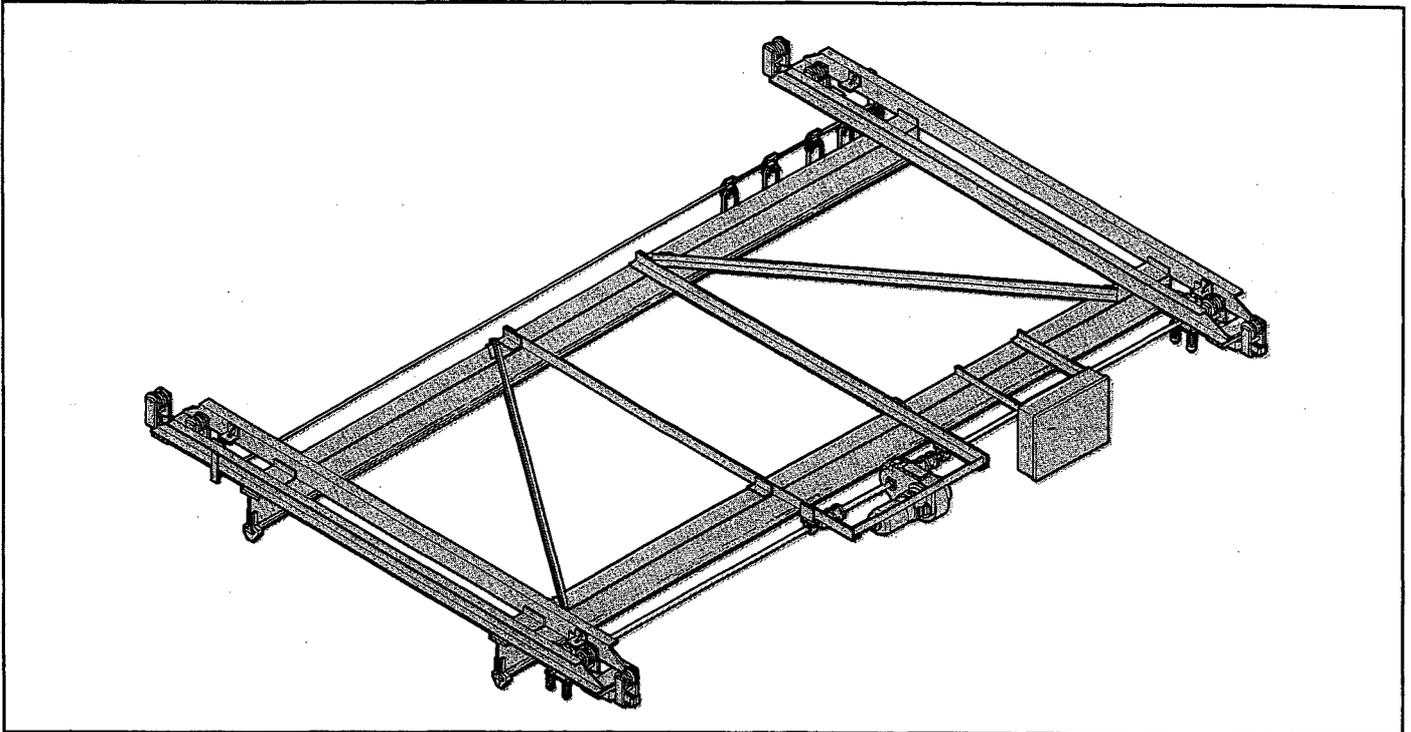




**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-1
Issued 9-7-01

Double Girder, Motor Propelled Cranes With Center Drive, To Operate on Two-Runways of 603 SuperTrack, 604 SuperTrack Girder, or 605 TrojanTrack Girder, 3.33" Operating Flange, For Use With Electric, Air, or Hand Chain Hoists.



The Louden Series 517 center drive crane is offered in capacities of 1 through 10 tons, with spans to 60 feet. Standard bridge speeds are 75 and 135 F.P.M., single speed. Optional travel speeds (single speed) are 50, 110, 135, 165, 190, and 255 F.P.M. Other optional speeds are 2-speed and variable speed. High speeds listed above.

All speeds, except variable, will have adjustable torque and speed ramps through the use of the Acco Acceleration Control Module, a solid state device providing smooth bridge motion and excellent load control.

Standard crane motors are T.E.N.V., 30 minute, with Class F insulation, 55 degree rise over 60 degree ambient. All crane motors will have an AC disc brake as standard.

Available current characteristics are 460/230 volts, 3 phase, 60 Hertz, with 115 volt control circuit.

The gear reducer utilizes Helical gears cut from solid blanks to AGMA specifications. All gears are supported at both ends of the gear shaft by tapered roller bearings, and are enclosed in an oil-tight housing and run in an oil bath.

The drive tires are spring loaded to the underside of the runways, enabling all load wheels to be idler wheels. Load wheels are drop forged and hardened to 425 Brinell minimum. Wheels are flanged with 4 $\frac{1}{2}$ inch tread diameter, and bearings are double row ball or tapered roller type.

Standard electrical equipment includes NEMA type 12 enclosure, a mainline magnetic contactor, manually operated fused mainline disconnect switch with lock out provision, branch circuit fuses, single speed magnetic reversing contactor, transformer with fused secondary, and flat wire festoon tagline bridge electrification. Festooning will consist of four power conductors and eight control conductors.

Each crane is custom designed to fit the structure from which it is to be supported. It is designed to meet or exceed the standards of the Monorail Manufacturers Association and ANSI specification #MH27.1-1996.

The 517 series crane is designed for Class C moderate service (as defined by the above ANSI standard).

