

LOUDEN®
TROLLEYS
FOR USE WITH 3.33" FLANGE
SUPERTRACK™ SYSTEMS

FEATURES AND BENEFITS

FEATURES

Trolley yokes are one (1) piece cold formed steel.

Precision ball or tapered roller bearings mating wheel with high strength axle.

Utilizes flat tread wheels turned from forged steel blanks with induction hardened tread and flanges. Has a minimum hardness of 425 Brinnell.

Bolt through the side of the yoke.

All trolleys are fully articulating.

Standard engineered loadbar, with properly spaced trolleys.

Bronze wheels available on some units.

Trolleys equipped with external grease fittings.

Flangeless wheels with guide rollers available.

Standard engineered load fittings available.

BENEFITS

Structural and dimensional integrity, resulting in a consistently high quality component.

Easy horizontal movement of trolley along track, adds longevity to components.

Long wearing tread and flange for exceptionally long service life, with minimum rolling friction.

Contains loadbar in trolley, and is easily removed thereby simplifying erection of the system.

Equalizes load to both sides of rail, minimizing unit stresses, resulting in longer life of track. Definite plus over "Kingpin" type. Additionally, trolleys guide smoothly around curves and through switches and latches in monorail systems.

Equalizes wheel load along track for reduced unit stresses (as above), plus protecting trolleys from damage with rugged bumpers.

For applications where atmospheres dictate the use of spark-resistant components.

Enables refreshing lubricant to be added as required on systems with severe duty cycle.

Reduces track wear on systems with severe duty cycle or a large number of curves and switches.

Swiveling clevis, hooks, or eyes may be specified for attaching a wide variety of loads to the trolley.

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TROLLEYS

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375 lb. Capacity Two-Wheel Trolley with 28-0875 Wheel Assembly

Two-wheel trolleys are for use with special loadbars, racks and carriers. When used as independent load bearing units, two-wheel trolleys do not provide the ease and smoothness of travel accomplished by their use in pairs, one at each end of the carrier.

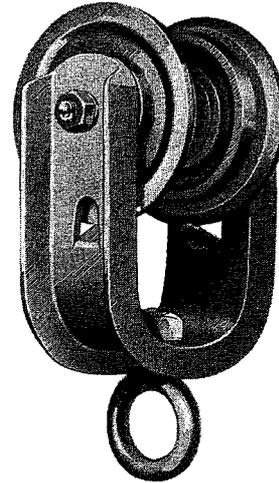
Yokes for this trolley assembly are formed from channel steel. Forged eye fittings are available.

For wheel assembly, refer to page 400-4.

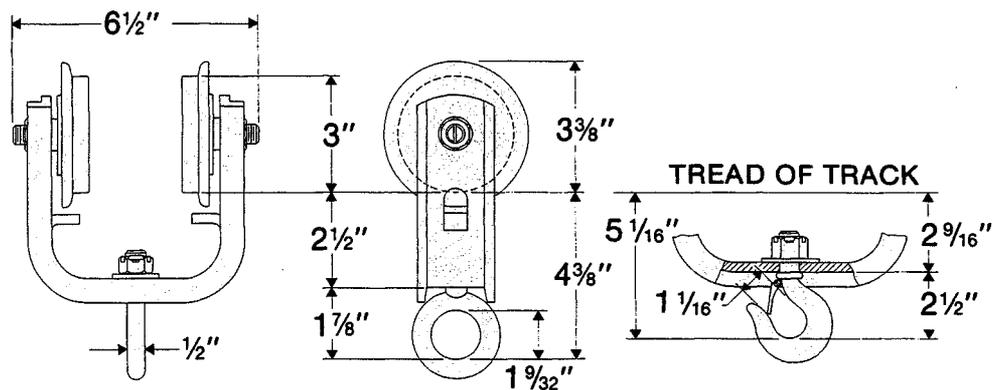
Spark-resistant bronze wheels not available.

For use in tongue switches No. 703.6330, No. 703.6333 and No. 703.6332 **only**.

Not for use with *TrojanTrack* girder.



No. 403.372E (28-0050)
with No. 403.E6 Eye ____ Wt. 5½ lbs.
No. 403.372H (30-0199)
with 403.H3 Hook—Wt. 5½ lbs.
No. 403.372LF (28-0051)
(less Fitting) ____ Wt. 5 lbs.



No. 403.372E
(280050)

No. 403.372H
(30-0199)

Approximate dimensions are shown. Certified prints furnished on request.



LOUDEN® TROLLEYS
FOR USE WITH 3.33" FLANGE SUPERTRACK™ SYSTEMS

403-2
 Issued 9-7-01

750 lb. Capacity Four-Wheel Trolley with 28-0875 Wheel Assembly

Yokes for this assembly are formed from channel steel. Loadbars are cast malleable iron. Fittings available are forged eye or hook.

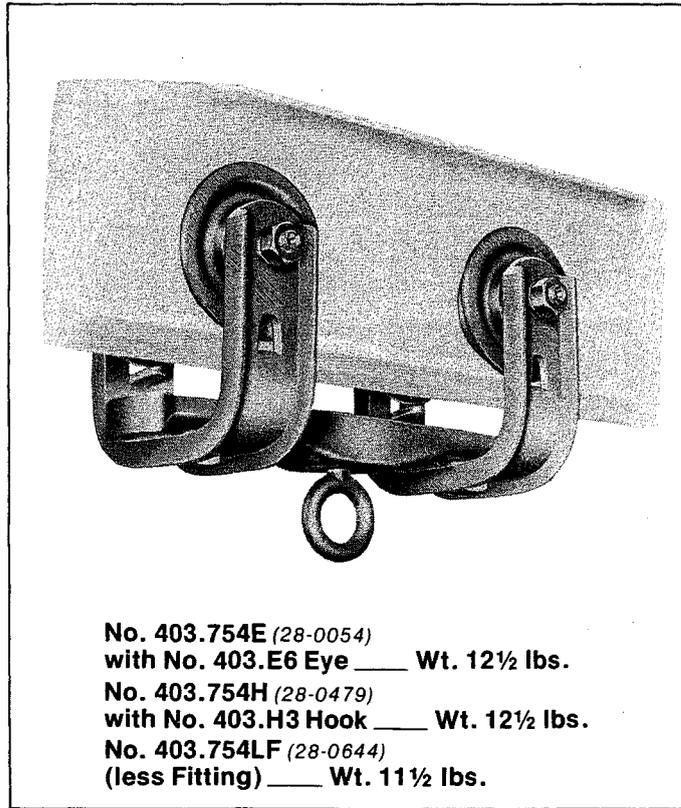
For wheel assembly, refer to page 400-4.

Spark-resistant bronze wheels not available.

For use in tongue switches No. 703.6330, No. 703.6333 and No. 703.6332 **only**.

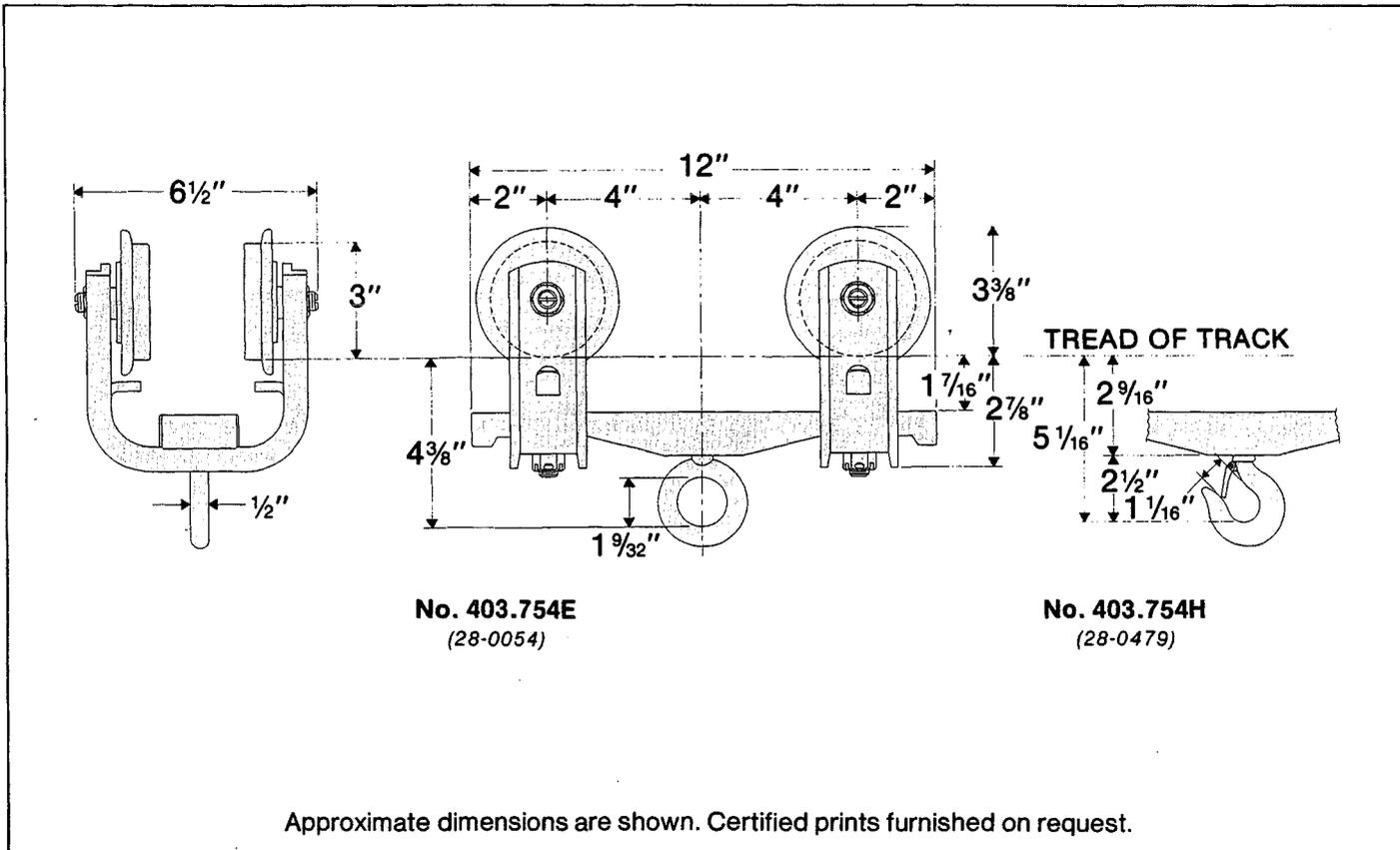
Will not work on close approach end stops.

