-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	9	24'	90'		
	64'	CMT-15-64-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	14	36'	93'		
	94'	CMT-15-94-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	19	54'	120'		
	124'	CMT-15-124-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	24	70'	150'		
20'	34'	CMT-20-34-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	11	24'	66'		
	64'	CMT-20-64-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	16	36'	98'		
	94'	CMT-20-94-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	21	54'	132'		
	124'	CMT-20-124-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	26	70'	165'		
23'	34'	CMT-23-34-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	12	24'	80'		
	64'	CMT-23-64-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	17	36'	102'		
	94'	CMT-23-94-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	22	64'	136'		
	124'	CMT-23-124-730	2'-3 3/4"	1'-0"	4 1/8"	1'-6"	27	70'	168'		
28'	34'	CMT-28-34-730	2'-5 5/8"	1'-4"	4 1/8"	1'-6"	13	24'	75'		
	64'	CMT-28-64-730	2'-5 5/8"	1'-4"	4 1/8"	1'-6"	18	36'	108'		
	94'	CMT-28-94-730	2'-5 5/8"	1'-4"	4 1/8"	1'-6"	23	54'	141'		
	124'	CMT-28-124-730	2'-5 5/8"	1'-4"	4 1/8"	1'-6"	28	70'	174'		
34'	34'	CMT-34-34-730	2'-5 5/8"	1'-5"	4 1/8"	1'-6"	16	24'	81'		
	64'	CMT-34-64-730	2'-5 5/8"	1'-5"	4 1/8"	1'-6"	21	36'	114'		
	94'	CMT-34-94-730	2'-5 5/8"	1'-5"	4 1/8"	1'-6"	26	64'	147'		
	124'	CMT-34-124-730	2'-5 5/8"	1'-5"	4 1/8"	1'-6"	31	70'	180'		

30'- 0" MAXIMUM SUPPORT CENTERS  
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30' - 0" MAXIMUM SUPPORT CENTERS

8' - 10' - 15' - 20' - 23' - 28' - 34' BRIDGE LENGTH

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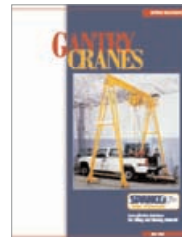
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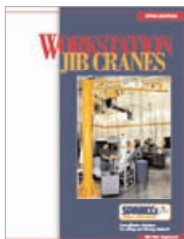
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