Ultra - Dependable
Long Lasting
High Speed Hoists

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3 Portable Hoist Mounting Options
4 Mounting Option Examples
5 Maxial High Speed Scaffold Hoist
6 Rack & Pinion

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Industrial

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<td>Paper Mills</td>
</tr>
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<td>Petro-Chemical Plants</td>
<td>Storage Silos</td>
</tr>
</tbody>
</table>
**Client Solution Assessment Form**

1. How heavy? ____________________________________
2. How high? _____________________________________
3. Material? ___________________ Need a VFD? ________
4. Power supply? _________________________________
5. Mounting on Scaffold? __________________________
6. I-Beam? ________________________________
7. Mast Climber? ___________________________
8. Rooftop (Stand-Alone)? _______________________

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Weight</th>
<th>Run Height</th>
<th>Speed</th>
<th>Volts, Phase</th>
<th>I-Beam</th>
<th>Scaff-Trac</th>
<th>Trestle Monorail</th>
<th>Vertical Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scorpio Plus XL</td>
<td>400 lbs</td>
<td>160'</td>
<td>80 fpm</td>
<td>110V, 1Φ</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>New Yorker</td>
<td>600 lbs</td>
<td>350'</td>
<td>80 fpm</td>
<td>220V, 1Φ</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Gemini Plus</td>
<td>600 / 1,200 *</td>
<td>220' / 110' *</td>
<td>80 / 40 *</td>
<td>110V, 1Φ or 220V, 1Φ †</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Leo</td>
<td>1,000 / 2,000 *</td>
<td>220' / 110' *</td>
<td>80 / 40 *</td>
<td>220V, 1Φ</td>
<td>X</td>
<td>X &lt; 1,200 lbs</td>
<td>X + supports</td>
<td></td>
</tr>
<tr>
<td>Leo XXL</td>
<td>1,000 / 2,000 *</td>
<td>400' / 200' *</td>
<td>80 / 40 *</td>
<td>220V, 3Φ</td>
<td>X</td>
<td>X &lt; 1,200 lbs</td>
<td>X + supports</td>
<td></td>
</tr>
<tr>
<td>Leo XXL VFD</td>
<td>1,000 / 2,000 *</td>
<td>400' / 200' *</td>
<td>Variable up to 80 fpm *</td>
<td>220V, 1Φ/ 3Φ</td>
<td>X</td>
<td>X &lt; 1,200 lbs</td>
<td>X + supports</td>
<td></td>
</tr>
</tbody>
</table>

* Double-roped. † Must be ordered 110V or 220V - cannot be converted. All Beta Max Hoist systems meet or exceed ANSI & OSHA specification.

- Fixed or trolleyed? ____________________________
- Accessories? ________________________________
- Cantilever? __________________ How far? _____________
- Longer pendants (6ft)? __________________________
- Lifting in the middle of scaffold? ______________________________
- Need wireless controls? __________________________
- Need counterbalance? ____________________________
- Need power cords or boosters? ____________
- 30AMP cord for VFD? __________

**Erecting or Dismantling Scaffold?**  
Maxial

Servicing multiple levels or Transferring people?  
Rack & Pinion

**Client Name** ________________________________  
**Hoist** ________________________________  
**Units** ______

**Company** ________________________________  
**Mount** ________________________________

**Phone** ________________________________  
**Mount Options** ________________________________

**Email** ________________________________  
**Rigging Accessories** ________________________________

**Address** ________________________________  
**Power Accessories** ________________________________

**Remote Accessories** ________________________________

**Have you been awarded the project?** ________________________________  
**Expected Project Start Date?** ________________________________

**When is the bid due?** ________________________________  
**Will you need the hoist by?** ________________________________

**Purchase or Rental?** ________________________________  
**Rental Period?** ________________________________

---

www.BetaMaxHoist.com  
TF: 800.233.5112
Our simplest mounting system is perfect for attaching our lighter weight hoists to existing scaffolding. This mount pivots 180 degrees, allowing convenient unloading at work level. Maximum load lift is 400 lbs.

Our heavy-duty mounting system is perfect for our large capacity hoists that specify monorail mounting. This mount is easily installed for between-the-floor or rooftop lifting, but must be properly counterbalanced. This system has a vertical capacity of up to 2000 lbs with a 3.5 ft outward cantilever.