Not for use with *TrojanTrack* girder.



No. 403.754E (28-0054)
 with No. 403.E6 Eye _____ Wt. 12½ lbs.
 No. 403.754H (28-0479)
 with No. 403.H3 Hook _____ Wt. 12½ lbs.
 No. 403.754LF (28-0644)
 (less Fitting) _____ Wt. 11½ 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® TROLLEYS
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403-3
Issued 9-7-01

**1500 lb. Capacity Two-Wheel Trolley with
28-0878 Wheel Assembly**

Two-wheel trolleys are for use with special loadbars, racks, and carriers. When used as independent load bearing units, two-wheel trolleys do not provide the ease and smoothness of travel accomplished by their use in pairs, one at each end of the carrier.

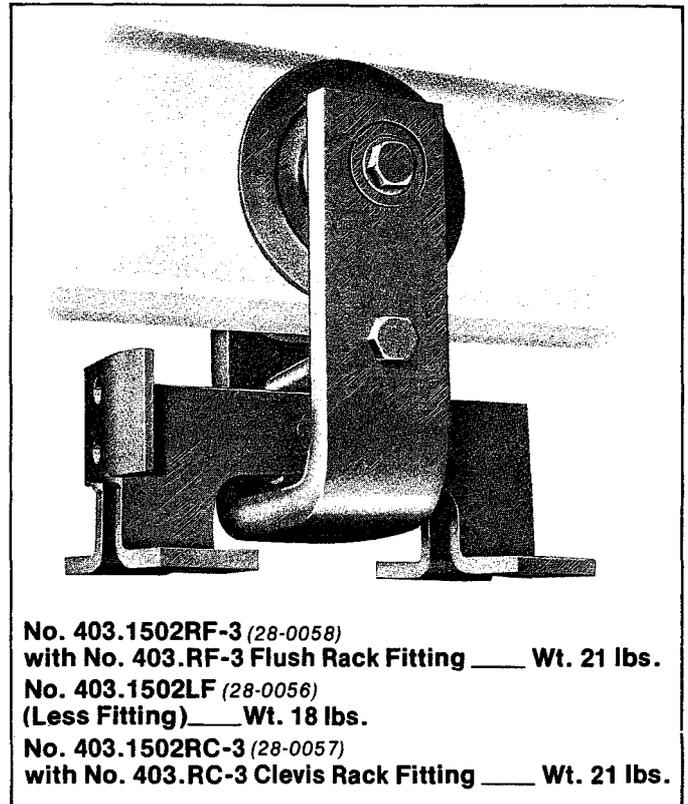
Yokes and fittings for this assembly are made of formed steel. Flush-rack and clevis-rack fittings are available.

For wheel assembly, refer to page 400-5.

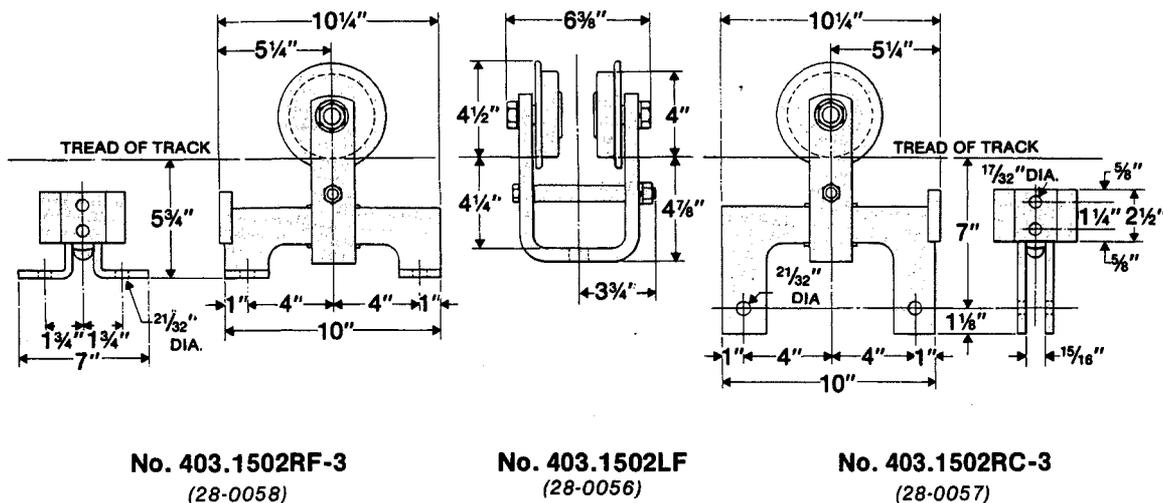
Options: (a) spark-resistant bronze wheels
(b) flangeless wheels; refer to trolley on page 403-12.

When used with 703.72XX track switches, additional lugs are required on the trolley yoke to contact switch baffles. Consult Factory.

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No. 403.1502RF-3 (28-0058)
with No. 403.RF-3 Flush Rack Fitting ____ Wt. 21 lbs.
No. 403.1502LF (28-0056)
(Less Fitting) ____ Wt. 18 lbs.
No. 403.1502RC-3 (28-0057)
with No. 403.RC-3 Clevis Rack Fitting ____ Wt. 21 lbs.



Approximate dimensions are shown. Certified prints furnished on request.



**LOUDEN® TROLLEYS
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403-4
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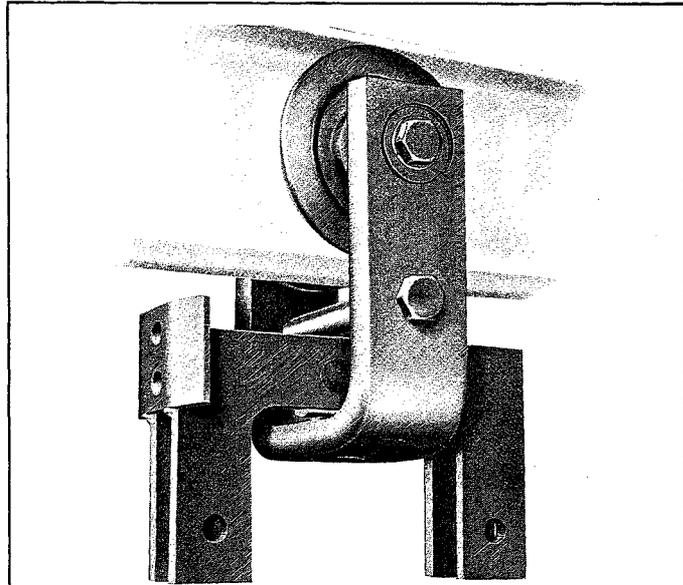
**2500 lb. Capacity Two-Wheel Trolley
with 28-0882 Wheel Assembly**

Two-wheel trolleys are for use with special loadbars, racks and carriers. When used as independent load bearing units, two-wheel trolleys do not provide the ease and smoothness of travel accomplished by their use in pairs, one at each end of the carrier.

Yokes and fittings for this assembly are made of formed steel. Flush-rack and clevis-rack fittings are available.

For wheel assembly, refer to page 400-7.