The crane is fully assembled before shipment, including the tagline festoon system, The crane will be painted with one coat of yellow lead free alkyl enamel, then disassembled and match-marked for shipment.

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® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-2
Issued 9-7-01

**DOUBLE GIRDER MOTOR PROPELLED CRANES WITH
CENTER DRIVE, TO OPERATE ON TWO RUNWAYS - 3.33"
FLANGE, FOR USE WITH ELECTRIC OR AIR HOISTS ON
DOUBLE GIRDER TROLLEYS.**

Max. Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Motor H.P.		Overhang					Crane Trucks		Wheel Load Per Pair (2)
			Speed (F.P.M.)		In. Std.	In. Min.	In. Max.	505.7824 Latch	505.7830 Latch	No. Whls.	Capacity (Max.)	
			75	135								
Catalog No. 517.2003			2000 Lbs. Capacity					4600 Lbs. Design Load (1)				
18	604.924	2796	3/4	3/4	12	7	18	15	13½	4	10000	2999
20	604.924	2898	3/4	3/4	12	7	18	15	13½	4	10000	3025
22	604.924	3000	3/4	3/4	12	7	18	15	13½	4	10000	3050
24	604.924	3102	3/4	3/4	12	7	18	15	13½	4	10000	3076
26	604.1231	3592	3/4	1	12	7	18	15	13½	4	10000	3198
28	604.1231	3722	3/4	1	12	7	18	15	13½	4	10000	3231
30	604.1231	3852	3/4	1	12	7	18	15	13½	4	10000	3263
32	604.1231	3982	3/4	1	12	7	18	15	13½	4	10000	3296
34	604.1231	4112	3/4	1	12	7	18	15	13½	4	10000	3328
36	604.1435	4501	3/4	1	12	7	18	15	13½	4	10000	3426
38	604.1435	4647	3/4	1	12	7	18	15	13½	4	10000	3463
40	604.1538	5165	3/4	1	12	7	18	15	13½	4	10000	3592
42	604.1538	5323	3/4	1	12	7	18	15	13½	4	10000	3631
44	604.1846	6287	3/4	1	12	7	18	15	13½	4	10000	3872
46	604.1846	6477	3/4	1	12	7	18	15	13½	4	10000	3920
48	604.1846	6667	3/4	1	12	7	18	15	13½	4	10000	3967
50	604.1846	6857	3/4	1	12	7	18	15	13½	4	10000	4015
52	604.2153	7873	3/4	1	12	7	18	15	13½	4	10000	4269
54	604.2153	8091	3/4	1	12	7	18	15	13½	4	10000	4323
56	604.2153	8309	3/4	1	12	7	18	15	13½	4	10000	4378
58	605.2166	10035	3/4	1½	12	7	18	15	13½	4	10000	4809
60	605.2474	11965	3/4	1½	12	8½	18	17	15	8	20000	2646

NOTES:

- Design Load = Live Load, plus 15% live load for impact, plus 2,300 lbs. for hoist and trolley.
- Calculated for this crane with specified design load.
- Maximum permissible wheel load on 603 *SuperTrack* and 604 *SuperTrack* Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 *TrojanTrack* Girder the limitation is 3,750 Lbs. (7,500 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-TrojanTrack* Runways. (*Super-TrojanTrack* requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
- Speeds shown are based on using 1800 RPM motors.
- Horsepowers shown are based on using single speed motors.
- Available non-standard speeds are 50, 110, 165, 190, 255 FPM.
- Standard 2-Speed motors are 1800/600 RPM.
- Weights shown are based on single speed drive with brake and controls, flat-wire festoon tagline bridge electrification, and 12" overhang each end of bridge.
- B = Girder depth plus 2". (Tread to tread.)
- Prices include the smaller HP shown. For larger HP, see modifications.

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.

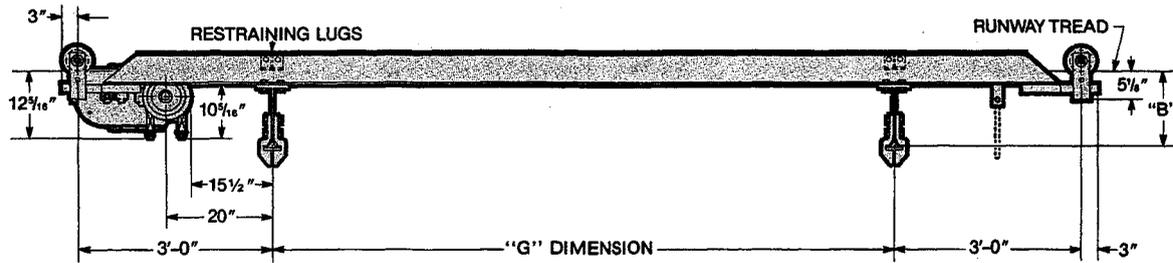


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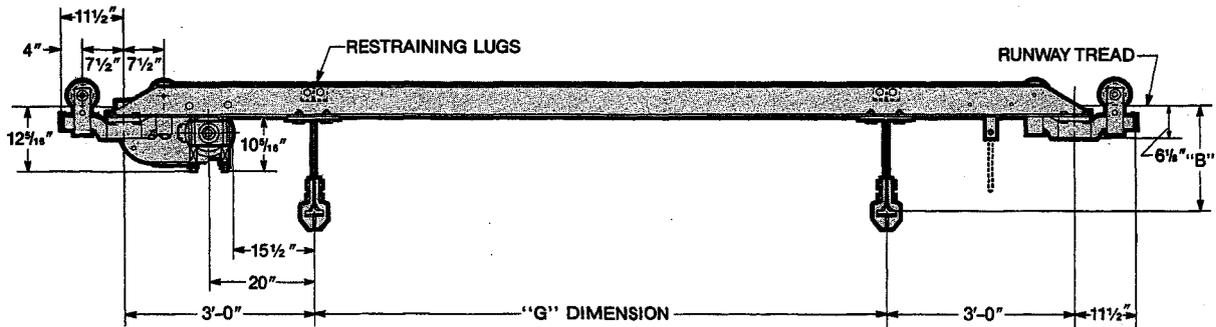