Flexibility and versatility are delivered with our I-Beam Mounting Trolley. The addition of a rolling I-Beam Trolley Top allows many Beta Max Hoists to adapt to existing I-Beams. If the horizontal trolley is not necessary, Beta Max offers a Fixed I-Beam Top which firmly holds the hoist stationary on to the I-Beam. I-Beam suspension brackets are available for hanging I-Beam to scaffold frames as shown in illustrations.

Our most popular mounting systems attaches in minutes, with no tools, to existing scaffolding and is used with all Beta Max hoists. It features a 3.5 ft overhang on conventional 7 ft spaced, walk-thru scaffold frames. Unlimited system lengths are available using add-on 7 ft Scaff-Trac extensions. The Scaff-Trac has a weight limit of 1200 lbs when used with conventional scaffolding. The Mac-Trac system is also available for use with 5 ft mason-type scaffold frames.

PORTABLE HOIST MOUNTING OPTIONS

PORTABLE HOIST ACCESSORIES
Beta Max Hoist Systems

I-Beam Hoist System

I-Beam Suspension Bracket is 1 complete with 1 Saddle – Normally 2 or more per system

Scaff-Trac Hoist System

Scaff-Trac is complete with 2 Saddles

Roller Top is needed for Scaff-Trac

Counterweights

Double Rope Kit includes Shackle
I-Beam Trolley Adjusts 2.66” – 6” Flange

Anti-Twist bar with rollers is included with every I-Beam Trolley Top

To attach the anti twist roller accessory.
Remove the hoist from the I beam.
Remove two top bolts, the center bolt and the one closest to the front of the drum.
Using included longer bolts, attach roller top as shown in attached photos.
Re mount the hoist to the I beam.
Adjust the height of the rollers so that they contact the bottom side of the I beam and tighten the mounting bolts.
Beta Max Double Roping Hoist

Remove hook from shackle when double roping

Swivel Jaw Eye Shackle attaches here and comes with the double roping kit.

Cable Weight

Nico Press

Double Rope
Performance without Compromising Safety

Safety Features

• Easy Cable Replacement (Beta Max provides clamps and crimp)
• Failsafe brake holds the load securely when not lifting or lowering- loads are powered up and down
• Non-rotating cable helps keep loads from spinning
• Upper-limit Switch Assembly stops the hoist instantly when activated
• Sturdy Electrical Controller equipped with thermal overload sensing device
• Water Tight Connectors
Control your work flow, schedule, and budget with the fastest, most consistent material delivery on the market with Beta Max™ high speed hoists

**KEY FEATURES**

- Perfect for smaller projects with lighter load requirements. Lift up to 400 lbs. at 80 ft. per minute

- Ultra-portable and mobile (only weighs 95lbs.)

- Solid entry-level hoist with single phase, 110v power

- Confined and hard to reach spaces made easy with a compact portable hoist

- Safe, fast, and efficient alternative to rope & pulley systems, cranes, and forklifts

- Optional Vertical Post Mounting System easily attaches to the leg of scaffolding and pivots 180º, allowing convenient loading and unloading of materials at any work level

- Installs easily on existing scaffold systems, work platforms, I-Beams, and rooftop mounting options

- Simple cable replacement (Beta Max provides clamps and crimp)

**SAFETY FEATURES**

- Water Tight Connectors

- Failsafe brake holds the load securely when not lifting or lowering- loads are powered up and down, no free-falling or slipping

- Non-rotating cable helps keep loads from spinning

- Upper-limit Switch Assembly stops the hoist instantly when activated

- Sturdy Electrical Controller equipped with thermal overload sensing device

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com  (800) 644-6478

*All Beta Max Hoist Systems meet or exceed ANSI & OSHA specifications. This information is intended to be informative only, and does not constitute a representation or warranty with regard to Beta Max Hoists or any products or services provided. Prices and information are subject to change. Some or all of the renderings in these materials may vary from the actual hoists.*

Rev. 05-2016
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Set Up</th>
<th>Single Line</th>
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<tbody>
<tr>
<td>Lift Capacity</td>
<td>400 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
</tr>
<tr>
<td>Lift Height</td>
<td>160’</td>
</tr>
<tr>
<td>A/C Power</td>
<td>110v, 1Φ, 1HP</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1HP</td>
</tr>
<tr>
<td>Mounting Options</td>
<td>Vertical Post, I-Beam Trolley, Mac-Trac, Scaff-Trac, Trestle Monorail</td>
</tr>
</tbody>
</table>

