

**LOUDEN**®

**TROLLEYS  
FOR USE WITH 2" 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 load bars, racks and carriers. When used as independent load carrying 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.

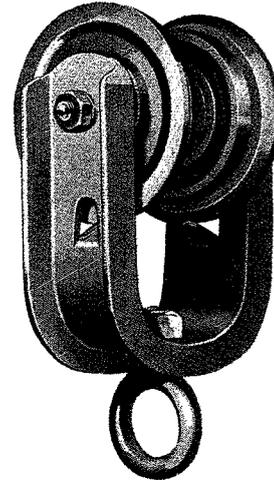
Yokes for this trolley assembly are formed from channel steel. Forged eye fittings are available.

For wheel assembly, refer to page 400-4.

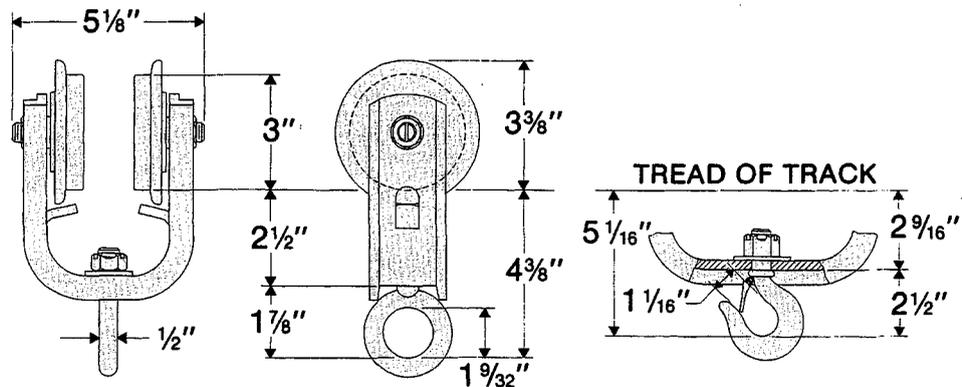
Spark-resistant bronze wheels  
not available.

For use in tongue switches No. 702.6230, No. 702.6233 and No. 702.6232 **ONLY**.

**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.



**No. 402.372E** (28-0611)  
with No. 402.E6 Eye \_\_\_\_ Wt. 5 lbs.  
**No. 402.372H** (30-0198)  
with No. 402.H3 Hook—Wt. 5 lbs.  
**No. 402.372LF** (28-0021)  
(less Fitting) \_\_\_\_ Wt. 4½ lbs.



**No. 402.372E**  
(28-0611)

**No. 402.372H**  
(30-0198)

Approximate dimensions are shown. Certified prints furnished on request.