**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

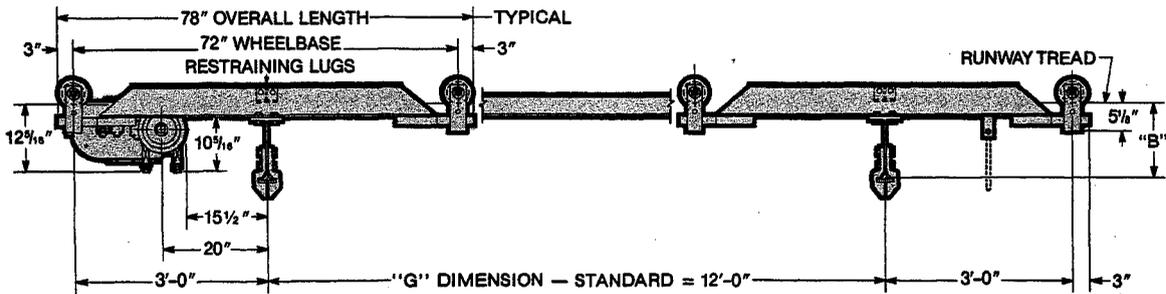
517-3
Issued 9-7-01



Wheelbase = "G" Plus 6'-0"
4-Wheel Crane Trucks



Wheelbase = "G" Plus 6'-0"
8-Wheel Crane Trucks



STD. Wheelbases = 6'-0", 6'-0", 6'-0"
Optional 8-Wheel Crane Trucks



**LOUDEN™ 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-4
Issued 9-7-01

**DOUBLE GIRDER MOTOR PROPELLED CRANES WITH
CENTER DRIVE, TO OPERATE ON TWO RUNWAYS - 3.33"
FLANGE, FOR USE WITH ELECTRIC OR AIR HOISTS ON
DOUBLE GIRDER TROLLEYS.**

Max. Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Motor H.P.		Overhang					Crane Trucks		Wheel Load Per Pair (2)
			Speed (F.P.M.)		In. Std.	In. Min.	In. Max.	505.7824 Latch	505.7830 Latch	No. Whls.	Capacity (Max.)	
			75	135								
Catalog No. 517.4003			4000 Lbs. Capacity					7110 Lbs. Design Load (1)				
18	604.924	2610	3/4	1	12	7	18	15	13½	4	10000	4208
20	604.924	2712	3/4	1	12	7	18	15	13½	4	10000	4233
22	604.1231	3219	3/4	1	12	7	18	15	13½	4	10000	4360
24	604.1231	3349	3/4	1	12	7	18	15	13½	4	10000	4393
26	604.1231	3479	3/4	1	12	7	18	15	13½	4	10000	4425
28	604.1231	3609	3/4	1	12	7	18	15	13½	4	10000	4458
30	604.1231	3739	3/4	1	12	7	18	15	13½	4	10000	4490
32	604.1435	4354	3/4	1	12	7	18	15	13½	4	10000	4644
34	604.1435	4500	3/4	1	12	7	18	15	13½	4	10000	4681
36	604.1538	5005	3/4	1	12	7	18	15	13½	4	10000	4807
38	604.1538	5163	3/4	1	12	7	18	15	13½	4	10000	4846
40	604.1846	6607	3/4	1½	12	8½	18	17	15	8	20000	2604
42	604.1846	6797	3/4	1½	12	8½	18	17	15	8	20000	2628
44	604.1846	6987	3/4	1½	12	8½	18	17	15	8	20000	2651
46	604.1846	7177	3/4	1½	12	8½	18	17	15	8	20000	2675
48	604.2153	8039	3/4	1½	12	8½	18	17	15	8	20000	2783
50	604.2153	8257	3/4	1½	12	8½	18	17	15	8	20000	2810
52	604.2153	8475	3/4	1½	12	8½	18	17	15	8	20000	2837
54	605.2166	10218	3/4	1½	12	8½	18	17	15	8	20000	3055
56	605.2166	10488	3/4	1½	12	8½	18	17	15	8	20000	3089
58	605.2474	11863	1	1½	12	8½	18	17	15	8	20000	3261
60	605.2474	12165	1	1½	12	8½	18	17	15	8	20000	3299

NOTES:

- Design Load = Live Load, plus 15% live load for impact, plus 2,510 lbs. for hoist and trolley.
- Calculated for this crane with specified design load.
- Maximum permissible wheel load on 603 *SuperTrack* and 604 *SuperTrack* Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 *TrojanTrack* Girder the limitation is 3,750 Lbs. (7,500 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-TrojanTrack* Runways. (*Super-TrojanTrack* requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
- Speeds shown are based on using 1800 RPM motors.
- Horsepowers shown are based on using single speed motors.
- Available non-standard speeds are 50, 110, 165, 190, 255 FPM.
- Standard 2-Speed motors are 1800/600 RPM.
- Weights shown are based on single speed drive with brake and controls, flat-wire festoon tagline bridge electrification, and 12" overhang each end of bridge.
- B = Girder depth plus 2". (Tread to tread.)
- Prices include the smaller HP shown. For larger HP, see modifications.

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.