### MOUNTING OPTIONS

- Scaff-Trac
- Trestle Monorail
- Mac-Trac
- I-Beam Trolley
- Post Mount

### ACCESSORIES

- Brick Fork
- Block Fork
- Scaffold Frame Fork
- Equipment Basket
- Dumpster Bucket
- Spreader Bar
- Counterweight Clamp Assembly
- Remote Control Extension
- Power Cord Extension
- Wireless Dual Control Package
- Booster Transformer

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(800) 644-6478
<table>
<thead>
<tr>
<th>PART NO.</th>
<th>MODEL</th>
<th>LIFT CAP. (LBS.)</th>
<th>LIFT HT. (FT.)</th>
<th>SPEED (FPM)</th>
<th>AC POWER (PHASE)</th>
<th>MOTOR HP</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-33-1</td>
<td>SCORPIO XL</td>
<td>400</td>
<td>160</td>
<td>80</td>
<td>110 V 1 PHASE</td>
<td>1 HP</td>
<td>90</td>
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<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>WEIGHT</th>
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<tbody>
<tr>
<td>60-53</td>
<td>REINFORCED POST MOUNT</td>
<td>SCORPIO XL</td>
<td>12</td>
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<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET</td>
<td>w/swivel clamps for use on round 2”</td>
<td>60</td>
</tr>
</tbody>
</table>

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard
NOTE: Scaffold Frame NOT Included
CANNOT BE DOUBLE ROPED

Beta Max Post Mount Hoist Mounting System
<table>
<thead>
<tr>
<th><strong>BetaMax PART NO.</strong></th>
<th><strong>MODEL</strong></th>
<th><strong>LIFT CAP. (LBS.)</strong></th>
<th><strong>LIFT HT. (FT.)</strong></th>
<th><strong>SPEED (FPM)</strong></th>
<th><strong>AC POWER (PHASE)</strong></th>
<th><strong>MOTOR HP</strong></th>
<th><strong>WEIGHT</strong></th>
</tr>
</thead>
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<tr>
<td>50-33-1</td>
<td>SCORPIO XL</td>
<td>400</td>
<td>160</td>
<td>80</td>
<td>110 V 1 PHASE</td>
<td>1 HP</td>
<td>90</td>
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</tbody>
</table>

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<thead>
<tr>
<th><strong>BetaMax PART NO.</strong></th>
<th><strong>DESCRIPTION</strong></th>
<th><strong>SPECIFICATIONS</strong></th>
<th><strong>WEIGHT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>20-43-2</td>
<td>ROLLER TOP (use w/Scaff-Trac or Trestle)</td>
<td>Use w/Scorpio Only</td>
<td>10</td>
</tr>
<tr>
<td>60-41</td>
<td>SCAF-TRAC 7’ &amp; 8’ SPACING (1200 LB. CAP)</td>
<td>use w/ALL HOISTS – Fits 7ft and 8ft scaffolding</td>
<td>150</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET</td>
<td>w/swivel clamps for use on round 2”</td>
<td>60</td>
</tr>
</tbody>
</table>

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard

NOTE: Scaffold Frame and I-Beam NOT Included. No Double Rope Kit Available

**Beta Max Scaff-Trac Hoist Mounting System**
20-43-2  ROLLER TOP
Scorpio XL only

DIMENSION - SCORPIO PLUS XL 2002 MOUNTED ON
SCAFF-TRAC
<table>
<thead>
<tr>
<th>BetaMax PART NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-33-1</td>
<td>SCORPIO XL</td>
<td>Use w/Scorpio XL Only</td>
<td>90</td>
</tr>
<tr>
<td>20-44-1</td>
<td>I-BEAM TROLLEY TOP (Fits flange of 2.66 – 5.25)</td>
<td>Use w/Scorpio XL Only</td>
<td>38</td>
</tr>
<tr>
<td>60-40</td>
<td>I-BEAM SUSPENSION BRACKETS (EACH)</td>
<td>use w/ALL HOISTS</td>
<td>29</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET</td>
<td>w/swivel clamps for use on round 2”</td>
<td>60</td>
</tr>
</tbody>
</table>

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard

NOTE: Scaffold Frame and I-Beam NOT Included. No Double Rope Kit Available

**Beta Max I-Beam Trolley Hoist Mounting System**
DIMENSION – SCORPIO PLUS XL MOUNTED ON I-BEAM
Control your work flow, schedule, and budget with the fastest, most consistent material delivery on the market with Beta Max™ high speed hoists.