**LOUDEN® TROLLEYS**  
**FOR USE WITH 2" FLANGE SUPERTRACK™ SYSTEMS**

402-2  
 Issued 9-7-01

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

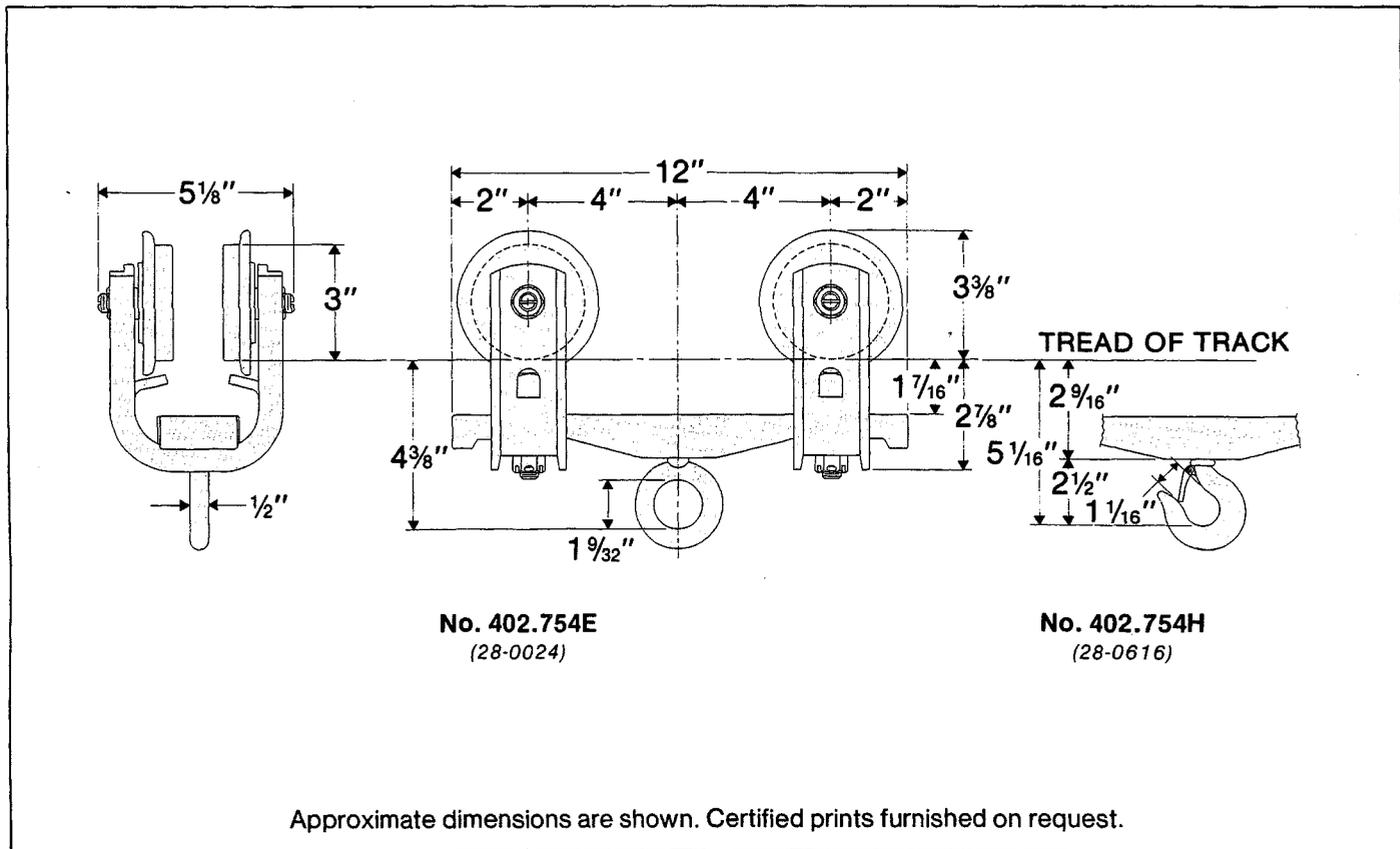
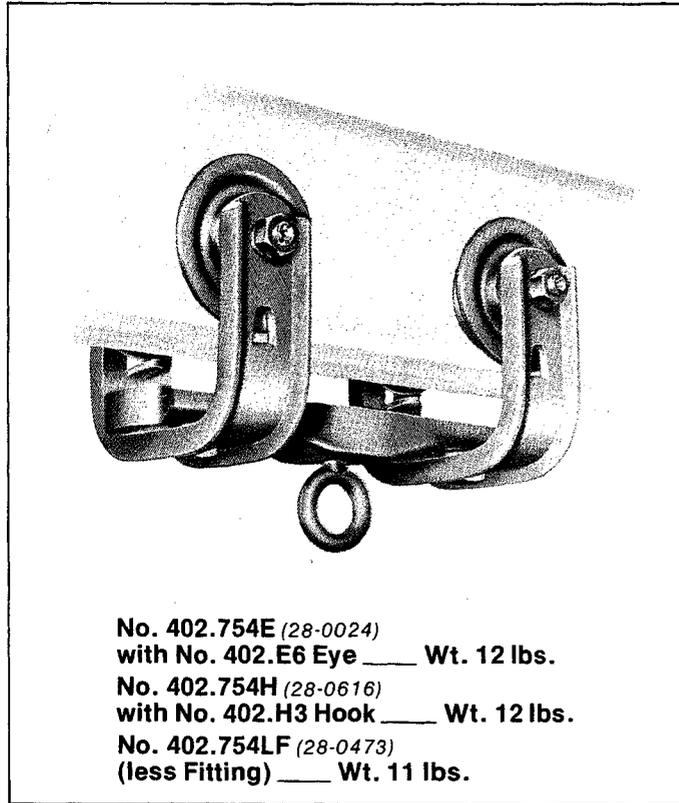
Yokes for this assembly are formed from channel steel. Loadbars are cast malleable iron. Forged eye or hook fittings are available.

For wheel assembly, refer to page 400-4

Spark-resistant bronze wheels not available.