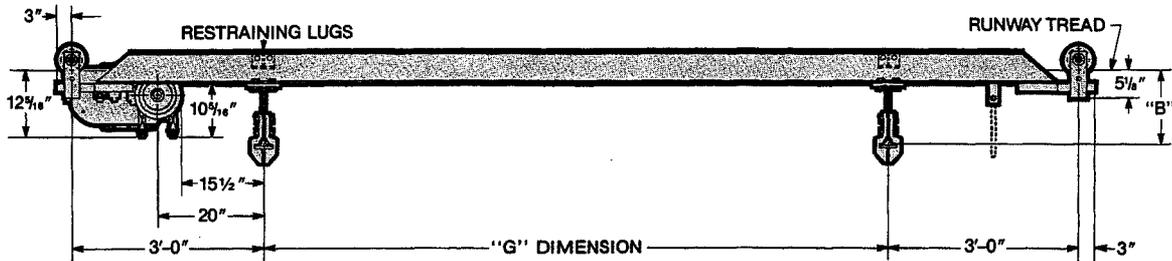


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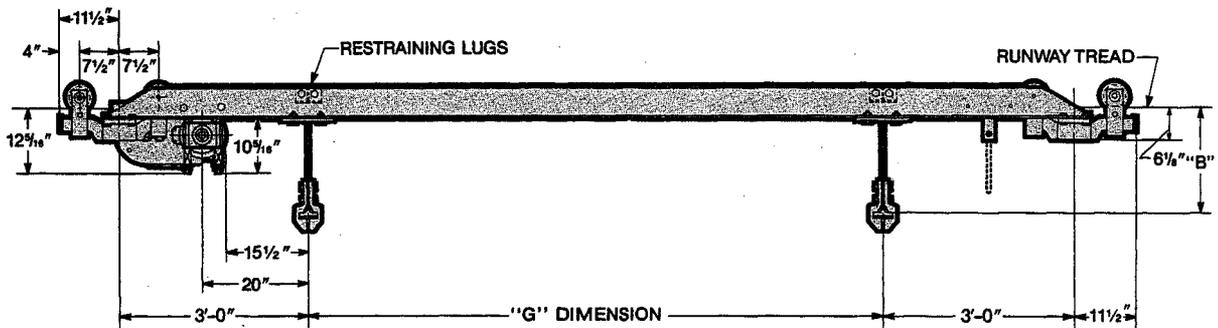


**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-5
Issued 9-7-01

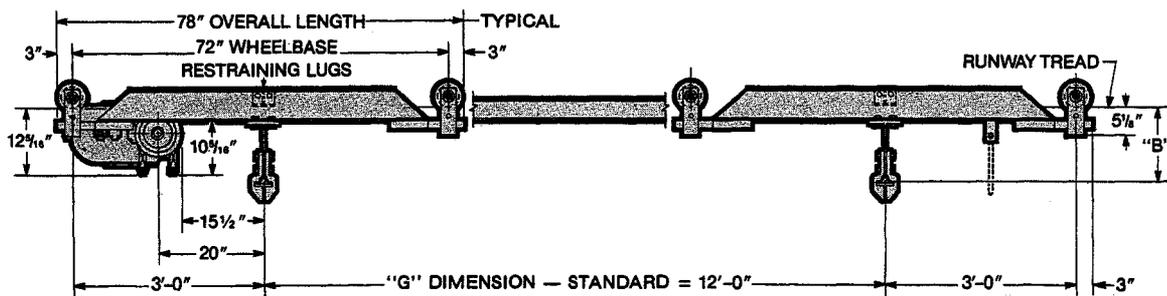


**Wheelbase = "G" Plus 6'-0"
4-Wheel Crane Trucks**



**Wheelbase = "G" Plus 6'-0"
8-Wheel Crane Trucks**

or



**STD. Wheelbases = 6'-0", 6'-0", 6'-0"
Optional 8-Wheel Crane Trucks**



**Louden® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-6
Issued 9-7-01

**DOUBLE GIRDER MOTOR PROPELLED CRANES WITH
CENTER DRIVE, TO OPERATE ON TWO RUNWAYS - 3.33"
FLANGE, FOR USE WITH ELECTRIC OR AIR HOISTS ON
DOUBLE GIRDER TROLLEYS.**

Max. Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Motor H.P.		Overhang					Crane Trucks		Wheel Load Per Pair (2)
			Speed (F.P.M.)		In. Std.	In. Min.	In. Max.	505.7824 Latch	505.7830 Latch	No. Whls.	Capacity (Max.)	
			75	135								
Catalog No. 517.6003			6000 Lbs. Capacity					9480 Lbs. Design Load (1)				
18	604.924	3175	3/4	1	12	8½	18	17	15	8	20000	2768
20	604.1231	3678	3/4	1	12	8½	18	17	15	8	20000	2831
22	604.1231	3808	3/4	1	12	8½	18	17	15	8	20000	2847
24	604.1231	3938	3/4	1	12	8½	18	17	15	8	20000	2861
26	604.1231	4068	3/4	1	12	8½	18	17	15	8	20000	2879
28	604.1435	4552	3/4	1½	12	8½	18	17	15	8	20000	2939
30	604.1435	4698	3/4	1½	12	8½	18	17	15	8	20000	2958
32	604.1435	4844	3/4	1½	12	8½	18	17	15	8	20000	2976
34	604.1538	5308	3/4	1½	12	8½	18	17	15	8	20000	3034
36	604.1538	5466	3/4	1½	12	8½	18	17	15	8	20000	3054
38	604.1846	6232	3/4	1½	12	8½	18	17	15	8	20000	3149
40	604.1846	6422	3/4	1½	12	8½	18	17	15	8	20000	3173
42	604.1846	6612	3/4	1½	12	8½	18	17	15	8	20000	3197
44	604.1846	6802	3/4	1½	12	8½	18	17	15	8	20000	3221
46	604.2153	7979	3/4	1½	12	8½	18	17	15	8	20000	3368
48	604.2153	8197	3/4	1½	12	8½	18	17	15	8	20000	3395
50	604.2153	8415	3/4	1½	12	8½	18	17	15	8	20000	3422
52	605.2166	9815	1	1½	12	8½	18	17	15	8	20000	3597
54	605.2166	10085	1	1½	12	8½	18	17	15	8	20000	3631
56	605.2474	11511	1	1½	12	8½	18	17	15	8	20000	3809
58	605.2474	11813	1	1½	12	8½	18	17	15	8	20000	3847
60	605.2474	12115	1	1½	12	8½	18	17	15	8	20000	3885