**KEY FEATURES**

- Perfect for high reach, medium duty projects
- Confined and hard to reach spaces made easy with a portable hoist
- Increased jobsite safety and efficient alternative to rope & pulley systems, cranes, and forklifts
- Optional Scaff-Trac Mounting System provides a standardized and complete lifting solution engineered for easy installation every time
- Easy cable replacement (Beta Max™ provides clamps and crimp)
- Flexible I-Beam Mounting Option works with and configures to each unique job-site
- Long lasting performance with minimal maintenance required

**SAFETY FEATURES**

- Water tight connectors
- Failsafe brake holds the load securely when not lifting or lowering–loads are powered up and down, no free-falling or slipping
- Non-rotating cable helps keep loads from spinning
- Upper-limit Switch Assembly stops the hoist instantly when activated
- Sturdy electrical controller equipped with thermal overload sensing device

**INDUSTRIES SERVED**

- Scaffolding
- Demolition
- Masonry
- Restoration
- Stucco
- Construction

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www.BetamaxHoist.com

(800) 644-6478

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Rev. 05-2016
# NEW YORKER

## SPECIFICATIONS

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<tr>
<td>Lift Capacity</td>
<td>600 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
</tr>
<tr>
<td>Lift Height</td>
<td>350’</td>
</tr>
<tr>
<td>A/C Power</td>
<td>220v, 1Φ, 1.5HP</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1.5HP</td>
</tr>
<tr>
<td>Mounting Options</td>
<td>Fixed I-Beam, I-Beam Trolley, Mac-Trac, Scaff-Trac, Trestle Monorail</td>
</tr>
</tbody>
</table>

## MOUNTING OPTIONS

- Scaff-Trac
- Trestle Monorail
- Fixed I-Beam
- I-Beam Trolley

## ACCESSORIES

- Brick Fork
- Block Fork
- Scaffold Frame Fork
- Equipment Basket
- Dumpster Bucket
- Spreader Bar
- Mud Tub
- Counterweight Clamp Assembly
- Remote Control Extension
- Power Cord Extension
- Wireless Dual Control Package
- Booster Transformer

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www.BetamaxHoist.com  
(800) 644-6478
Control your work flow, schedule, and budget with the fastest, most consistent material delivery on the market with Beta Max™ high speed hoists.

**KEY FEATURES**

- Lift 600 lbs at 80 ft per minute or 1200 lbs at 40 ft per minute
- Largest 110v Beta Max™ hoist on market
- Ideal for confined and hard to reach spaces
- Safe and efficient alternative to rope & pulley systems, cranes, and forklifts
- Installs easily on existing scaffold systems, work platforms, I-Beams, and rooftop mounting options. Versatile mounting options work with and configures to each unique jobsite application
- Easy Cable Replacement (Beta Max™ provides camps and crimp)
- Long lasting performance with minimal maintenance
- Strong ROI

**SAFETY FEATURES**

- Water Tight Connectors
- Failsafe brake holds the load securely when not lifting or lowering- loads are powered up and down, no free-falling, or slipping
- Non-rotating cable helps keep loads from spinning
- Upper-limit Switch Assembly stops the hoist instantly when activated
- Sturdy Electrical Controller equipped with thermal overload sensing device

**INDUSTRIES SERVED**

- Scaffolding
- Masonry
- Demolition
- Restoration
- Construction
- Stucco

**GEMINI PLUS**

- H: 220/110ft
- Capacity: 600/1200lbs

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**SPECIFICATIONS**

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<th>Double Line</th>
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<tbody>
<tr>
<td>Lift Capacity</td>
<td>600 lbs</td>
<td>1,200 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
<td>40 fpm</td>
</tr>
<tr>
<td>Lift Height</td>
<td>220'</td>
<td>110'</td>
</tr>
<tr>
<td>A/C Power</td>
<td>110v, 1Φ or 220v, 12 amp, 1Φ</td>
<td>110v, 1Φ or 220v, 12 amp, 1Φ</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1.5HP</td>
<td></td>
</tr>
</tbody>
</table>