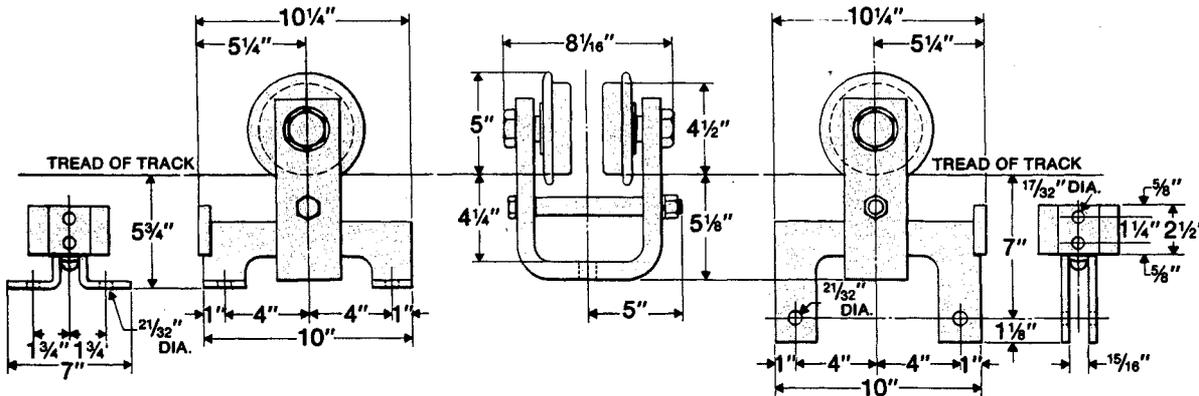
- Options: (a) spark-resistant bronze wheels
(b) flangeless wheels; refer to trolley on page 403-13.



**No. 403.2502RC-3 (28-0061)
with No. 403.RC-3 Clevis Rack Fitting ____ Wt. 37 lbs.**

**No. 403.2502LF (28-0059)
(Less Fitting) ____ Wt. 35 lbs.**

**No. 403.2502RF-3 (28-0060)
with No. 403.RF-3 Flush Rack Fitting ____ Wt. 37 lbs.**



**No. 403.2502RF-3
(28-0060)**

**No. 403.2502LF
(28-0059)**

**No. 403.2502RC-3
(28-0061)**

Approximate dimensions are shown. Certified prints furnished on request.



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**LOUDEN® TROLLEYS
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403-5
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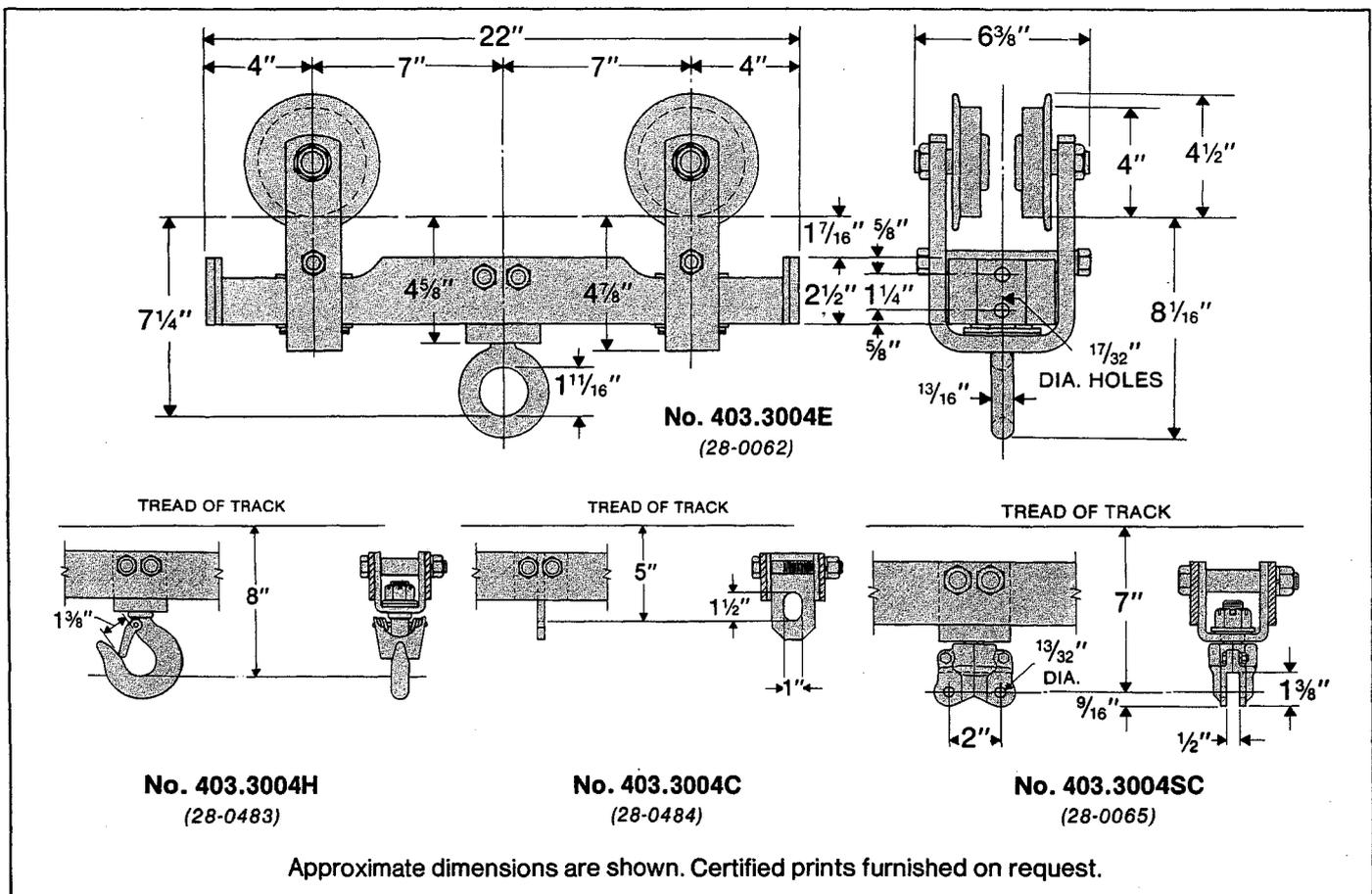
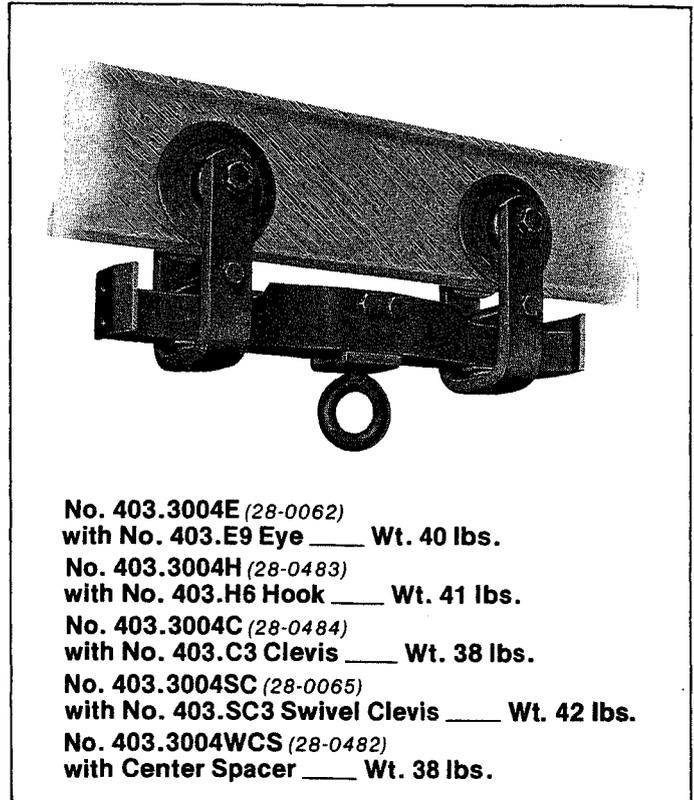
**3000 lb. Capacity Four-Wheel Trolley
with 28-0878 Wheel Assembly**

Yokes and loadbars for this assembly are made of formed steel. Fittings available are forged eye, hook, fabricated steel clevis, or two-piece malleable iron swivel clevis.

For wheel assembly, refer to page 400-5.

Options: (a) spark-resistant bronze wheels
(b) flangeless wheels; refer to trolley on page 403-12.

When used with 703.72XX track switches, additional lugs are required on the trolley yoke to contact switch baffles. Consult Factory.





