RTG 450 & 700
I-BEAM FESTOON SYSTEM
FOR RUBBER TIRED AND RAIL MOUNTED GANTRY CRANES

• Choice of two capacities at 500 fpm (150m/m):
  SERIES RTG-450, 450 lbs. (202.5kg) capacity per trolley.
  SERIES RTG-700, 700 lbs. (315kg) capacity per trolley.
• Trolleys ride on four large diameter hardened steel or nylon flanged
  wheels with oversized sealed ball bearings.
• Four steel anti-lift rollers.
• Key-hole frame design prevents fall if wheels fail.
• Accepts either flat or round cables.
• Dual clamp design (two windows). Rubber compression clamps
  accommodate a variety of cables.

STORAGE DISTANCE*
ACTIVE TRAVEL

• Fits S6 X 12.5 or I 150 X 75 beams. Larger sizes on request.
• Choice of three saddle diameters (10.24"[259], 14.12"[359],
  18.12"[460]) in two widths:13.38" (340) and 20.38" (518).
  Optional double tier saddles also available.
• Fabricated steel construction…no castings.
• Baked polyester or galvanized finish provide superior protection
  against corrosion.
• Choice of zinc plated or stainless steel hardware.

TYPICAL INSTALLATION

*MINIMUM STORAGE DISTANCE
Minimum storage distance = sum of “L” dimension of all
  trolleys in system (see drawings over). This includes one
  fixed trolley, one tow trolley, and number of intermediate
  trolleys as shown above.

ECONOMICALLY PRICED...
FILLED WITH OUTSTANDING FEATURES

LARGE DIAMETER HARDENED
STEEL OR NYLON WHEELS
HEAVY-DUTY
STEEL FRAME

1.5" (38mm) dia.
DUAL RUBBER
BUMPERS ABSORB
SHOCKS OF HIGH
SPEED TRAVEL

STEEL ANTI-LIFT
WHEELS

SPLIT CLAMP ACCEPTS
ROUND OR FLAT CABLES

CHOOSE FROM SIX
SADDLE SIZES...
SINGLE OR
DOUBLE TIER
**INTERMEDIATE TROLLEY**

*Single tier saddles shown. Double tier saddles available. Consult factory.*

<table>
<thead>
<tr>
<th>SERIES 450 MODEL NUMBER</th>
<th>SERIES 700 MODEL NUMBER</th>
<th>“D” (IN.)</th>
<th>“P” (IN.)</th>
<th>“V” (IN.)</th>
<th>“H” (IN.)</th>
<th>“L” (IN.)</th>
<th>“W” (IN.)</th>
<th>“M” (IN.)</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTG-450S-14-0104I-ZP-__</td>
<td>RTG-700S-14-0104I-ZP-__</td>
<td>18.12</td>
<td>2.00</td>
<td>4.38(111)</td>
<td>16.82</td>
<td>23.00</td>
<td>13.38(340)</td>
<td>11.50</td>
<td>64(28.8)</td>
</tr>
</tbody>
</table>

**FIXED TROLLEY**

First trolley at fixed end of festoon system. Does not have rollers and is bolted in place.

<table>
<thead>
<tr>
<th>SERIES 450 MODEL NUMBER</th>
<th>SERIES 700 MODEL NUMBER</th>
<th>“D” (IN.)</th>
<th>“P” (IN.)</th>
<th>“V” (IN.)</th>
<th>“H” (IN.)</th>
<th>“L” (IN.)</th>
<th>“W” (IN.)</th>
<th>“M” (IN.)</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTG-450S-14-0104F-ZP-__</td>
<td>RTG-700S-14-0104F-ZP-__</td>
<td>18.12</td>
<td>2.00</td>
<td>4.38(111)</td>
<td>16.82</td>
<td>21.25</td>
<td>13.38(340)</td>
<td>11.50</td>
<td>54(24.3)</td>
</tr>
</tbody>
</table>

**TOW TROLLEY**

Last trolley at moving end of festoon system. One required per system.

<table>
<thead>
<tr>
<th>SERIES 450 MODEL NUMBER</th>
<th>SERIES 700 MODEL NUMBER</th>
<th>“D” (IN.)</th>
<th>“P” (IN.)</th>
<th>“V” (IN.)</th>
<th>“H” (IN.)</th>
<th>“L” (IN.)</th>
<th>“W” (IN.)</th>
<th>“M” (IN.)</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTG-450S-14-0104T-ZP-__</td>
<td>RTG-700S-14-0104T-ZP-__</td>
<td>18.12</td>
<td>2.00</td>
<td>4.38(111)</td>
<td>16.82</td>
<td>22.87</td>
<td>13.38(340)</td>
<td>11.68</td>
<td>66(29.7)</td>
</tr>
</tbody>
</table>

**HOW TO ORDER**

Options in model numbers above are shown in **BOLD FACE** below. Substitute letters shown for other desired options.

**MODEL NUMBER STRUCTURE**

- **RTG** 450S–10–0104I–ZP–__
  - SERIES: RTG-450S–2.5”(64) dia. wheels
  - RTG-700–4.00”(102) dia. wheels
  - WHEEL MATERIAL
    - S=Steel
    - N=Nylon
  - SADDLE DIAMETER
  - WINDOW SIZE & TROLLEY TYPE
    - I=Intermediate Trolley
    - T=Tow Trolley
    - F=Fixed Trolley
  - BEAM SIZE
    - S6 x 12.5, 1500 x 75, etc.
  - ZP=Zinc plated hardware, painted finish
  - SP=Stainless hardware, painted finish
  - SG=Stainless hardware, galvanized finish
  - FINISH

**Gleason Reel Corp.**

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