NOTES:

- Design Load = Live Load, plus 15% live load for impact, plus 2,580 lbs. for hoist and trolley.
- Calculated for this crane with specified design load.
- Maximum permissible wheel load on 603 *SuperTrack* and 604 *SuperTrack* Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 *TrojanTrack* Girder the limitation is 3,750 Lbs. (7,500 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-TrojanTrack* Runways. (*Super-TrojanTrack* requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
- Speeds shown are based on using 1800 RPM motors.
- Horsepowers shown are based on using single speed motors.
- Available non-standard speeds are 50, 110, 165, 190, 255 FPM.
- Standard 2-Speed motors are 1800/600 RPM.
- Weights shown are based on single speed drive with brake and controls, flat-wire festoon tagline bridge electrification, and 12" overhang each end of bridge.
- B = Girder depth plus 2". (Tread to tread.)
- Prices include the smaller HP shown. For larger HP, see modifications.

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.



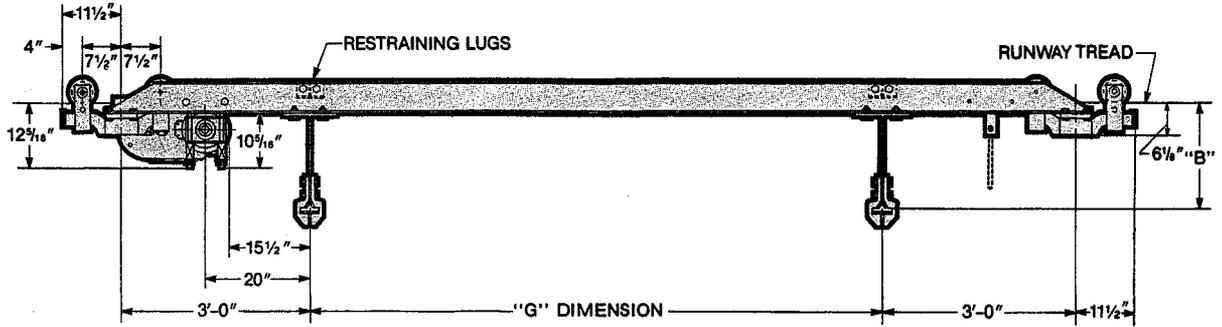
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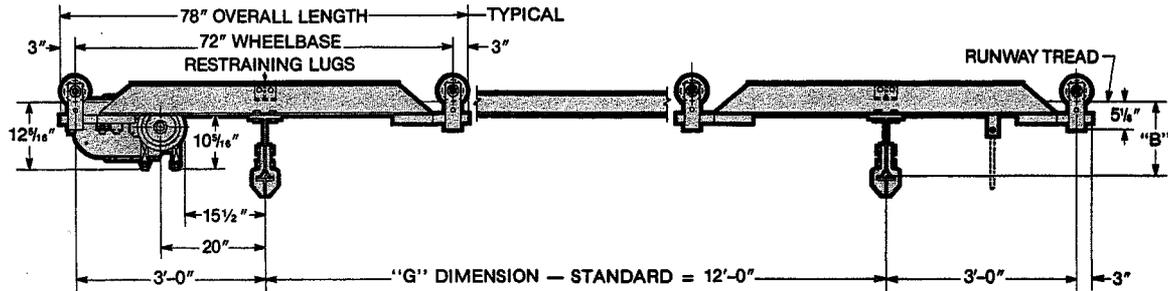
**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-7
Issued 9-7-01



**Wheelbase = "G" Plus 6'-0"
8-Wheel Crane Trucks**

or



**STD. Wheelbases = 6'-0", 6'-0", 6'-0"
Optional 8-Wheel Crane Trucks**



**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-8
Issued 9-7-01

**DOUBLE GIRDER MOTOR PROPELLED CRANES WITH
CENTER DRIVE, TO OPERATE ON TWO RUNWAYS - 3.33"
FLANGE, FOR USE WITH ELECTRIC OR AIR HOISTS ON
DOUBLE GIRDER TROLLEYS.**