For use in tongue switches No. 702.6230, No. 702.6233 and No. 702.6232 **ONLY**.

Will not work on close approach end stops.





**LOUDEN® TROLLEYS  
FOR USE WITH 2" FLANGE SUPERTRACK™ SYSTEMS**

402-3  
Issued 9-7-01

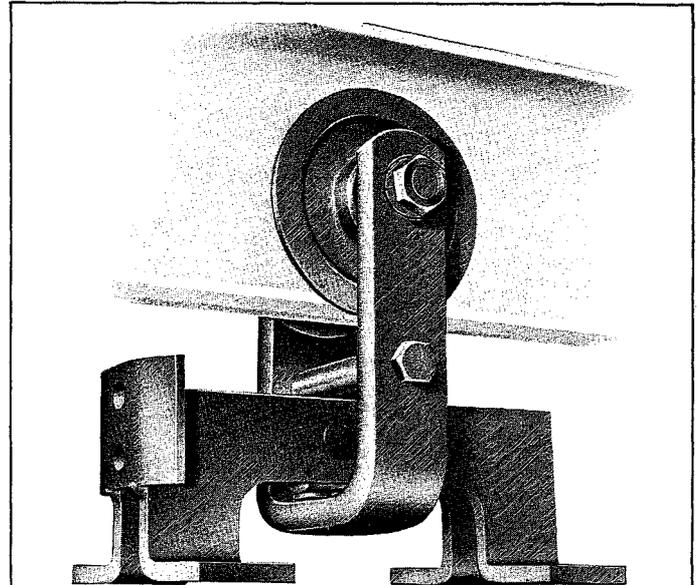
**1500 lb. Capacity Two-Wheel Trolley  
with 28-0877 Wheel Assembly**

Two-wheel trolleys are for use with special loadbars, racks and carriers. When used as independent load carrying 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.

Yoke and fittings are made from formed steel.

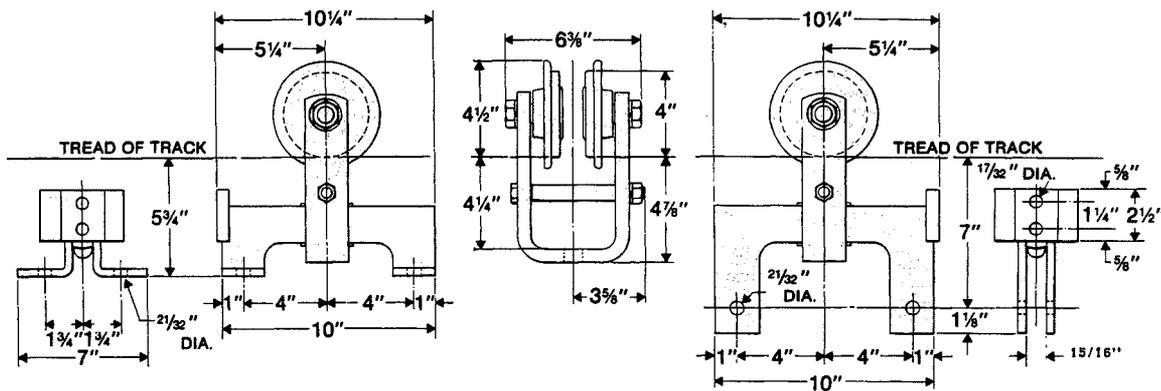
For wheel assembly, refer to page 400-3.

Option: spark-resistant bronze wheels.



**No. 402.1502RF-3 (28-0028)  
with No. 402.RF-3 Flush Rack Fitting \_\_\_\_ Wt. 20 lbs.**  
**No. 402.1502LF (28-0027)  
(Less Fitting) \_\_\_\_ Wt. 17 lbs.**  
**No. 402.1502RC-3 (28-0029)  
with No. 402.RC-3 Clevis Rack Fitting \_\_\_\_ Wt. 20 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.



**No. 402.1502RF-3**  
(28-0028)

**No. 402.1502LF**  
(28-0027)

**No. 402.1502RC-3**  
(28-0029)

Approximate dimensions are shown. Certified prints furnished on request.