**Mounting Options**
- Scaff-Trac, Trestle Monorail, I-Beam and Fixed I-Beam

**MOUNTING OPTIONS**

- Scaff-Trac
- Trestle Monorail
- Fixed I-Beam
- I-Beam Trolley

**ACCESSORIES**
- Brick Fork
- Block Fork
- Scaffold Frame Fork
- Equipment Basket
- Dumpster Bucket
- Spreader Bar
- Mud Tub
- Double Rope Kit
- Counterweight Clamp Assembly
- Remote Control Extension
- Power Cord Extension
- Wireless Dual Control Package
- Booster Transformer

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(800) 644-6478
<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>MODEL</th>
<th>LIFT CAP. (LBS.)</th>
<th>LIFT HT. (FT.)</th>
<th>SPEED (FPM)</th>
<th>AC POWER (PHASE)</th>
<th>MOTOR HP</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-11</td>
<td>GEMINI PLUS 110V</td>
<td>600</td>
<td>220</td>
<td>80</td>
<td>110 V 1 PHASE</td>
<td>1.5 HP</td>
<td>174</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1200*</td>
<td>110*</td>
<td>40*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50-8</td>
<td>GEMINI PLUS 220V</td>
<td>600</td>
<td>220</td>
<td>80</td>
<td>220 V 1 PHASE</td>
<td>1.5 HP</td>
<td>176</td>
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<tr>
<td></td>
<td></td>
<td>1200*</td>
<td>110*</td>
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<thead>
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<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>SHIPPING WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>60-25</td>
<td>I-BEAM TROLLEY TOP w/ lower wheel assembly</td>
<td>use with GEMINI/NEW YORKER/LEO</td>
<td>50</td>
</tr>
<tr>
<td>60-40</td>
<td>I-BEAM SUSPENSION BRACKETS (EACH)</td>
<td>use w/ALL HOISTS</td>
<td>29</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET</td>
<td>w/swivel clamps for use on round 2”</td>
<td>60</td>
</tr>
</tbody>
</table>

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard
NOTE: Scaffold Frame NOT Included
* Requires Double Rope Kit (BM Part # 70-9)
DIMENSION – GEMINI 110V/220V TROLLEY TOP MOUNTED ON I-BEAM
DIMENSION – GEMINI 110V/220V FIXED MOUNTED ON I-BEAM
<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>MODEL</th>
<th>LIFT CAP. (LBS.)</th>
<th>LIFT HT. (FT.)</th>
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<td>GEMINI PLUS 220V</td>
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<td>220</td>
<td>80</td>
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</tr>
</thead>
<tbody>
<tr>
<td>50-7</td>
<td>ROLLER TOP (use w/Scaff-Trac or Trestle)</td>
<td>use with GEMINI/NEW YORKER/LEO</td>
<td>18</td>
</tr>
<tr>
<td>60-41</td>
<td>SCAFF-TRAC 7’ &amp; 8’ SPACING (1200 LB. CAP)</td>
<td>use w/ALL HOISTS – Fits 7ft and 8ft scaffolding</td>
<td>150</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET</td>
<td>w/swivel clamps for use on round 2”</td>
<td>60</td>
</tr>
</tbody>
</table>

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard NOTE: Scaffold Frame NOT Included. * Requires Double Rope Kit (BM Part # 70-9)
50-7 ROLLER TOP (use w/Scaff-Trac or Trestle)

DIMENSION – GEMINI 110V/220V ROLLER TOP MOUNTED ON SCAFF_TRAC
Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard NOTE: Scaffold Frame NOT Included. * Requires Double Rope Kit (BM Part # 70-9)