LOUDEN® TROLLEYS
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403-6
 Issued 9-7-01

3000 lb. Capacity Four-Wheel Trolley with 28-0878 Wheel Assembly

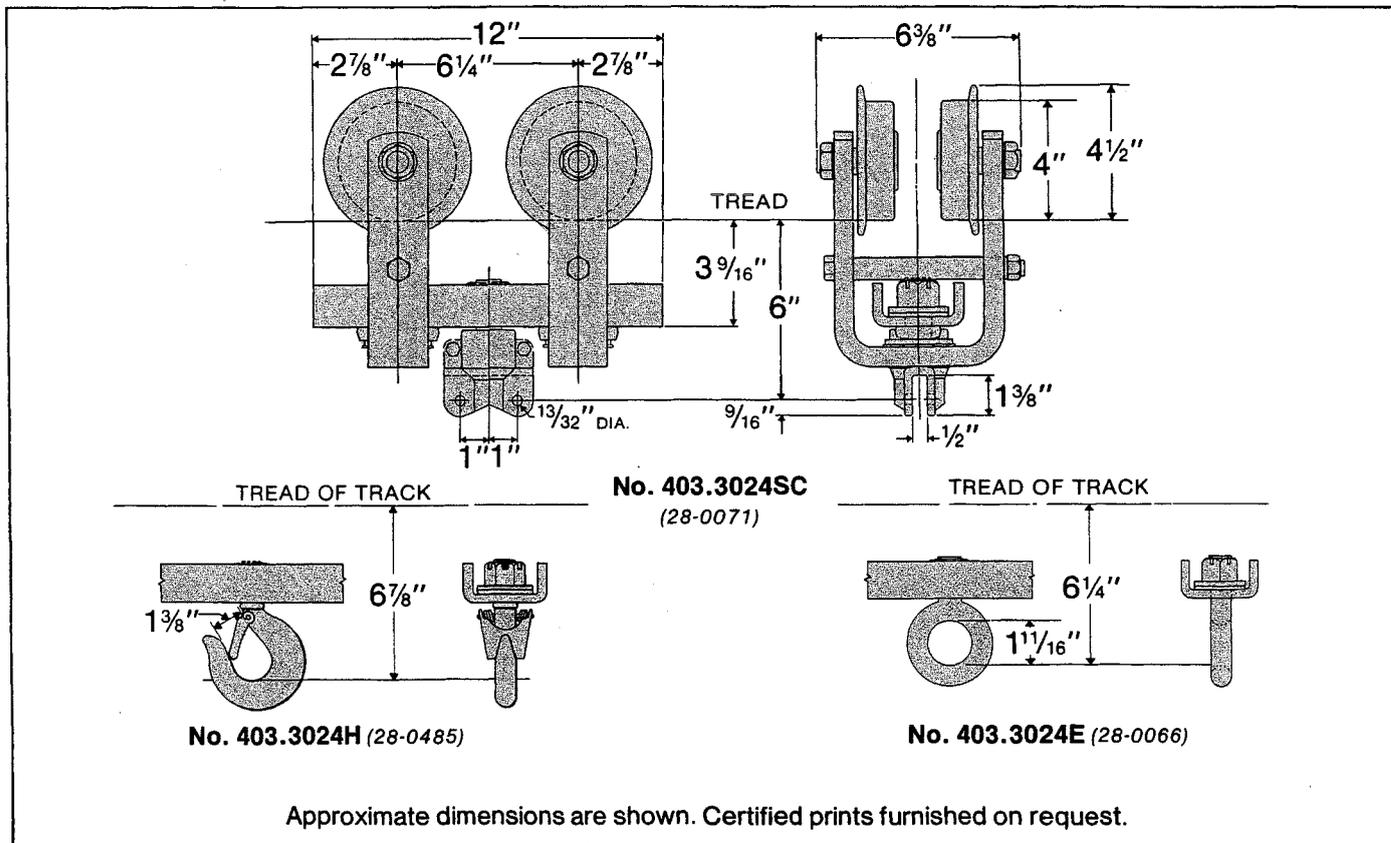
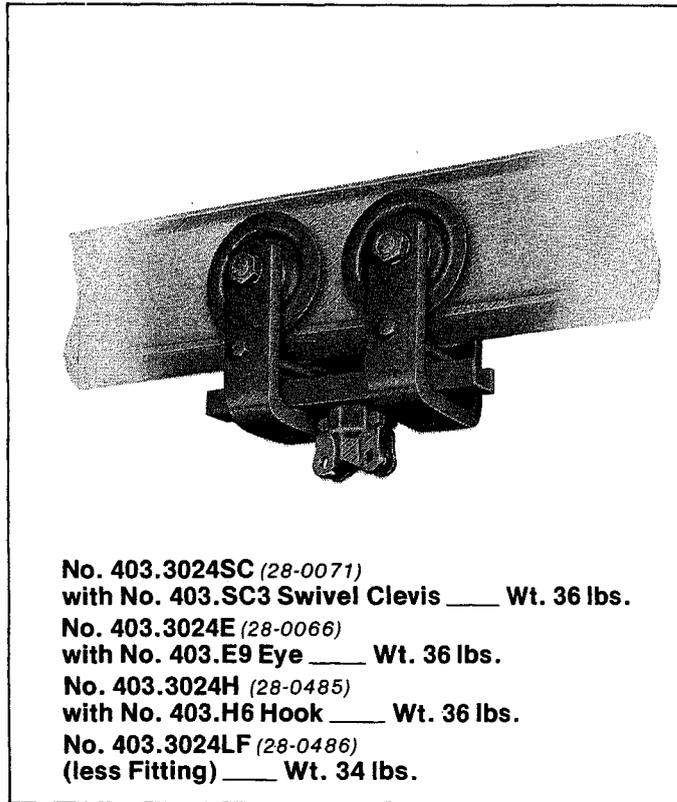
Yokes and loadbars for this trolley are made from formed steel. Fittings available are forged eye, hook, or two-piece malleable iron swivel clevis.

Yokes with guide rollers cannot be used on this trolley.

For wheel assembly, refer to page 400-5.

Options: (a) spark-resistant bronze wheels.

When used with 703.72XX track switches, additional lugs are required on the trolley yoke to contact switch baffles. Consult Factory.



Approximate dimensions are shown. Certified prints furnished on request.



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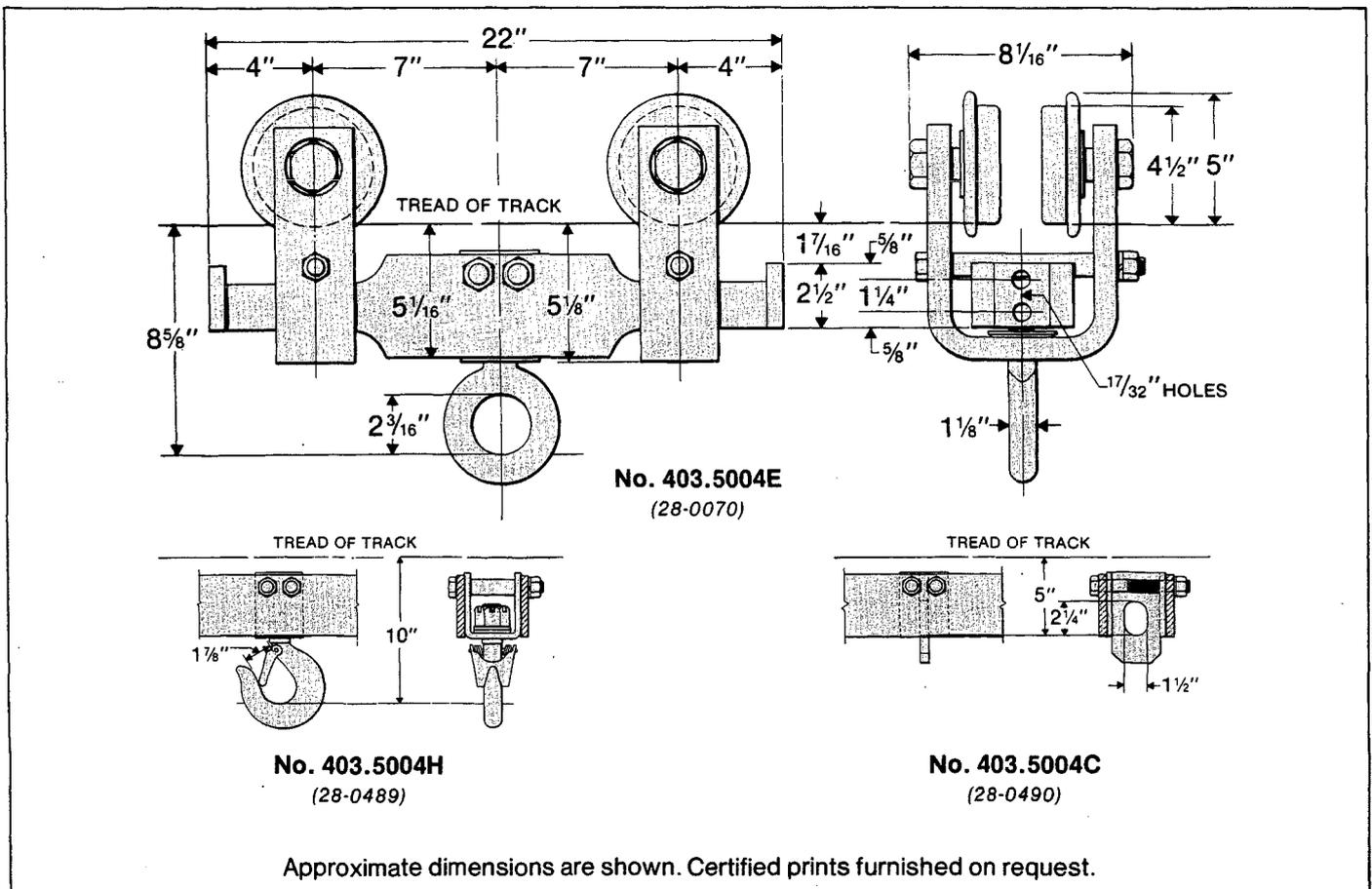
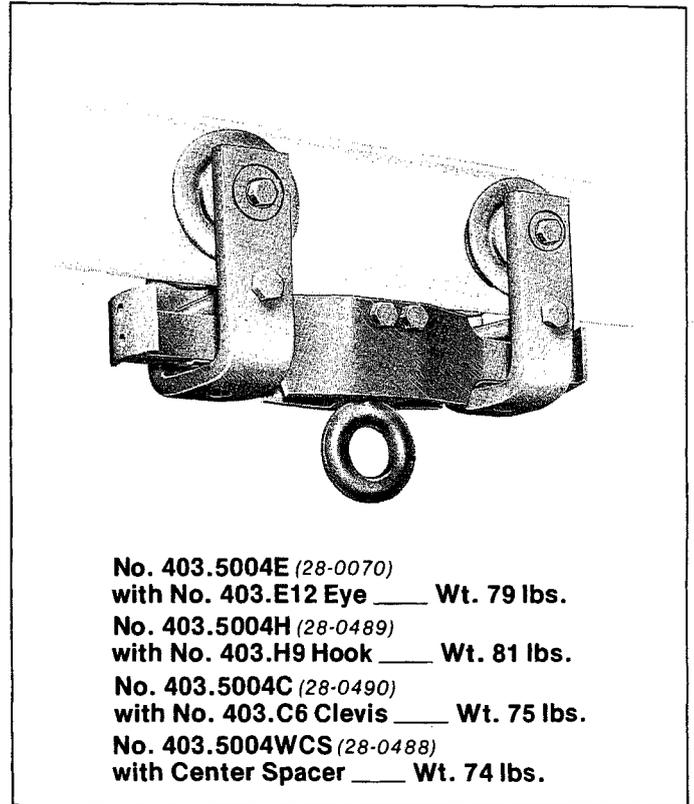
403-7
Issued 9-7-01

