Steel Scaffold
Frames and Accessories

37-20 Twelfth Street
Long Island City, NY 11101

718-784-6666
800-640-9675
FAX 718-482-9016
www.yorkscaffold.com
Standard Scaffold Frames

The 5-foot wide frames are ideally suited for maintenance and general applications. They are available in various heights plus a 6'-4" Walk-thru model. They are recommended where the maximum load capacity does not exceed 50 lbs. per square foot uniformly distributed over a 5' x 7' or 5' x 8' area.

**STANDARD FRAMES**

Model No. FLT3
Stud Centers: 2'-0"
Wt: 29.5 lbs.

Model No. FLT64
Stud Centers: 4'-0"
Wt: 45.5 lbs.

**36" NARROW FRAMES**

Model No. FW64
Stud Centers: 4'-0"
Wt: 49.5 lbs.

Model No. FL35
Stud Centers: 4'-0"

Model No. FL33
Stud Centers: 2'-0"

**24" NARROW FRAMES**

These 2'-0" wide frames are particularly suited for narrow areas. They are recommended where the maximum load capacity does not exceed 50 lbs./sq. ft.

* TUBE SPECIFICATIONS
Outside diameter: 1.69"
Inside diameter: 1-1/2"
Wall thickness: .095"
Finish: Royal Blue or Gray Powder Coat

All frames are measured on center.

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Standard Access Ladder Frames

These 5'-0" wide frames are suited for access to the top platform of a rolling tower. These Access Ladder Frames are recommended for a load capacity of 50 lbs/sq. ft.

Model No. FLTA3
Stud Center: 2'-0"
Wt: 32.5 lbs.

Model No. FLTA5
Stud Center: 4'-0"
Wt: 45.5 lbs.

Model No. FLTA64
Stud Center: 4'-0"
Wt: 52.5 lbs.

Model No. FLTAGR
Guard Rail Panel provides access to the top of the platform through the chained opening as well as providing guard rail protection on one side. Wt: 37 lbs.

Illustrated to the right is a rolling tower using Access Ladder Frames (FLTA) and guard rail panel (FLTAGR). These frames allow a method of climbing without the use of clamp-on ladders, and are well suited for scaffolds which do not have internal or external access.

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CROSS BRACES (Galvanized)

Cross braces are used to brace the frames with drop locks at various spacings. The table to the right lists frame and brace combinations.

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>A SPAN BETWEEN FRAMES</th>
<th>B FRAME STUD CENTERS</th>
<th>C HOLE TO HOLE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>B42</td>
<td>4 ft.</td>
<td>2 ft.</td>
<td>4'-5&quot;½&quot;</td>
<td>7.00 lbs.</td>
</tr>
<tr>
<td>B44</td>
<td>4 ft.</td>
<td>4 ft.</td>
<td>5'-7&quot;½&quot;</td>
<td>8.25 lbs.</td>
</tr>
<tr>
<td>B52</td>
<td>5 ft.</td>
<td>2 ft.</td>
<td>5'-4&quot;½&quot;</td>
<td>8.25 lbs.</td>
</tr>
<tr>
<td>B54</td>
<td>5 ft.</td>
<td>4 ft.</td>
<td>6'-4&quot;½&quot;</td>
<td>8.25 lbs.</td>
</tr>
<tr>
<td>B62</td>
<td>6 ft.</td>
<td>2 ft.</td>
<td>6'-3&quot;½&quot;</td>
<td>10.25 lbs.</td>
</tr>
<tr>
<td>B64</td>
<td>6 ft.</td>
<td>4 ft.</td>
<td>7'-2&quot;½&quot;</td>
<td>10.50 lbs.</td>
</tr>
<tr>
<td>B72</td>
<td>7 ft.</td>
<td>2 ft.</td>
<td>7'-3&quot;½&quot;</td>
<td>11.50 lbs.</td>
</tr>
<tr>
<td>B74</td>
<td>7 ft.</td>
<td>4 ft.</td>
<td>8'-2&quot;½&quot;</td>
<td>11.75 lbs.</td>
</tr>
<tr>
<td>B82</td>
<td>8 ft.</td>
<td>2 ft.</td>
<td>8'-3&quot;½&quot;</td>
<td>12.25 lbs.</td>
</tr>
<tr>
<td>B84</td>
<td>8 ft.</td>
<td>4 ft.</td>
<td>8'-11&quot;½&quot;</td>
<td>13.75 lbs.</td>
</tr>
<tr>
<td>B102</td>
<td>10 ft.</td>
<td>2 ft.</td>
<td>10'-2&quot;½&quot;</td>
<td>15.75 lbs.</td>
</tr>
<tr>
<td>B104</td>
<td>10 ft.</td>
<td>4 ft.</td>
<td>10'-9&quot;½&quot;</td>
<td>17.00 lbs.</td>
</tr>
</tbody>
</table>

DIAGONAL BRACES

Diagonal braces offer corner-to-corner diagonal stability to scaffold towers that are cross braced or straddle braced.