<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>MODEL</th>
<th>LIFT CAP. (LBS.)</th>
<th>LIFT HT. (FT.)</th>
<th>SPEED (FPM)</th>
<th>AC POWER (PHASE)</th>
<th>MOTOR HP</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-11</td>
<td>GEMINI PLUS 110V</td>
<td>600 1200*</td>
<td>220 110*</td>
<td>80 40*</td>
<td>110 V 1 PHASE</td>
<td>1.5 HP</td>
<td>174</td>
</tr>
<tr>
<td>50-8</td>
<td>GEMINI PLUS 220V</td>
<td>600 1200*</td>
<td>220 110*</td>
<td>80 40*</td>
<td>220 V 1 PHASE</td>
<td>1.5 HP</td>
<td>176</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-7</td>
<td>ROLLER TOP (use w/Scaff-Trac or Trestle)</td>
<td>use with GEMINI/NEW YORKER/leo</td>
<td>18</td>
</tr>
<tr>
<td>60-41</td>
<td>SCAF-TRAC 7’ &amp; 8’ SPACING (1200 L.B. CAP)</td>
<td>use w/ALL HOISTS – Fits 7ft and 8ft scaffolding</td>
<td>150</td>
</tr>
<tr>
<td>60-33</td>
<td>TRESTLE/MONORAIL KIT add to 60-41 to make complete Trestle/Monorail for 1200 lbs. capacity</td>
<td>use w/NEW VERSION SCAFF-TRAC</td>
<td>180</td>
</tr>
<tr>
<td>60-29</td>
<td>COUNTERWEIGHT CLAMP SET w/square clamps for use on square 2.5”</td>
<td></td>
<td>66</td>
</tr>
</tbody>
</table>
DIMENSION – GEMINI 110V/220V ROLLER TOP MOUNTED ON TRESTLE
DIMENSION – GEMINI 110V/220V ROLLER TOP MOUNTED ON TRESTLE
Control your work flow, schedule, and budget with the fastest, most consistent material delivery on the market with Beta Max™ high speed hoists

**KEY FEATURES**

- Ideal for heavy-duty, high lift projects
- Long lasting performance with minimum maintenance required
- Confined and hard to reach spaces made easy with a portable hoist
- Safe and efficient alternative to rope & pulley systems, cranes, and forklifts
- Installs easily on existing scaffold systems, work platforms, I-Beams, and rooftop mounting options
- Easy Cable Replacement (Beta Max™ provides clamps and crimp)
- Optional Scaff-Trac Mounting System provides a standardized and complete lifting solution engineered for easy installation every time

**SAFETY FEATURES**

- Water Tight Connectors
- Failsafe brake holds the load securely when not lifting or lowering- loads are powered up and down, no free-falling or slipping
- Non-rotating cable helps keeps loads from spinning
- Upper-limit Switch Assembly stops the hoist instantly when activated
- Sturdy Electrical Controller equipped with thermal overload sensing device

**INDUSTRIES SERVED**

- Scaffolding • Masonry • Stucco
- Glazing • Demolition • Restoration • Construction

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com • (800) 644-6478

*All Beta Max Hoist Systems meet or exceed ANSI & OSHA specifications. This information is intended to be informative only, and does not constitute a representation or warranty with regard to Beta Max Hoists or any products or services provided. Prices and information are subject to change. Some or all of the renderings in these materials may vary from the actual hoists.
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Set Up</th>
<th>Single Line</th>
<th>Double Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>1,000 lbs</td>
<td>2,000 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
<td>40 fpm</td>
</tr>
<tr>
<td>LEO Lift Height</td>
<td>220'</td>
<td>110'</td>
</tr>
<tr>
<td>LEO XXL Lift Height</td>
<td>400'</td>
<td>200'</td>
</tr>
<tr>
<td>A/C Power</td>
<td>Leo 220v, 1Φ or Leo XXL 220v, 3Φ</td>
<td></td>
</tr>
<tr>
<td>Horsepower</td>
<td>1 Phase: 2HP or 3 Phase: 3.3 HP</td>
<td></td>
</tr>
<tr>
<td>Mounting Options</td>
<td>Fixed I-Beam, I-Beam Trolley, Scaff-Trac and Trestle Monorail</td>
<td></td>
</tr>
</tbody>
</table>

### MOUNTING OPTIONS

- Scaff-Trac
- Trestle Monorail
- Fixed I-Beam
- I-Beam Trolley

### ACCESSORIES

- Brick Fork
- Block Fork
- Scaffold Frame Fork
- Equipment Basket
- Dumpster Bucket
- Spreader Bar
- Mud Tub
- Double Rope Kit
- Counterweight Clamp Assembly
- Remote Control Extension
- Power Cord Extension
- Wireless Dual Control Package
- Booster Transformer