**LOUDEN® TROLLEYS**  
**FOR USE WITH 2" FLANGE SUPERTRACK™ SYSTEMS**

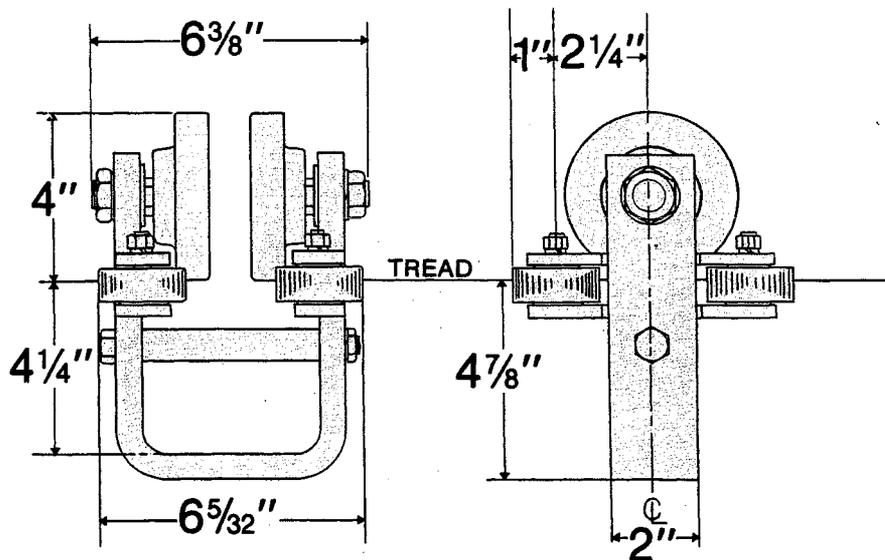
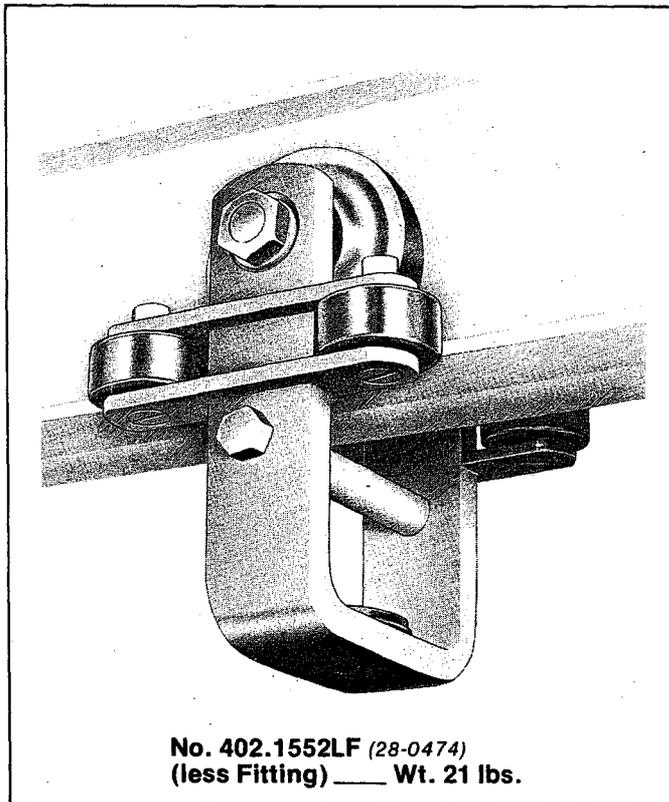
402-4  
Issued 9-7-01

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

This trolley may be substituted for the standard trolleys illustrated on pages 3, 5, and 7 of this 402 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. 402.1552LF**  
(28-0474)

Approximate dimensions are shown. Certified prints furnished on request.



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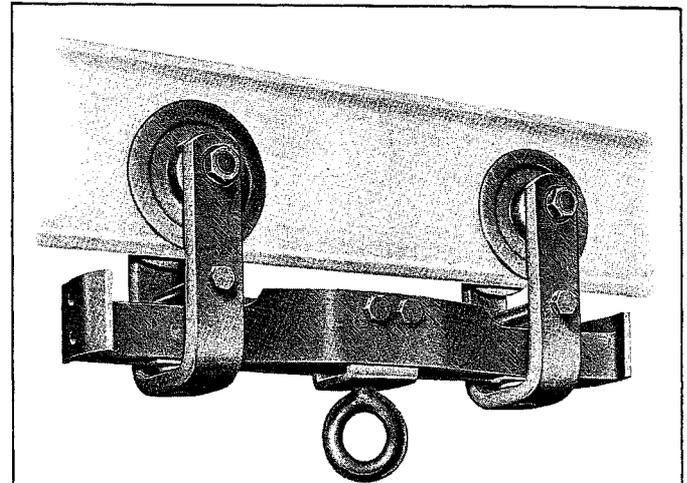
402-5  
 Issued 9-7-01