Max. Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Motor H.P.		Overhang					Crane Trucks		Wheel Load Per Pair (2)
			Speed (F.P.M.)		In. Std.	In. Min.	In. Max.	505.7824 Latch	505.7830 Latch	No. Whls.	Capacity (Max.)	
			75	135								
Catalog No. 517.10003			10000 Lbs. Capacity					15840 Lbs. Design Load (1)				
18	604.1231	3848	1	1½	12	8½	18	17	15	8	20000	4442
20	604.1231	3978	1	1½	12	8½	18	17	15	8	20000	4458
22	604.1231	4108	1	1½	12	8½	18	17	15	8	20000	4474
24	604.1435	4693	1	1½	12	8½	18	17	15	8	20000	4547
26	604.1435	4839	1	1½	12	8½	18	17	15	8	20000	4566
28	604.1538	5188	1	1½	12	8½	18	17	15	8	20000	4609
30	604.1538	5346	1	1½	12	8½	18	17	15	8	20000	4629
32	604.1846	6016	1	1½	12	8½	18	17	15	8	20000	4712
34	604.1846	6206	1	1½	12	8½	18	17	15	8	20000	4736
36	604.1846	6396	1	1½	12	8½	18	17	15	8	20000	4760
38	604.2153	7372	1	1½	12	8½	18	17	15	8	20000	4882
40	604.2153	7590	1	1½	12	8½	18	17	15	8	20000	4909
42	604.2153	7808	1	1½	12	8½	18	17	15	8	20000	4936
44	604.2153	8026	1	1½	12	8½	18	17	15	8	20000	4964
46	605.2166	10005	1	2	12	8½	18	17	15	16	40000	2606
48	605.2166	10275	1	2	12	8½	18	17	15	16	40000	2623
50	605.2474	12315	1	2	12	8½	18	17	15	16	40000	2750
52	605.2474	12617	1½	2	12	8½	18	17	15	16	40000	2769
54	605.2474	12919	1½	2	12	8½	18	17	15	16	40000	2788
56	605.2785	14473	1½	2	12	8½	18	17	15	16	40000	2885
58	605.2785	14819	1½	2	12	8½	18	17	15	16	40000	2907
60	605.3089	15645	1½	2	12	8½	18	17	15	16	40000	2958

NOTES:

1. Design Load = Live Load, plus 15% live load for impact, plus 4,340 lbs. for hoist and trolley.
2. Calculated for this crane with specified design load.
3. Maximum permissible wheel load on 603 *SuperTrack* and 604 *SuperTrack* Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 *TrojanTrack* Girder the limitation is 3,750 Lbs. (7,500 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-TrojanTrack* Runways. (*Super-TrojanTrack* requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
4. Speeds shown are based on using 1800 RPM motors.
5. Horsepowers shown are based on using single speed motors.
6. Available non-standard speeds are 50, 110, 165, 190, 255 FPM.
7. Standard 2-Speed motors are 1800/600 RPM.
8. Weights shown are based on single speed drive with brake and controls, flat-wire festoon tagline bridge electrification, and 12" overhang each end of bridge.
9. B = Girder depth plus 2". (Tread to tread.)
10. Prices include the smaller HP shown. For larger HP, see modifications.

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.



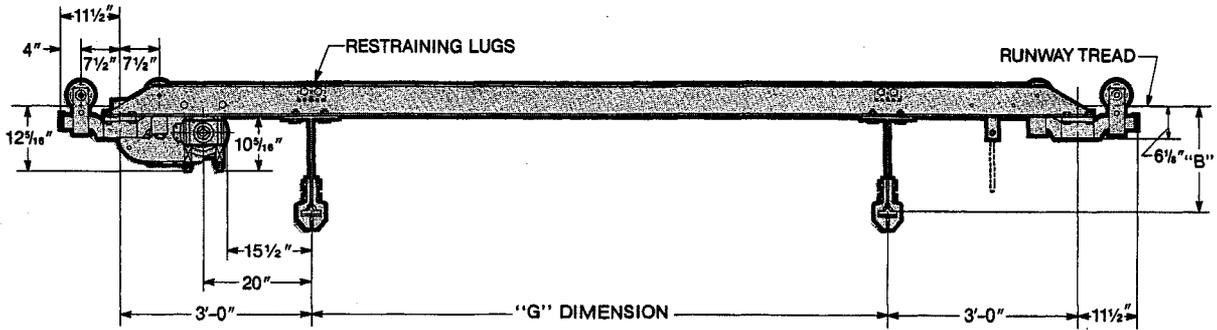
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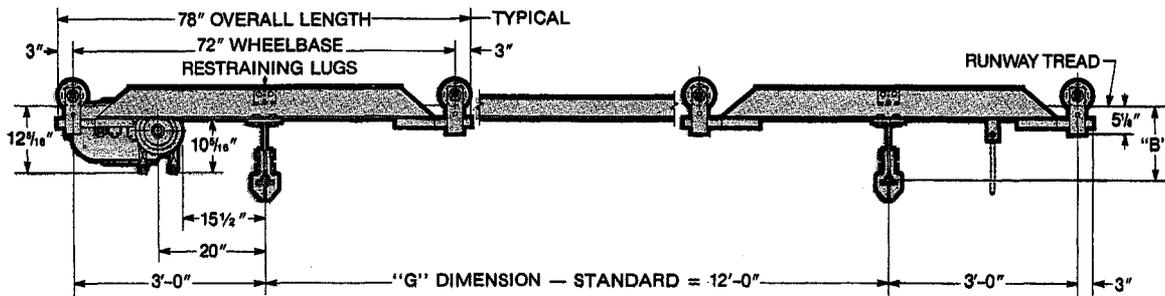
**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-9
Issued 9-7-01