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(800) 644-6478
### Beta Max I-Beam Trolley Hoist Mounting System

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard. NOTE: Scaffold Frame NOT Included. * Requires Double Rope Kit (BM Part # 70-2)

<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>MODEL</th>
<th>LIFT CAP. (LBS.)</th>
<th>LIFT HT. (FT.)</th>
<th>SPEED (FPM)</th>
<th>AC POWER (PHASE)</th>
<th>MOTOR HP</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-40</td>
<td>LEO</td>
<td>1000</td>
<td>220</td>
<td>80</td>
<td>220 V 1 PHASE</td>
<td>2 HP</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2000*</td>
<td>110*</td>
<td>40*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50-25</td>
<td>LEO XXL</td>
<td>1000</td>
<td>400</td>
<td>80</td>
<td>220 V 3 PHASE</td>
<td>3.3 HP</td>
<td>210</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2000*</td>
<td>200*</td>
<td>40*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-25</td>
<td>I-BEAM TROLLEY TOP w/ lower wheel assembly</td>
<td>use with GEMINI/NEW YORKER/LEO</td>
<td>50</td>
</tr>
<tr>
<td>60-40</td>
<td>I-BEAM SUSPENSION BRACKETS (EACH)</td>
<td>use w/ALL HOISTS</td>
<td>29</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET w/swivel clamps for use on round 2”</td>
<td></td>
<td>60</td>
</tr>
</tbody>
</table>
DIMENSION – LEO 220V/3PH TROLLEY TOP MOUNTED ON I-BEAM
Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard NOTE: Scaffold Frame NOT Included.

Beta Max Scaff-Trac Hoist Mounting System

### Specifications

<table>
<thead>
<tr>
<th>BETA MAX PART NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-7</td>
<td>ROLLER TOP</td>
<td>use with GEMINI/NEW YORKER/LEO</td>
<td>18</td>
</tr>
<tr>
<td>60-41</td>
<td>SCAF-TRAC 7’ &amp; 8’ SPACING (1200 LB. CAP)</td>
<td>use w/ALL HOISTS – Fits 7ft and 8ft scaffolding</td>
<td>150</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET</td>
<td>w/swivel clamps for use on round 2”</td>
<td>60</td>
</tr>
</tbody>
</table>

50-40 or 50-25

60-41

Includes 2 Saddles

50-7

60-1

SCAFF-TRAC SINGLE LINE CAPACITY ONLY WITH LEO HOIST
DIMENSION – LEO 220V/3PH ROLLER TOP MOUNTED ON SCAFF_TRAC

| 50-7 | ROLLER TOP  
(use w/Scaff-Trac or Trestle) |
<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-7</td>
<td>ROLLER TOP  (use w/Scaff-Trac or Trestle)</td>
<td>use with GEMINI/NEW YORKER/LEO</td>
<td>18</td>
</tr>
<tr>
<td>60-41</td>
<td>SCAF-TRAC 7’ &amp; 8’ SPACING (1200 L.B. CAP)</td>
<td>use w/ALL HOISTS – Fits 7ft and 8ft scaffolding</td>
<td>150</td>
</tr>
<tr>
<td>60-33</td>
<td>TRESTLE/MONORAIL KIT</td>
<td>use w/NEW VERSION SCAFF-TRAC</td>
<td>180</td>
</tr>
<tr>
<td>60-23</td>
<td>TRESTLE/MONORAIL SUPPORT BRACKET</td>
<td>EXTRA SUPPORT BRACKET TO COMPLETE 2000 L.B. CAP. TRESTLE/MONORAIL</td>
<td>32</td>
</tr>
<tr>
<td>60-29</td>
<td>COUNTERWEIGHT CLAMP</td>
<td>w/square clamps for use on square 2.5”</td>
<td>66</td>
</tr>
</tbody>
</table>

Every Beta Max Hoist comes with wire rope and 6FT Pendant Control Standard NOTE: Scaffold Frame NOT included. * Requires Double Rope Kit (BM Part # 70-2)
50-7
ROLLER TOP
(use w/Scaff-Trac or Trestle)