**3000 lb. Capacity Four-Wheel Trolley with 28-0877 Wheel Assembly**

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

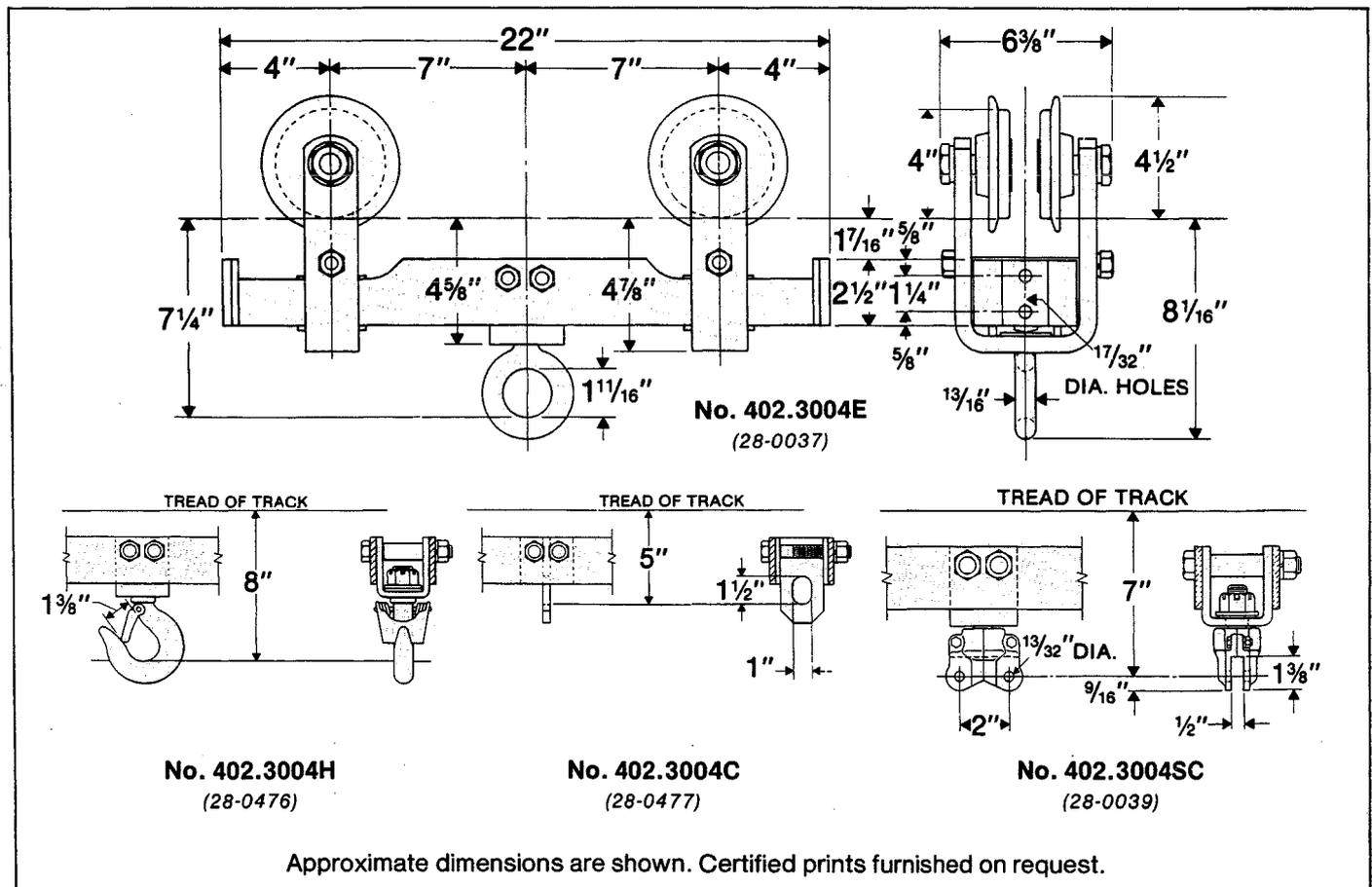
For wheel assembly, refer to page 400-3.

Option: spark-resistant bronze wheels.