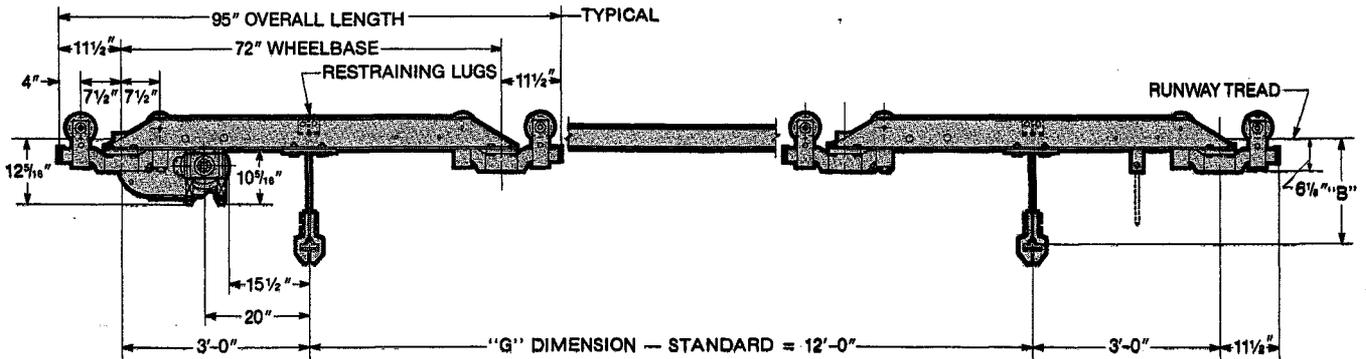


Wheelbase = "G" Plus 6'-0"
8-Wheel Crane Trucks

OR



STD. Wheelbases = 6'-0", 6'-0", 6'-0"
Optional 8-Wheel Crane Trucks



STD. Wheelbases = 6'-0", 6'-0", 6'-0"
16-Wheel Crane Trucks



**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-10
Issued 9-7-01

**DOUBLE GIRDER MOTOR PROPELLED CRANES WITH
CENTER DRIVE, TO OPERATE ON TWO RUNWAYS - 3.33"
FLANGE, FOR USE WITH ELECTRIC OR AIR HOISTS ON
DOUBLE GIRDER TROLLEYS.**

Max. Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Motor H.P.		Overhang					Crane Trucks		Wheel Load Per Pair (2)
			Speed (F.P.M.)		In. Std.	In. Min.	In. Max.	505.7824 Latch	505.7830 Latch	No. Whls.	Capacity (Max.)	
			75	135								
Catalog No. 517.15003			15000 Lbs. Capacity					23650 Lbs. Design Load (1)				
18	604.1435	4712	1	2	12	8½	18	17	15	16	40000	3251
20	604.1435	4858	1	2	12	8½	18	17	15	16	40000	3261
22	604.1538	5118	1	2	12	8½	18	17	15	16	40000	3277
24	604.1846	5932	1½	2	12	8½	18	17	15	16	40000	3327
26	604.1846	6122	1½	2	12	8½	18	17	15	16	40000	3339
28	604.1846	6312	1½	2	12	8½	18	17	15	16	40000	3351
30	604.1846	6502	1½	2	12	8½	18	17	15	16	40000	3363
32	604.2153	7460	1½	2	12	8½	18	17	15	16	40000	3423
34	604.2153	7678	1½	2	12	8½	18	17	15	16	40000	3437
36	604.2153	7896	1½	2	12	8½	18	17	15	16	40000	3450
38	604.2153	8114	1½	2	12	8½	18	17	15	16	40000	3464
40	605.2166	9595	1½	2	12	8½	18	17	15	16	40000	3556
42	605.2166	9865	1½	2	12	8½	18	17	15	16	40000	3573
44	605.2474	11084	1½	2	12	8½	18	17	15	16	40000	3649
46	605.2474	11386	1½	2	12	8½	18	17	15	16	40000	3668
48	605.2474	11688	1½	2	12	8½	18	17	15	16	40000	3687
50	605.2474	11990	1½	2	12	8½	18	17	15	16	40000	3706
52	605.2785	14907	1½	3	12	8½	18	17	15	16	40000	3888
54	605.2785	15253	1½	3	12	8½	18	17	15	16	40000	3910
56	605.3089	16047	1½	3	12	8½	18	17	15	16	40000	3960
58	605.3089	16409	1½	3	12	8½	18	17	15	16	40000	3982
60	605.3292	17131	1½	3	12	8½	18	17	15	16	40000	4027

NOTES:

- Design Load = Live Load, plus 15% live load for impact, plus 6,400 lbs. for hoist and trolley.
- Calculated for this crane with specified design load.
- Maximum permissible wheel load on 603 *SuperTrack* and 604 *SuperTrack* Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 *TrojanTrack* Girder the limitation is 3,750 Lbs. (7,500 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-TrojanTrack* Runways. (*Super-TrojanTrack* requires .75 in. min. thickness of top flange, .4375 in. min. thickness of web, and splices must be welded rather than bolted.)
- Speeds shown are based on using 1800 RPM motors.
- Horsepowers shown are based on using single speed motors.
- Available non-standard speeds are 50, 110, 165, 190, 255 FPM.
- Standard 2-Speed motors are 1800/600 RPM.
- Weights shown are based on single speed drive with brake and controls, flat-wire festoon tagline bridge electrification, and 12" overhang each end of bridge.
- B = Girder depth plus 2". (Tread to tread.)
- Prices include the smaller HP shown. For larger HP, see modifications.

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.

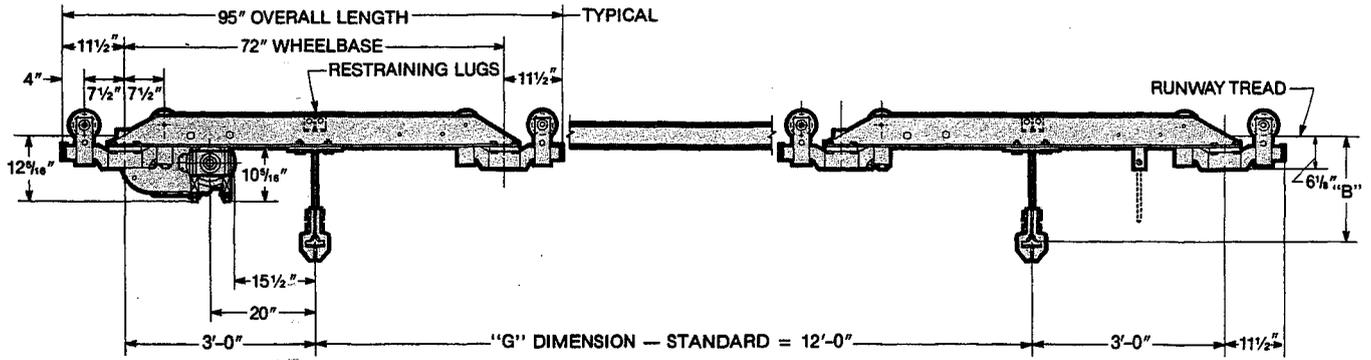


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**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-11
Issued 9-7-01



