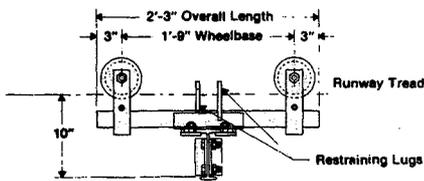
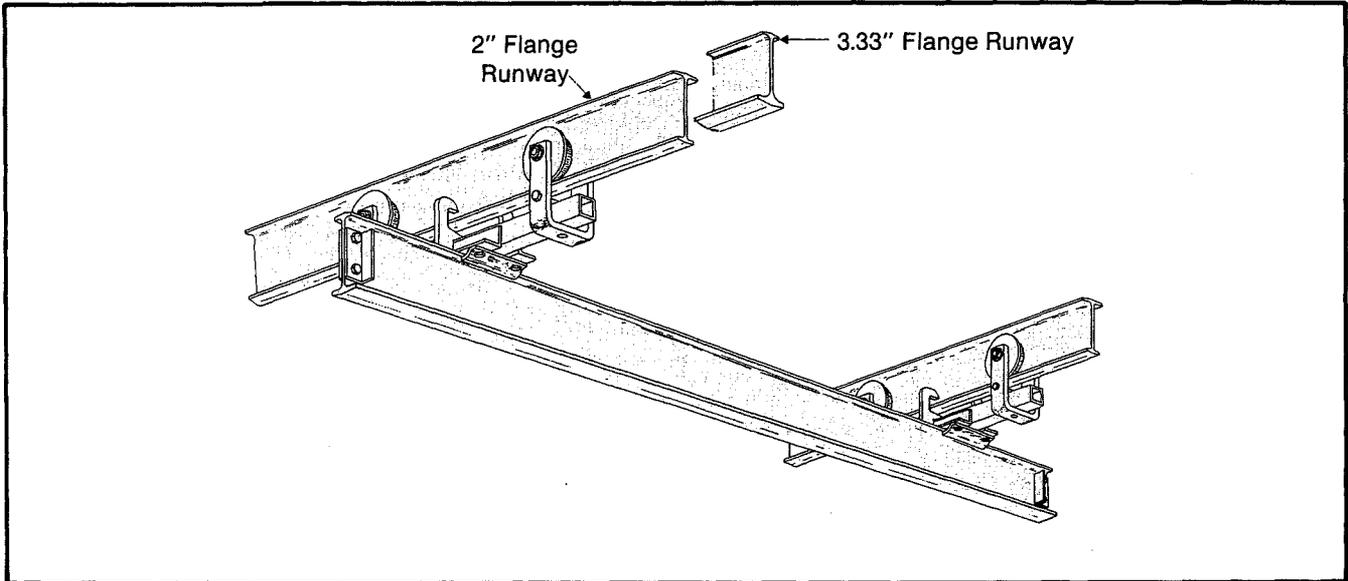
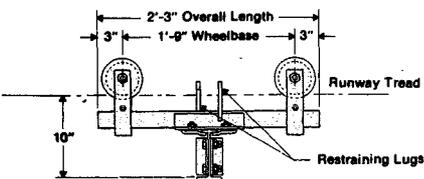
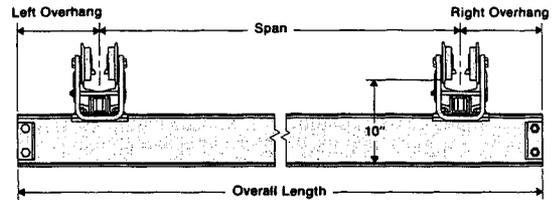




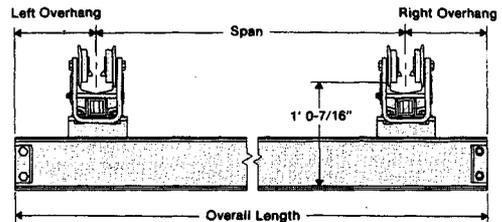
**Hand Propelled, Single Girder, Two-Runway Cranes
To Operate on 2" or 3.33" Flange Runways, for use With Electric, Air or Hand Chain Hoists.**