Specify base dimensions A & B when ordering.

Rolling Tower Accessories

- **Levelling Jack With Base Plate L1J1**
  Leveling Jack with Base plate attached to level scaffolding. Wt. 13½ lbs.

- **Levelling Jack For Caster or Shore Head L1J2**
  Leveling Jack for use with base plate, casters, or shoring head. Wt. 13½ lbs.

- **Base Plate BP1**
  Base plate - provides footing for frame assembly on level surfaces. Wt. 3 lbs.

- **Swivel Base Plate BP3**
  Swivel Base Plate - illustrated on sloping roof. Provides footing for frame assembly on uneven and angle surfaces. Wt. 3½ lbs.

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ROLLING TOWER ACCESSORIES

**GUARD RAIL POSTS**

- **GUARD RAILS**
  - (Galvanized)
  - Weight: 7.5 lbs.
  - Weight: 9 lbs.

**GUARD THRU FRAME GUARD RAIL PANEL**

- Model No. FWTGR
- Provides guard rail protection where needed on the open ends of the platform.

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GR2</td>
<td>2'-0&quot;</td>
<td>1.50 lbs.</td>
</tr>
<tr>
<td>GR3</td>
<td>3'-0&quot;</td>
<td>2.50 lbs.</td>
</tr>
<tr>
<td>GR4</td>
<td>4'-0&quot;</td>
<td>3.50 lbs.</td>
</tr>
<tr>
<td>GR5</td>
<td>5'-0&quot;</td>
<td>4.00 lbs.</td>
</tr>
<tr>
<td>GR6</td>
<td>6'-0&quot;</td>
<td>4.50 lbs.</td>
</tr>
<tr>
<td>GR7</td>
<td>7'-0&quot;</td>
<td>5.25 lbs.</td>
</tr>
<tr>
<td>GR8</td>
<td>8'-0&quot;</td>
<td>6.00 lbs.</td>
</tr>
<tr>
<td>GR10</td>
<td>10'-0&quot;</td>
<td>11.00 lbs.</td>
</tr>
</tbody>
</table>

**PLYWOOD DECK - RUNG JOINT CONSTRUCTION**

- Weight: 10 lbs.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DUTY/SQ. FT.</th>
<th>WIDTH</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP7</td>
<td>75 lbs.</td>
<td>19(\frac{1}{4})&quot;</td>
<td>7 ft.</td>
<td>27 lbs.</td>
</tr>
<tr>
<td>AP8</td>
<td>50 lbs.</td>
<td>19(\frac{1}{4})&quot;</td>
<td>8 ft.</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>AP10</td>
<td>20 lbs.</td>
<td>19(\frac{1}{4})&quot;</td>
<td>10 ft.</td>
<td>38 lbs.</td>
</tr>
</tbody>
</table>

- Modified I-Beam Extrusion protects edges of plywood.

3 planks fill a 5-foot wide scaffold frame.

**OUTRIGGERS**

- Model No. OR1
- Outrigger bracket for use with rolling tower to provide wider base to stabilize mobile scaffold tower.
- Wt. 16 lbs.

Outrigger bracket requires use of a cross brace to stabilize. Outriggers have a 2-ft. stud spacing for horizontally placed cross brace.

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Scaffold Accessories

SCAFFOLD PLANKS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>MATERIAL</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI-65-10</td>
<td>Pine</td>
<td>10'</td>
<td>9 3/4&quot;</td>
<td>40 lb.</td>
</tr>
<tr>
<td>SGLP-10</td>
<td>Laminated</td>
<td>10'</td>
<td>9 3/4&quot;</td>
<td>45 lb.</td>
</tr>
<tr>
<td>SGLP-13</td>
<td>Laminated</td>
<td>13'</td>
<td>9 3/4&quot;</td>
<td>58 lb.</td>
</tr>
</tbody>
</table>

OSHA Stamp confirms compliance to applicable OSHA standards.

STEEL PLANK
9" Wide

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP50</td>
<td>5' 0&quot;</td>
<td>22.0 lbs.</td>
</tr>
<tr>
<td>USP70</td>
<td>7' 0&quot;</td>
<td>30.0 lbs.</td>
</tr>
</tbody>
</table>

CLAMPS

Side Arm
Side Arm/Brackets are used to extend work area outward.
SA21 21 1/2". Wt. 10 lbs.
SA30 30". Wt. 14 lbs.