**5000 lb. Capacity Four-Wheel Trolley
with 28-0882 Wheel Assembly**

Yokes and loadbar for this trolley are made from formed steel. Fittings available are forged eye, hook or fabricated steel clevis.

For wheel assembly, refer to page 400-7.

Options: (a) spark-resistant bronze wheels
(b) flangeless wheels; refer to trolley on page 403-13.





LOUDEN® TROLLEYS
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403-8
 Issued 9-7-01

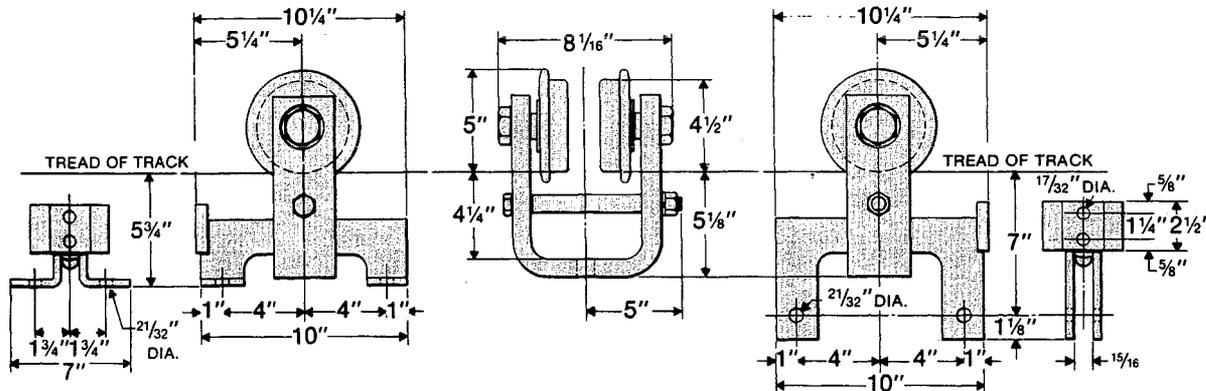
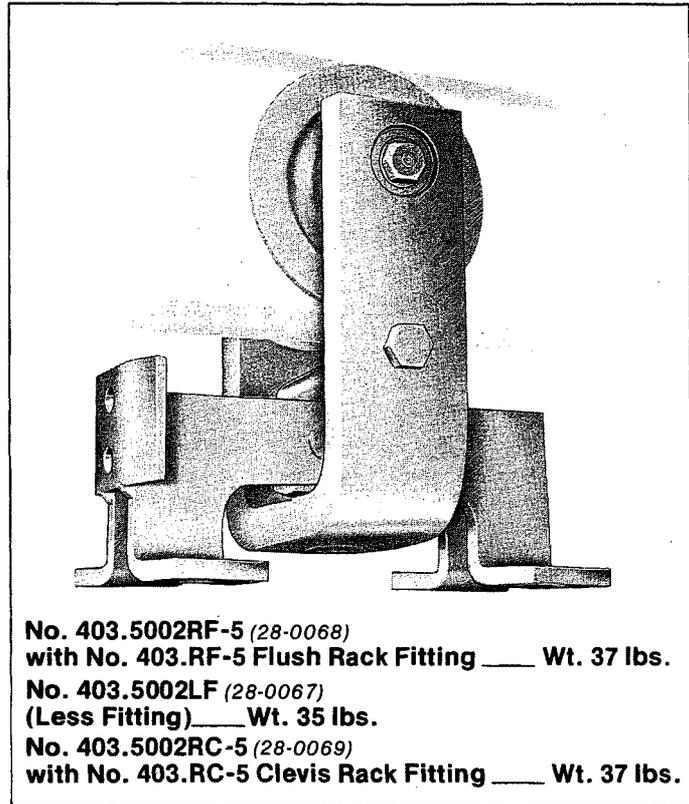
5000 lb. Capacity Two-Wheel Trolley
with 28-0593 (PF-4370) Wheel Assembly

Two-wheel trolleys are for use with special loadbars, racks and carriers. When used as independent load bearing units, two-wheel trolleys do not provide the ease and smoothness of travel accomplished by their use in pairs, one at each end of the carrier.

Yokes and fittings are made from formed steel. Flush-rack and clevis-rack fittings are available.

For wheel assembly, refer to page 400-9.

- Options: (a) spark-resistant bronze wheels.
 (b) flangeless wheels; refer to trolley on page 403-14.



No. 403.5002RF-5
 (28-0068)

No. 403.5002LF
 (28-0067)

No. 403.5002RC-5
 (28-0069)

Approximate dimensions are shown. Certified prints furnished on request.



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**LOUDEN® TROLLEYS
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403-9
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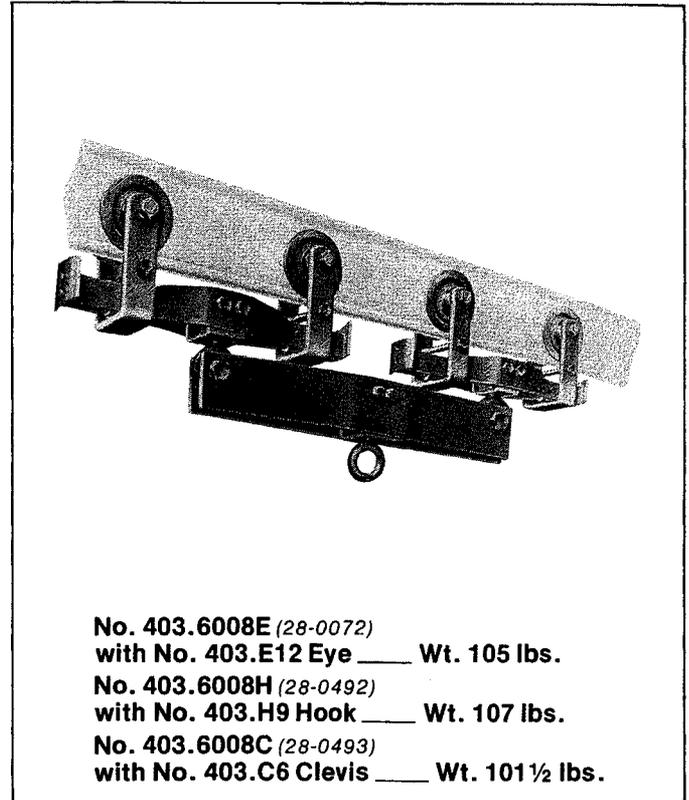
**6000 lb. Capacity Eight-Wheel Trolley
with 28-0878 Wheel Assembly**

Yokes, loadbar and connecting bar for this assembly are made from formed steel. Fittings available are drop forged eye, hook or fabricated steel clevis.

For wheel assembly, refer to page 400-5.

Options: (a) spark-resistant bronze wheels
(b) flangeless wheels; refer to trolley on page 403-12.

When used with 703.72XX track switches, additional lugs are required on the trolley yoke to contact switch baffles. Consult Factory.