- No. 402.3004E (28-0037)  
 with No. 402.E9 Eye \_\_\_\_ Wt. 38½ lbs.
- No. 402.3004H (28-0476)  
 with No. 402.H6 Hook \_\_\_\_ Wt. 39 lbs.
- No. 402.3004C (28-0477)  
 with No. 402.C3 Clevis \_\_\_\_ Wt. 36 lbs.
- No. 402.3004SC (28-0039)  
 with No. 402.SC3 Swivel Clevis \_\_\_\_ Wt. 42 lbs.
- No. 402.3004WCS (28-0475)  
 with Center Spacer \_\_\_\_ Wt. 38 lbs.

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402-6  
 Issued 9-7-01

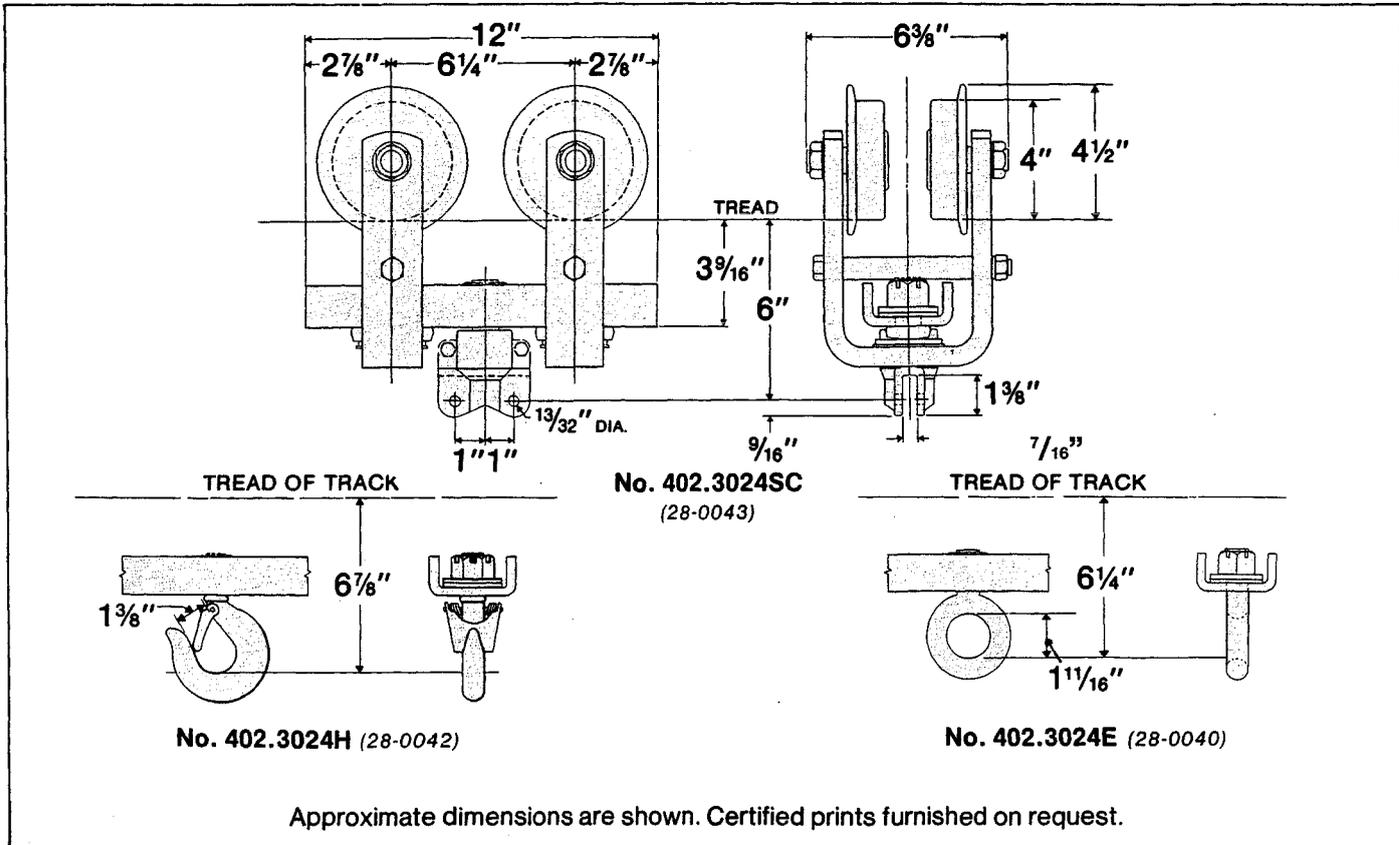
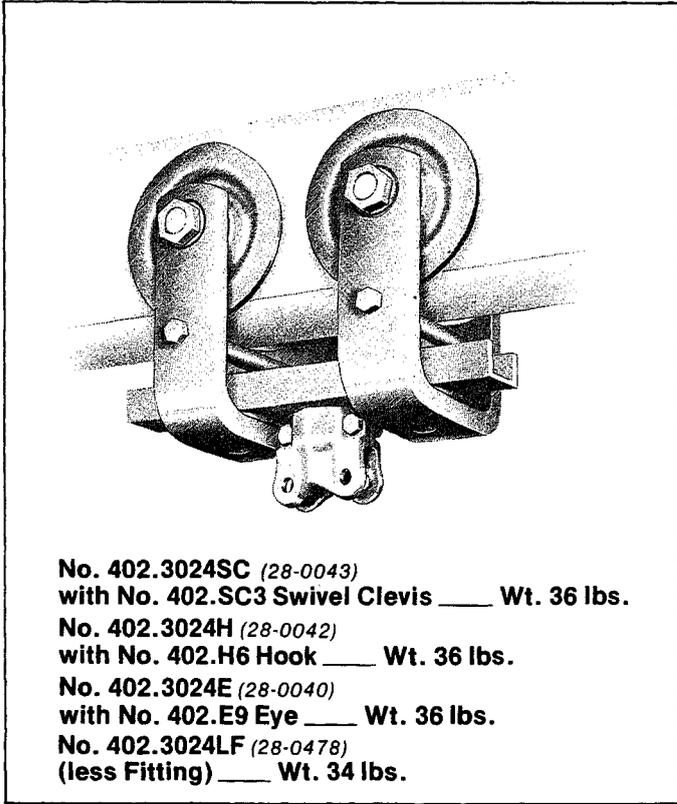
**3000 lb. Capacity Four-Wheel Trolley with 28-0877 Wheel Assembly**