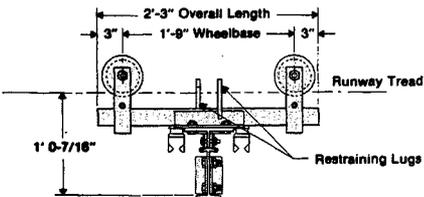
602.6 Bridge Non-Electrified



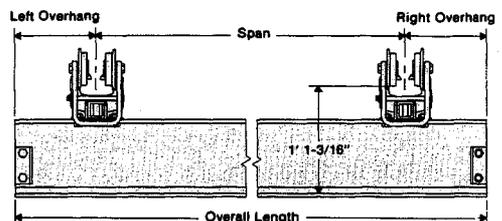
603.6 Bridge Non-Electrified



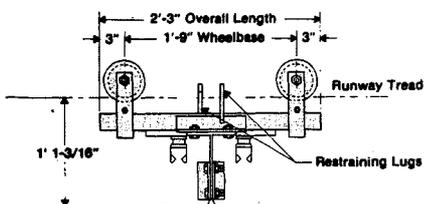
Electrification Not Shown



603.6 Bridge Electrified



Electrification Not Shown



604.922 Bridge Electrified



**Louden® HAND PROPELLED CRANES WITH
FULL DEPTH GIRDERS**

551-2
Issued 9-7-01

**Hand Propelled, Single Girder, Two-Runway Cranes
To Operate on 2" Flange Runways, for use with Chain Hoists Only.**

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.1002			1000 Lbs. Capacity				1150 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	636
10	603.6	271	12	6	18	12	4	3000	1'-9"	643
12	603.6	299	12	6	18	12	4	3000	1'-9"	650
14	603.7	423	12	6	18	12	4	3000	1'-9"	681
16	603.7	463	12	6	18	12	4	3000	1'-9"	691
18	603.7	503	12	6	18	12	4	3000	1'-9"	701

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 150 lbs. for hoist and trolley.
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

(7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.2002			2000 Lbs. Capacity				2200 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	1161
10	603.7	343	12	6	18	12	4	3000	1'-9"	1186
12	603.7	383	12	6	18	12	4	3000	1'-9"	1196
14	603.7	423	12	6	18	12	4	3000	1'-9"	1206
16	603.7	463	12	6	18	12	4	3000	1'-9"	1216
18	603.7	503	12	6	18	12	4	3000	1'-9"	1226

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 200 lbs. for hoist and trolley.
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

(7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)

WARNING: Equipment described herein is not designed for and should not be used for lifting, supporting, or transporting humans. Use of the equipment for this purpose can result in serious bodily injury and/or property damage.



**LOUDEN® HAND PROPELLED CRANES WITH
FULL DEPTH GIRDERS**

551-3
Issued 9-7-01

**Hand Propelled, Single Girder, Two-Runway Cranes
To Operate on 2" Flange Runways, for use with Electric, Air or Hand Chain Hoists.**

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.1002-E			1000 Lbs. Capacity				1550 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	836
10	603.6	271	12	6	18	12	4	3000	1'-9"	843
12	603.7	383	12	6	18	12	4	3000	1'-9"	871
14	603.7	423	12	6	18	12	4	3000	1'-9"	881
16	603.7	463	12	6	18	12	4	3000	1'-9"	891
18	603.7	503	12	6	18	12	4	3000	1'-9"	901

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 400 lbs. for hoist and trolley. (7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.2002-E			2000 Lbs. Capacity				2700 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	1411
10	603.7	343	12	6	18	12	4	3000	1'-9"	1436
12	603.7	383	12	6	18	12	4	3000	1'-9"	1446
14	603.7	423	12	6	18	12	4	3000	1'-9"	1456
16	603.7	463	12	6	18	12	4	3000	1'-9"	1466
18	604.924	585	12	6	18	12	4	3000	1'-9"	1497

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 400 lbs. for hoist and trolley. (7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

WARNING: Equipment described herein is not designed for and should not be used for lifting, supporting, or transporting humans. Use of the equipment for this purpose can result in serious bodily injury and/or property damage.