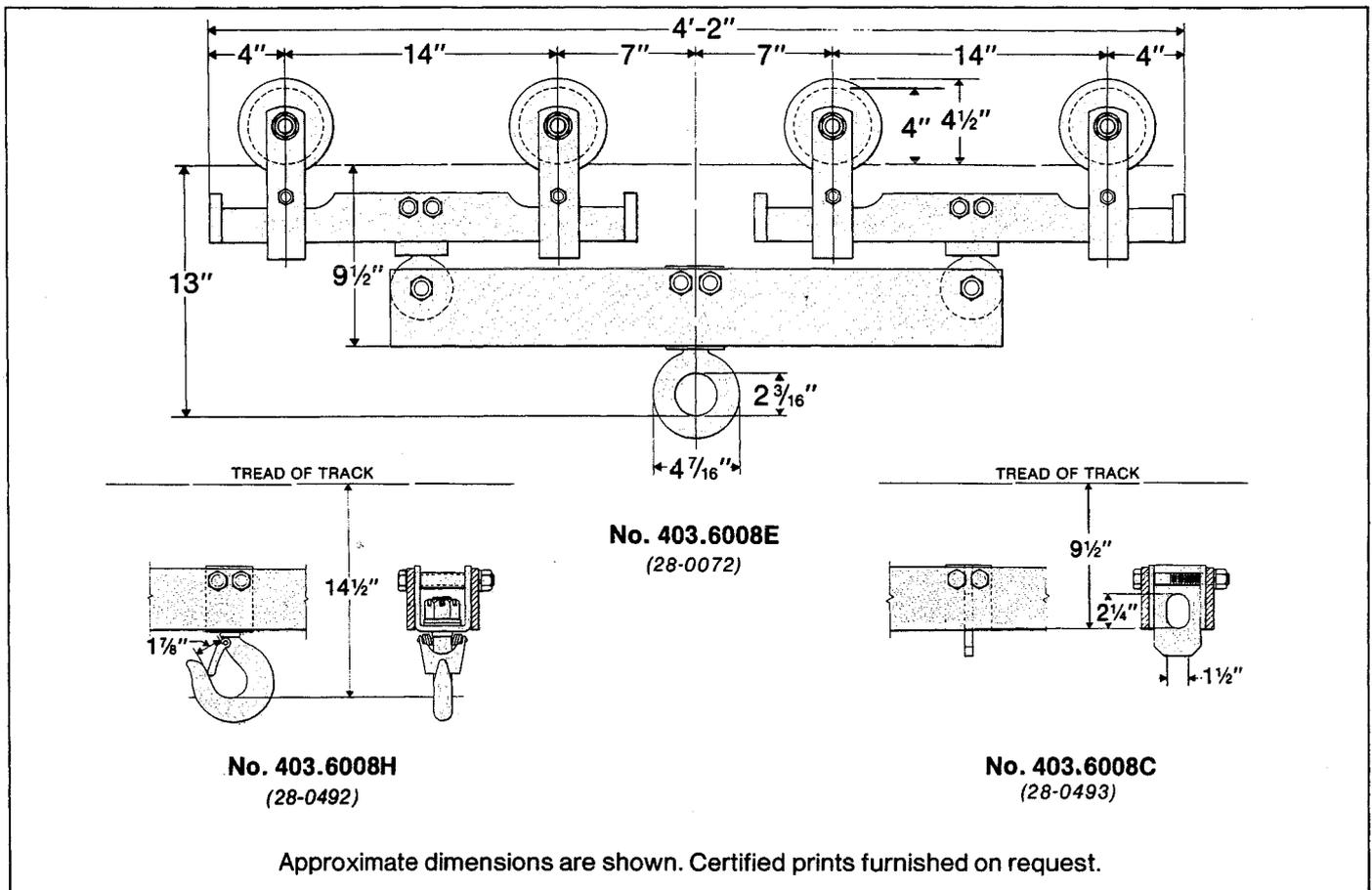


No. 403.6008E (28-0072)
with No. 403.E12 Eye _____ Wt. 105 lbs.

No. 403.6008H (28-0492)
with No. 403.H9 Hook _____ Wt. 107 lbs.

No. 403.6008C (28-0493)
with No. 403.C6 Clevis _____ Wt. 101½ lbs.

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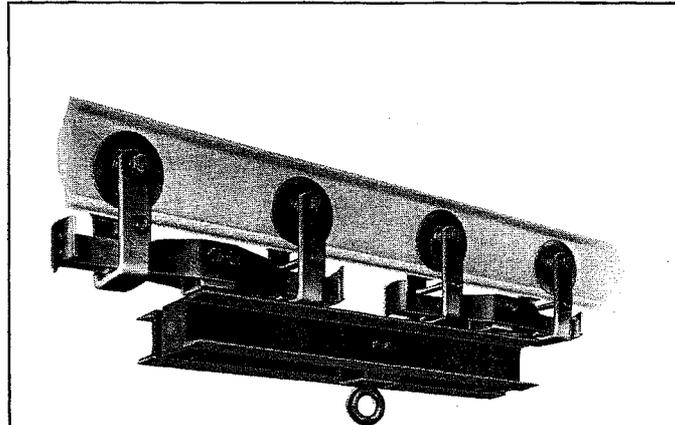
403-10
 Issued 9-7-01

10000 lb. Capacity Eight-Wheel Trolley with 28-0882 Wheel Assembly

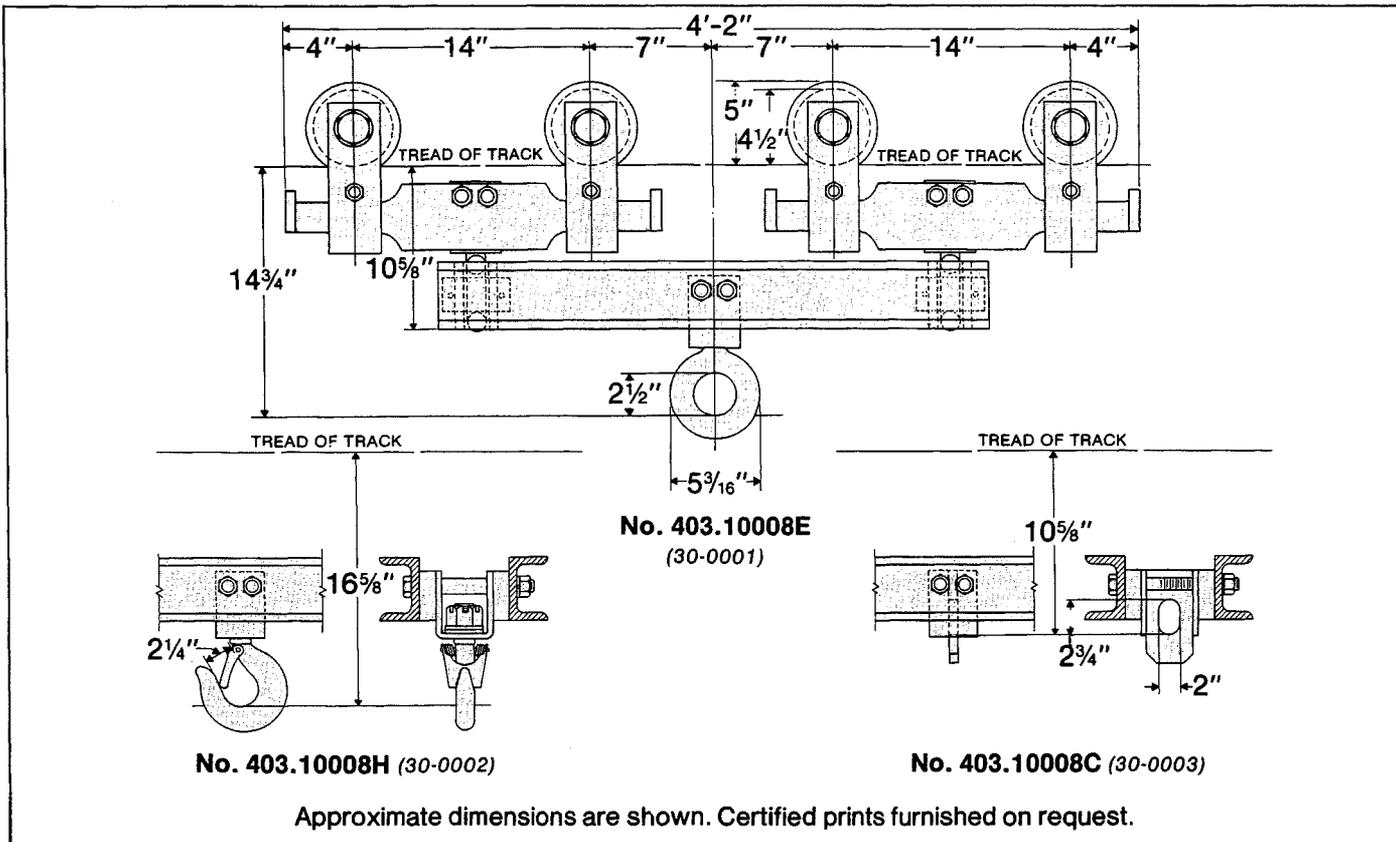
Yokes, loadbars and connecting bar for this trolley are made from formed and rolled steel. Fittings available are drop forged eye, hook or fabricated steel clevis.

For wheel assembly refer to page 400-7.

Options: (a) spark-resistant bronze wheels.
 (b) flangeless wheels; refer to trolley on page 403-13.



- No. 403.10008E (30-0001)
with No. 403.E14 Eye ____ Wt. 210 lbs.
- No. 403.10008H (30-0002)
with No. 403.H11 Hook ____ Wt. 215 lbs.
- No. 403.10008C (30-0003)
with No. 403.C10 Clevis ____ Wt. 209 lbs.
- No. 403.10008WCS (30-0174)
with Center Spacer ____ Wt. 202 lbs.