Yokes and loadbar for this assembly are 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 400-3.

Option: spark-resistant bronze wheels.



Approximate dimensions are shown. Certified prints furnished on request.



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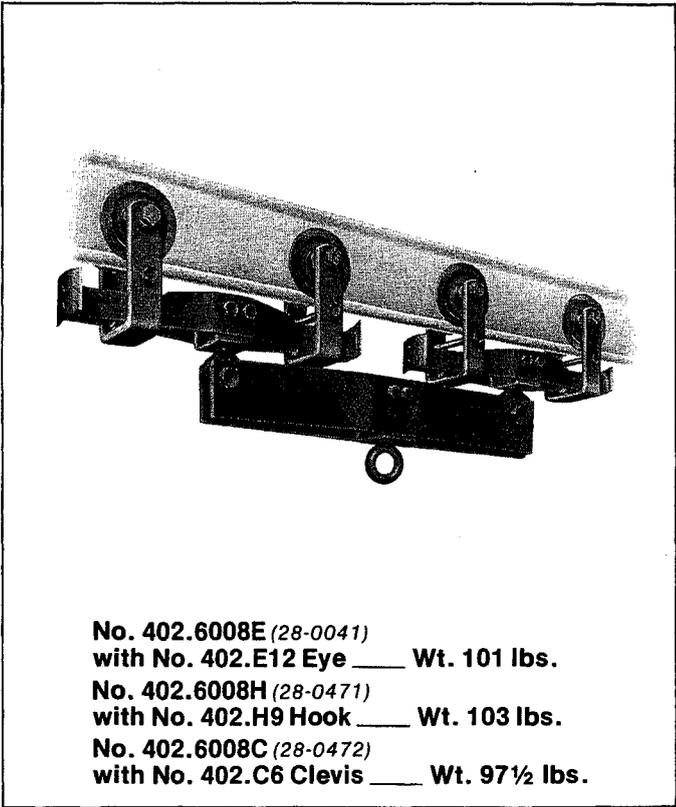
402-7  
 Issued 9-7-01

**6000 lb. Capacity Eight-Wheel Trolley Assembly with 28-0877 Wheel Assembly**

Yokes, loadbar and connecting bar are formed steel. Fittings available are forged eye, hook or fabricated steel clevis.