End Arm
End Arms are used to extend work area outward.
EA21 21 1/2". Wt. 12 lbs.
EA30 30". Wt. 16 lbs.

Right Angle Clamp
Wt. 3 lbs.
Model No. 095

Swivel Clamp
Wt. 4 lbs.
Model No. 096

Coupling Pin
Model No. CP1
For use with Standard Duty Frames. Coupling pin is 9" long x 1 3/8" O.D. Fitted with 1" mid-point collar.
Wt. 120 lbs. per 100 units.

Toggle Lock Pin
Model No. TP-01
Toggle pin is a solid pin with swivel bar. In open position to insert, in closed position, as illustrated, to lock.
Wt. 13 lbs. per 100 units.

Spring Clip
Model No. SC
For insert into Coupling Pin

Interlock Pipe

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VTC8</td>
<td>8'</td>
<td>18 lbs.</td>
</tr>
<tr>
<td>VTC10</td>
<td>10'</td>
<td>22 lbs.</td>
</tr>
<tr>
<td>VTC13</td>
<td>13'</td>
<td>28 lbs.</td>
</tr>
</tbody>
</table>

Wall-Tie Bracket
Model No. WTB - S
30" long
Wt. 6 lbs.

Model No. WTB - L
42" long
Wt. 8.5 lbs.

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STAIRWAYS
Model No. SW5
22" wide stairways for use with 5' high frames.
Wt: 63 lbs.

Model No. SW6
22" wide stairways for use with 6'-4" high frames.
Wt: 75 lbs.

INSIDE HAND RAIL
Model No. IHR5
Inside hand rail for use on 5' stairways.
Wt: 14 lbs.

Model No. IHR6
Inside hand rail for use on 6'-4" stairways.
Wt: 14 lbs.

OUTSIDE HAND RAIL
Model No. OHR5
Outside hand rail for use on 5' stairways.
Wt: 25 lbs.

Model No. OHR6
Outside hand rail for use with 6'-4" stairways.
Wt: 25 lbs.

STAIRWAY STARTER BAR
Model No. SWS86
Stairway starter bar for use with SW5 or SW64 stairways.
Wt: 11 lbs.

ACCESS LADDERS
These external access ladders provide a method for climbing any tower and can be assembled with the tower or after the tower has been fully erected.

<table>
<thead>
<tr>
<th>MODEL NO</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>WT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL3MD</td>
<td>16-5/8&quot;</td>
<td>3'</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>AL5MD</td>
<td>16-5/8&quot;</td>
<td>5'</td>
<td>26 lbs.</td>
</tr>
<tr>
<td>AL64MD</td>
<td>16-5/8&quot;</td>
<td>6'-4&quot;</td>
<td>34 lbs.</td>
</tr>
</tbody>
</table>

ACCESS LADDER BRACKET
Model No. ALB
Access ladder bracket center clamp fastens to vertical or horizontal frame members; side U-clamps fasten to access ladders.
Wt: 4.5 lbs.

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How To Erect Rolling Towers and Scaffolding

Rolling Towers

1. Establish base frames using cross braces secured by drop locks. Connect diagonal brace to frames to start assembly.

2. Install casters in legs. Insert and lock toggle pins to continue assembly.

3. Erect upper sections over base frame assembly using coupling pins between frames legs. Secure sections together with toggle pins through coupling pins to continue assembly.

4. Hook Aluma-planks over frame end bars at desired height.

5. Put in guard rail posts at 4 corners and secure posts to frame with toggle pins. Fasten guard rails to posts.

Scaffolding

1. Step
   1. Assembly
      Connect base plate to frame leg with toggle pin for even surface; connect adjustable jack (with base plate) to frame leg for uneven surfaces to start assembly at right. Always use mudsills under plates.

2. Step
   2. Assembly
      Establish base frames using cross braces secured by drop locks. Multiple frames and cross braces continue the assembly at right.

3. Step
   3. Assembly
      Erect upper sections over base frames using coupling pins between frame legs. Secure sections together with toggle pins to continue assembly at right.

4. Step
   4. Assembly
      Hook Aluma-planks over frame end bars at desired heights to continue assembly at right.

5. Step
   5. Assembly
      Put in guard rail posts at corner and mid-section. Secure posts to frame with toggle pins. Fasten guard rail to posts to continue 3-side guard rail assembly at right.

5. Step
   5. Assembly
      To close in plank deck on 3 sides, position toe board holders around guard rail posts and nail into 2' x 4' or 2' x 6's that serve as a toe board system. The complete assembly is illustrated to the right.

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