Approximate dimensions are shown. Certified prints furnished on request.



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LOUDEN[®] TROLLEYS
FOR USE WITH 3.33" FLANGE SUPERTRACK™ SYSTEMS

403-11
 Issued 9-7-01

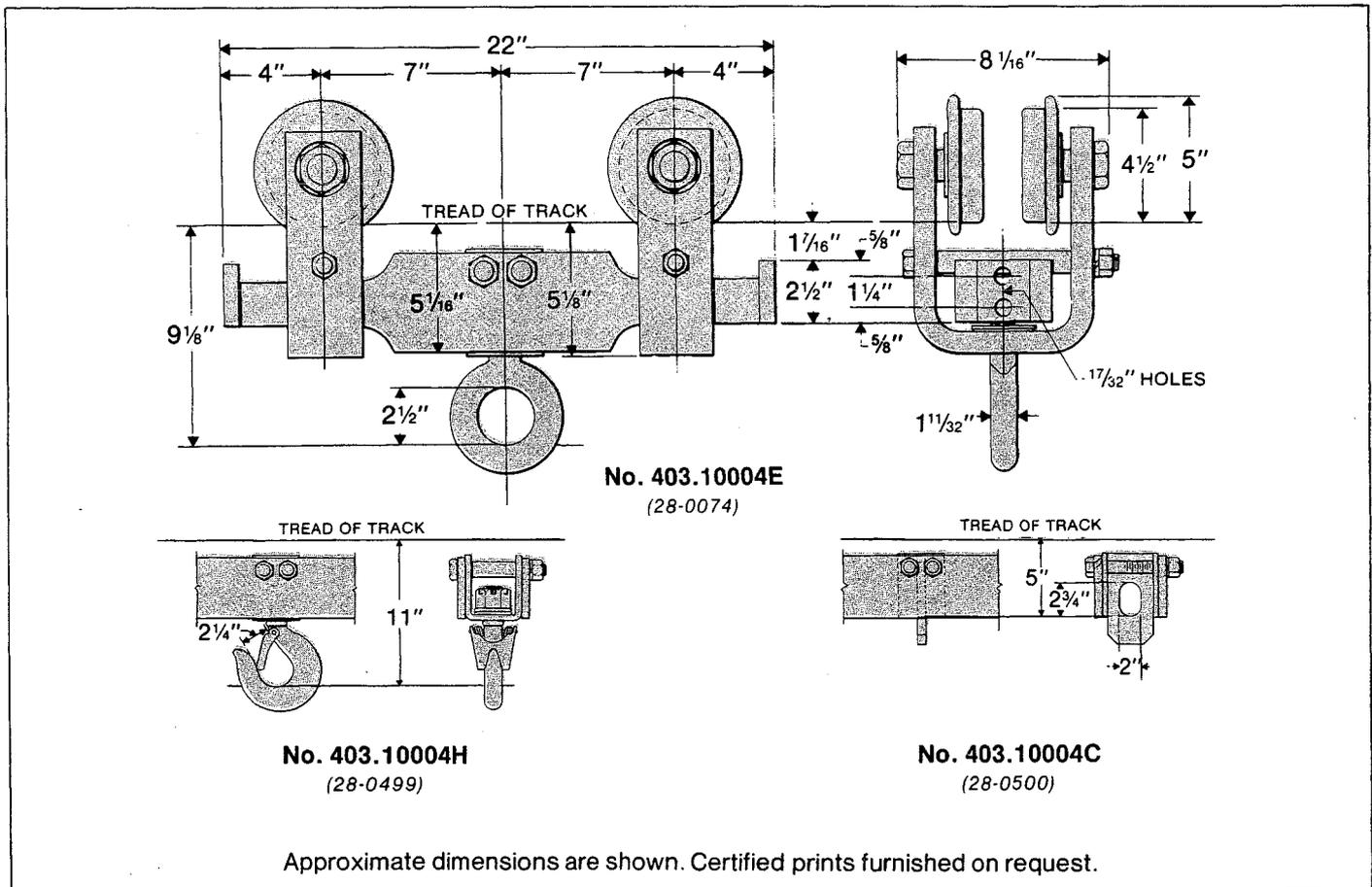
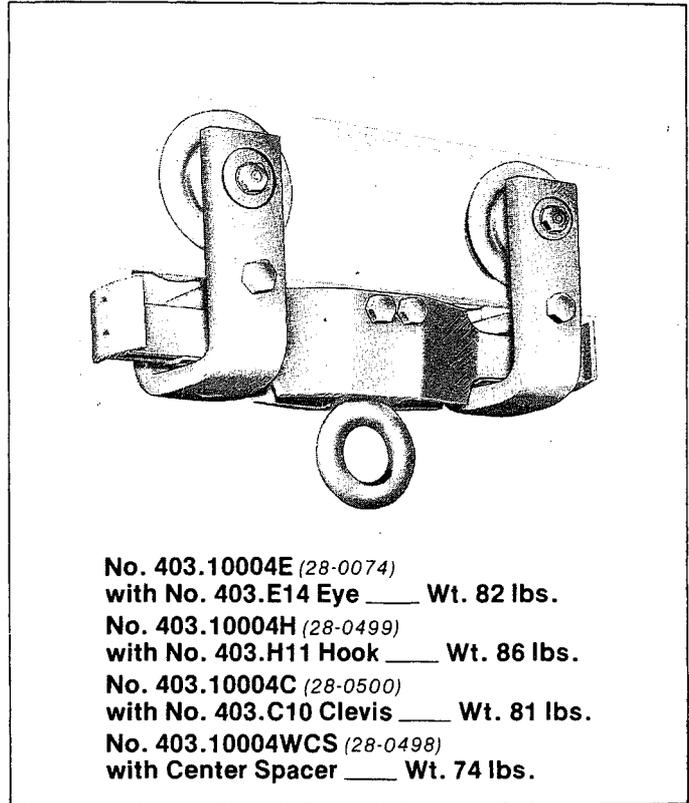
10000 lb. Capacity Four-Wheel Trolley
with 28-0593 (PF4370) Wheel Assembly

Yokes and loadbars for this trolley are made from formed steel. Fittings available are drop forged eye, hook, or fabricated steel clevis.

For wheel assembly, refer to page 400-9.

Bronze wheels are optionally available for this trolley assembly.

Options: (a) spark-resistant bronze wheels.
 (b) flangeless wheels; refer to trolley on page 403-14.





LOUDEN® TROLLEYS
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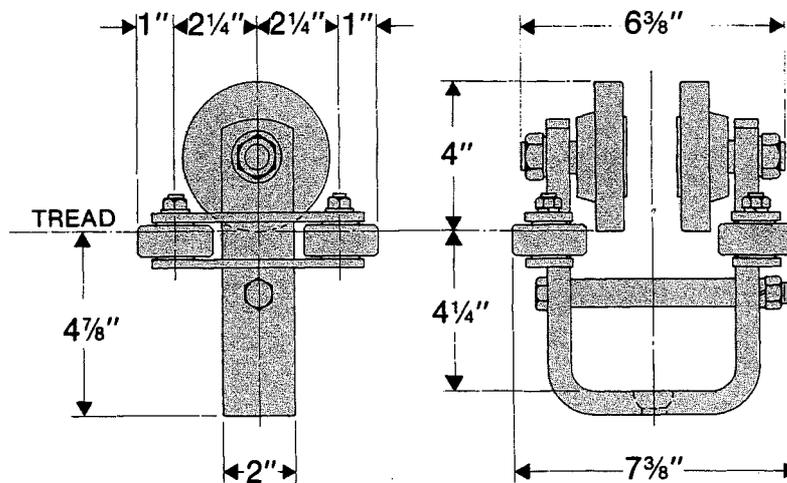
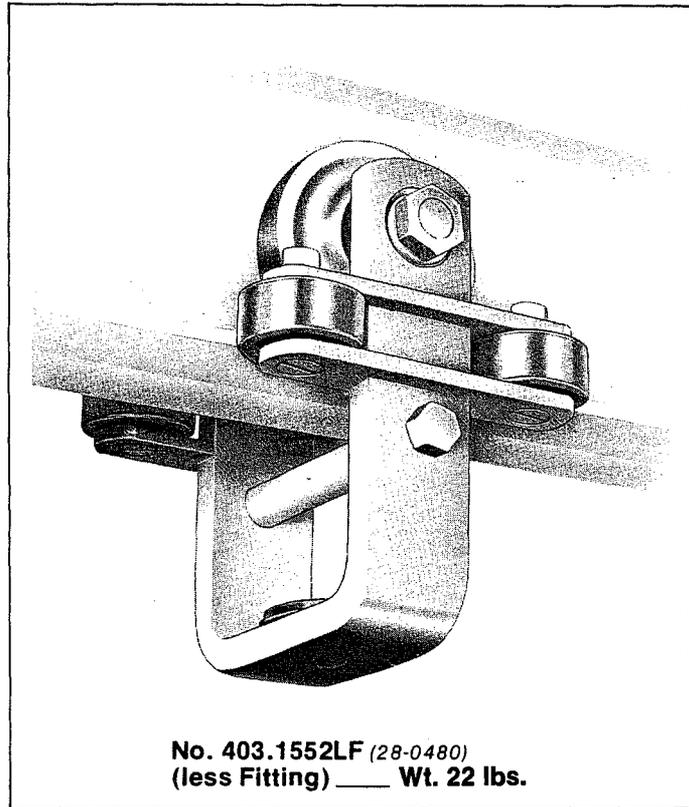
403-12
 Issued 9-7-01

**1500 lb. Capacity Two-Wheel Trolley
 with 28-0879 Flangeless Wheel Assembly
 and Guide Rollers**

This trolley can be substituted for the standard trolleys illustrated on pages 3, 5, and 9 of this 403 section. It is also available as an alternate for trolleys of this capacity on crane trucks, hoist trolleys and special carriers.