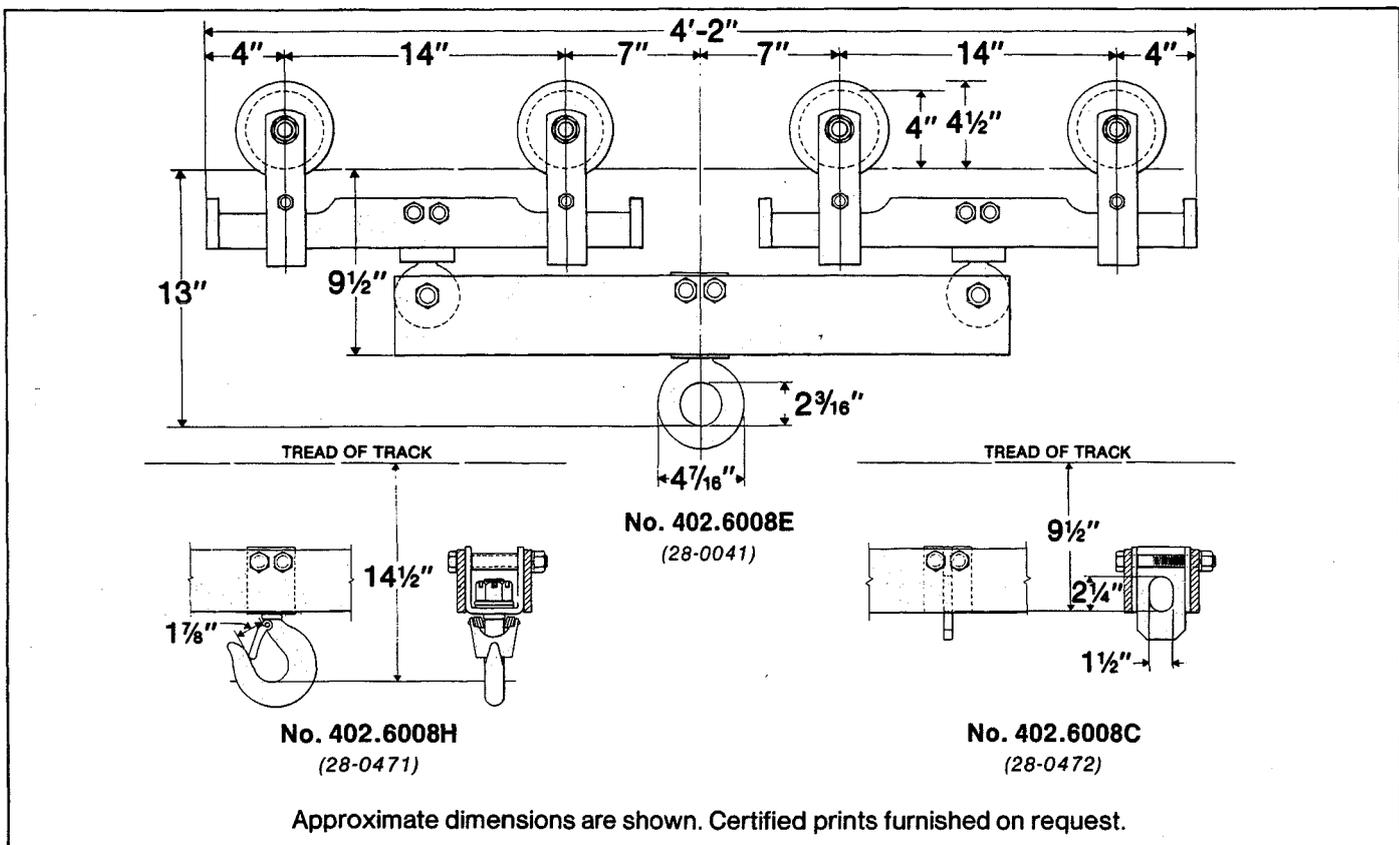
For wheel assembly, refer to page 400-3.

Option: (a) spark-resistant bronze wheels.



**No. 402.6008E (28-0041)**  
 with No. 402.E12 Eye \_\_\_\_ Wt. 101 lbs.  
**No. 402.6008H (28-0471)**  
 with No. 402.H9 Hook \_\_\_\_ Wt. 103 lbs.  
**No. 402.6008C (28-0472)**  
 with No. 402.C6 Clevis \_\_\_\_ Wt. 97½ lbs.

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