**STD. Wheelbases = 6'-0", 6'-0", 6'-0"
16-Wheel Crane Trucks**



**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-12
Issued 9-7-01

**DOUBLE GIRDER MOTOR PROPELLED CRANES WITH
CENTER DRIVE, TO OPERATE ON TWO RUNWAYS - 3.33"
FLANGE, FOR USE WITH ELECTRIC OR AIR HOISTS ON
DOUBLE GIRDER TROLLEYS.**

Max. Span Ft.	Bridge Girder Required	Crane Weight (Lbs.)	Motor H.P.		Overhang					Crane Trucks		Wheel Load Per Pair (2)
			Speed (F.P.M.)		In. Std.	In. Min.	In. Max.	505.7824 Latch	505.7830 Latch	No. Whls.	Capacity (Max.)	
			75	135								
Catalog No. 517.20003			20000 Lbs. Capacity					29700 Lbs. Design Load (1)				
18	604.1538	4830	1½	2	12	8½	18	17	15	16	40000	4015
20	604.1846	5415	1½	2	12	8½	18	17	15	16	40000	4051
22	604.1846	5605	1½	2	12	8½	18	17	15	16	40000	4063
24	604.1846	5795	1½	2	12	8½	18	17	15	16	40000	4075
26	604.2153	6604	1½	2	12	8½	18	17	15	16	40000	4126
28	604.2153	6822	1½	2	12	8½	18	17	15	16	40000	4139
30	604.2153	7040	1½	2	12	8½	18	17	15	16	40000	4153
32	605.2166	8315	1½	2	12	8½	18	17	15	16	40000	4233
34	605.2166	8585	1½	2	12	8½	18	17	15	16	40000	4250
36	605.2166	8855	1½	3	12	8½	18	17	15	16	40000	4266
38	605.2166	9125	1½	3	12	8½	18	17	15	16	40000	4283
40	605.2166	9395	1½	3	12	8½	18	17	15	16	40000	4300
42	605.2474	10657	1½	3	12	8½	18	17	15	16	40000	4379
44	605.2474	10959	1½	3	12	8½	18	17	15	16	40000	4398
46	605.2474	11261	1½	3	12	8½	18	17	15	16	40000	4417
48	605.2785	12843	1½	3	12	8½	18	17	15	16	40000	4516
50	605.2785	13189	1½	3	12	8½	18	17	15	16	40000	4537
52	605.2785	13535	1½	3	12	8½	18	17	15	16	40000	4559
54	605.3089	14313	1½	3	12	8½	18	17	15	16	40000	4608
56	605.3089	14675	1½	3	12	8½	18	17	15	16	40000	4630
58	605.3292	15385	1½	3	12	8½	18	17	15	16	40000	4675

NOTES:

- Design Load = Live Load, plus 15% live load for impact, plus 6,700 lbs. for hoist and trolley.
- Calculated for this crane with specified design load.
- Maximum permissible wheel load on 603 *Super-Track* and 604 *SuperTrack* Girder is 2,500 Lbs. (5,000 Lbs. per two-wheel trolley). For 605 *Trojan-Track* Girder the limitation is 3,750 Lbs. (7,500 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-TrojanTrack* 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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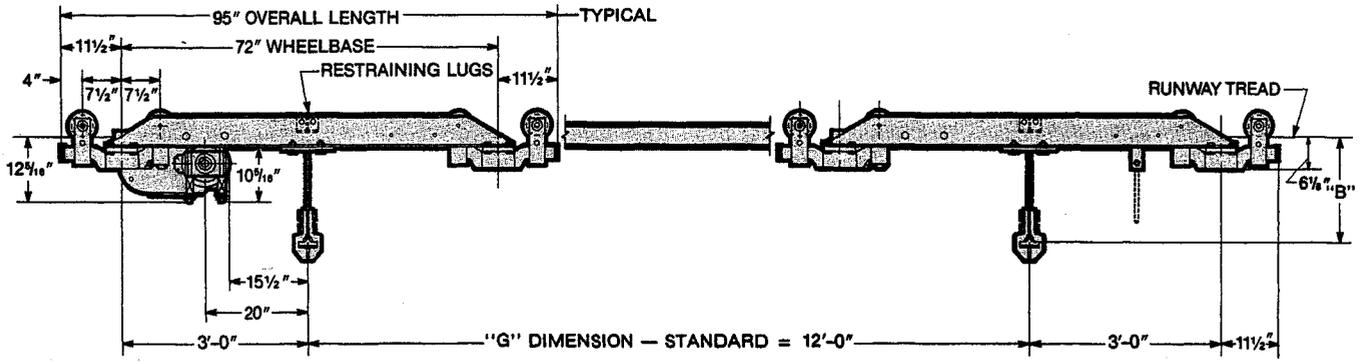
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**LOUDEN® 517 DOUBLE GIRDER
MOTOR PROPELLED CRANES
WITH CENTER DRIVE**

517-13
Issued 9-7-01



STD. Wheelbases = 6'-0", 6'-0", 6'-0"
16-Wheel Crane Trucks



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