Yokes for this assembly are formed steel with welded steel roller brackets. Guide rollers have single row, pre-lubricated and permanently sealed anti-friction bearings, with heavy wall, hardened outer race.

For wheel assembly, refer to page 400-6.



No. 403.1552LF (28-0480)

Approximate dimensions are shown. Certified prints furnished on request.



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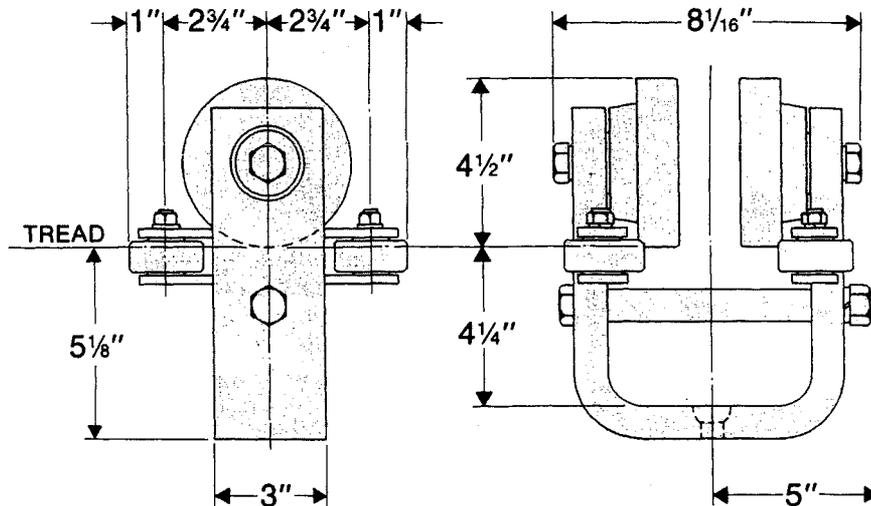
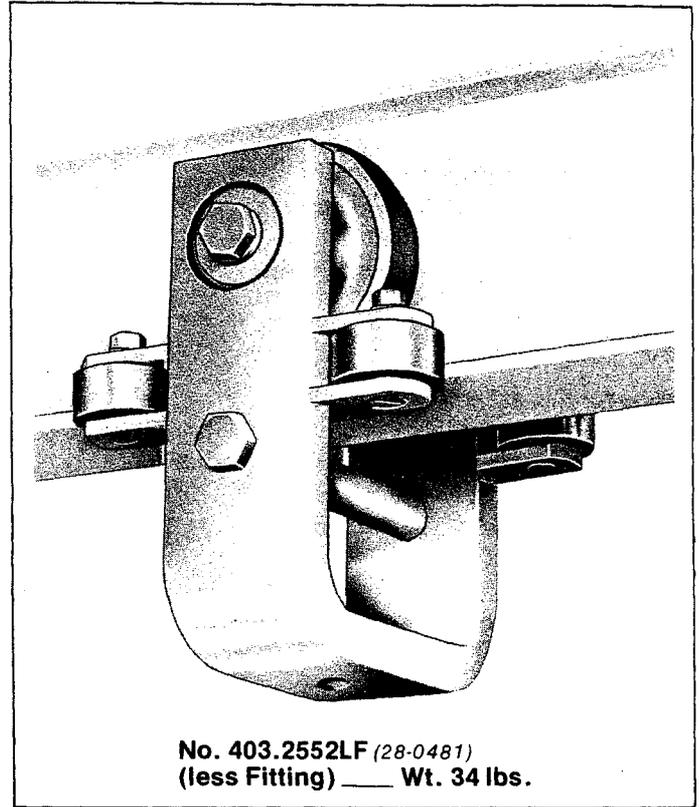
403-13
Issued 9-7-01

2500 lb. Capacity Two-Wheel Trolley
with 28-0881 Flangeless Wheel
Assembly and Guide Rollers

This trolley can be substituted for the standard trolleys illustrated on pages 4, 7, and 10 of this 403 section. It is also available as an alternate for trolleys of this capacity on crane trucks, hoist trolleys and special carriers.

Yokes for this assembly are formed steel with welded steel roller bracket. Guide rollers have single row, pre-lubricated and permanently sealed anti-friction bearings, with heavy wall, hardened outer race.

For wheel assembly, refer to page 400-8.



No. 403.2552LF
(28-0481)

Approximate dimensions are shown. Certified prints furnished on request.



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FOR USE WITH 3.33" FLANGE SUPERTRACK™ SYSTEMS

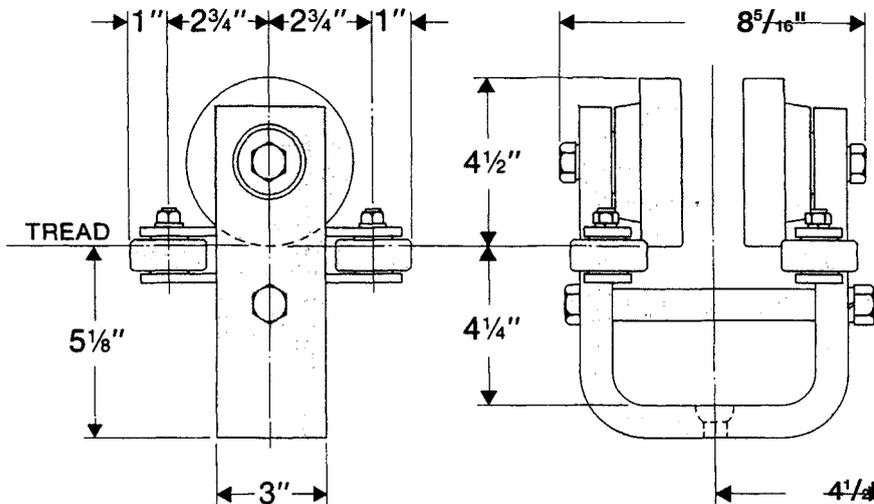
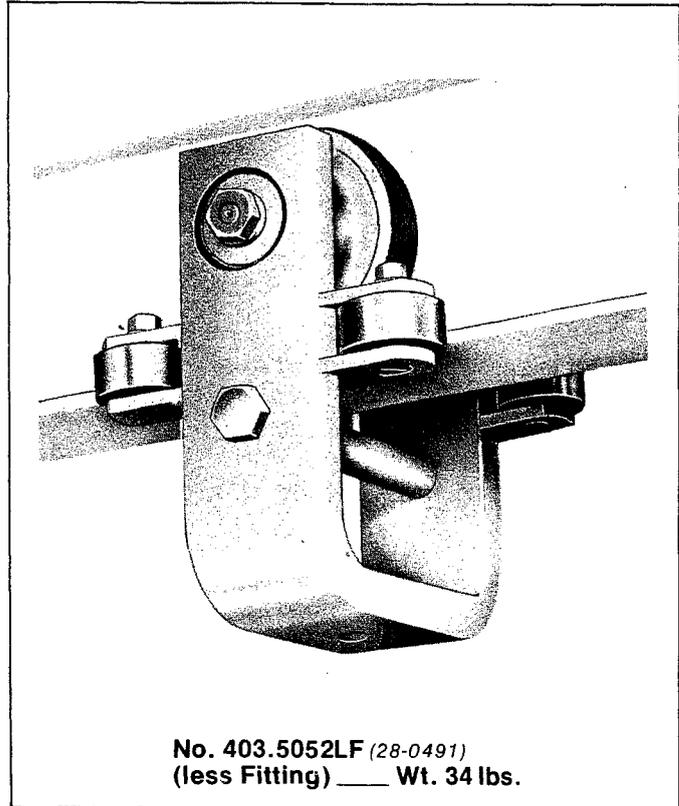
403-14
 Issued 9-7-01

5000 lb. Capacity Two-Wheel Trolley
with 28-0595 (PF-4377) Flangeless Wheel
Assembly and Guide Rollers

This trolley can be substituted for the standard trolleys illustrated on pages 8 and 11 of this 403 section. It is also available as an alternate for trolleys of this capacity on crane trucks, hoist trolleys, special carriers and Model 3HL *MotoVeyor*® drive units.

Yokes for this assembly are formed steel with welded steel roller bracket. Guide rollers have single row, pre-lubricated and permanently sealed anti-friction bearings, with heavy wall, hardened outer race.

For wheel assembly, refer to page 400-10.



No. 403.5052LF
 (28-0491)

Approximate dimensions are shown. Certified prints furnished on request.



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