**Lowden® HAND PROPELLED CRANES WITH
FULL DEPTH GIRDERS**

551-4
Issued 9-7-01

**Hand Propelled, Single Girder, Two-Runway Cranes
To Operate on 3.33" Flange Runways, for use with Hand Chain Hoists Only.**

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.1003			1000 Lbs. Capacity				1150 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	636
10	603.6	271	12	6	18	12	4	3000	1'-9"	643
12	603.6	299	12	6	18	12	4	3000	1'-9"	650
14	603.7	423	12	6	18	12	4	3000	1'-9"	681
16	603.7	463	12	6	18	12	4	3000	1'-9"	691
18	603.7	503	12	6	18	12	4	3000	1'-9"	701

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 150 lbs. for hoist and trolley. (7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.2003			2000 Lbs. Capacity				2200 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	1161
10	603.7	343	12	6	18	12	4	3000	1'-9"	1186
12	603.7	383	12	6	18	12	4	3000	1'-9"	1196
14	603.7	423	12	6	18	12	4	3000	1'-9"	1206
16	603.7	463	12	6	18	12	4	3000	1'-9"	1216
18	603.7	503	12	6	18	12	4	3000	1'-9"	1226

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 200 lbs. for hoist and trolley. (7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

WARNING: Equipment described herein is not designed for and should not be used for lifting, supporting, or transporting humans. Use of the equipment for this purpose can result in serious bodily injury and/or property damage.



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LOUDEN® HAND PROPELLED CRANES WITH FULL DEPTH GIRDERS

551-5
Issued 9-7-01

**Hand Propelled, Single Girder, Two-Runway Cranes
To Operate on 3.33" Flange Runways, for use with Electric, Air or Hand Chain Hoists.**

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.1003-E			1000 Lbs. Capacity				1550 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	836
10	603.6	271	12	6	18	12	4	3000	1'-9"	843
12	603.7	383	12	6	18	12	4	3000	1'-9"	871
14	603.7	423	12	6	18	12	4	3000	1'-9"	881
16	603.7	463	12	6	18	12	4	3000	1'-9"	891
18	603.7	503	12	6	18	12	4	3000	1'-9"	901

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 400 lbs. for hoist and trolley.
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

(7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)

Max Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Overhang				Crane Trucks			Wheel Load Per Pair (2)
			In. Std.	In. Min.	In. Max.	505.7824 Latch	No. Whls.	Capacity Maximum	Wheel Base	
Catalog No. 551.2003-E			2000 Lbs. Capacity				2700 Lbs. Design Load (1)			
8	603.6	243	12	6	18	12	4	3000	1'-9"	1411
10	603.7	343	12	6	18	12	4	3000	1'-9"	1436
12	603.7	383	12	6	18	12	4	3000	1'-9"	1446
14	603.7	423	12	6	18	12	4	3000	1'-9"	1456
16	603.7	463	12	6	18	12	4	3000	1'-9"	1466
18	604.924	585	12	6	18	12	4	3000	1'-9"	1497

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 400 lbs. for hoist and trolley.
2. Calculated for this crane with specified design load, but without added peripheral equipment.
3. Maximum permissible wheel load on 603 Super-track and 604 type Supertrack. Supertrack Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 Trojan Track Girder the limitation is 3,750 Lbs.

(7500 Lbs. per two-wheel trolley) when transferring through 505.7830 latch; 5,000 Lbs. (10,000 Lbs. per two-wheel trolley) when captive on bridge, or when used on Super-Trojan Track Runways. (Super-Trojan Track requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)

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