DIMENSION – LEO 220V/3PH ROLLER TOP MOUNTED ON TRESTLE MONORAIL
Control your work flow, schedule, and budget with the fastest, most consistent material delivery on the market with Beta Max™ high speed hoists

**KEY FEATURES**

- Ideal for precision placement of delicate materials
- Confined and hard to reach spaces made easy with a portable hoist
- Variable Frequency Drive allows for smooth acceleration and deceleration of hoist from 10ft per second up to 80ft per minute
- VFD follows Three Phase motor to operate on Single Phase Power
- Pick and place load without re-rigging
- Optional Scaff-Trac Mounting System provides a standardized and complete lifting solution engineered for easy installation every time
- Flexible I-Beam Mounting Option works with and configures to each unique job-site

**SAFETY FEATURES**

- Water Tight Connectors
- Easy Cable Replacement (Beta Max™ provides clamps and crimps)
- Failsafe brake holds the load securely when not lifting or lowering - loads are powered up and down, no free-falling or slipping
- Non-rotating cable helps keeps loads from spinning
- Upper-limit Switch Assembly stops the hoist instantly when activated
- Sturdy Electrical Controller equipped with thermal overload sensing device

**INDUSTRIES SERVED**

- Scaffolding
- Masonry
- Stucco
- Glazing
- Demolition
- Restoration
- Construction

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

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(800) 644-6478

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# LEO XXL VFD Specifications

<table>
<thead>
<tr>
<th>Set Up</th>
<th>Single Line</th>
<th>Double Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>1,000 lbs</td>
<td>2,000 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
<td>40 fpm</td>
</tr>
<tr>
<td>LEO XXL Lift Height</td>
<td>400'</td>
<td>200'</td>
</tr>
<tr>
<td>A/C Power</td>
<td>220V 1-Phase 30amp and 208V 3-Phase 30amp</td>
<td>3 Phase: 3.3 HP</td>
</tr>
<tr>
<td>Horsepower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mounting Options</td>
<td>Scaff-Trac, Trestle Monorail, I-Beam and Fixed I-Beam</td>
<td></td>
</tr>
</tbody>
</table>

## Mounting Options

- Scaff-Trac
- Trestle Monorail
- Fixed I-Beam
- I-Beam Trolley

## Accessories

- Brick Fork
- Block Fork
- Scaffold Frame Fork
- Equipment Basket
- Dumpster Bucket
- Spreader Bar
- Mud Tub
- Double Rope Kit
- Counterweight Clamp Assembly
- Remote Control Extension
- Power Cord Extension
- Wireless Dual Control Package
- Booster Transformer

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com  (800) 644-6478
### BETA MAX Part No.

<table>
<thead>
<tr>
<th><strong>MODEL</strong></th>
<th><strong>LIFT CAP. (LBS.)</strong></th>
<th><strong>LIFT HT. (FT.)</strong></th>
<th><strong>SPEED (FPM)</strong></th>
<th><strong>AC POWER (PHASE)</strong></th>
<th><strong>MOTOR HP</strong></th>
<th><strong>WEIGHT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>50-58</td>
<td>LEO XXL VFD WIRED</td>
<td>1000</td>
<td>400</td>
<td>Variable Speed</td>
<td>220 V</td>
<td>3.3 HP</td>
</tr>
<tr>
<td></td>
<td>(50-20-2)</td>
<td>2000*</td>
<td>200*</td>
<td></td>
<td>1 or 3 PHASE</td>
<td></td>
</tr>
<tr>
<td>50-58A</td>
<td>LEO XXL VFD WIRELESS (50-20-3)</td>
<td>1000</td>
<td>400</td>
<td>Variable Speed</td>
<td>220 V</td>
<td>3.3 HP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2000*</td>
<td>200*</td>
<td></td>
<td>1 or 3 PHASE</td>
<td></td>
</tr>
</tbody>
</table>

### BETA MAX Part No.

<table>
<thead>
<tr>
<th><strong>DESCRIPTION</strong></th>
<th><strong>SPECIFICATIONS</strong></th>
<th><strong>WEIGHT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>60-25</td>
<td>I-BEAM TROLLEY TOP w/ lower wheel assembly</td>
<td>use with GEMINI/NEW YORKER/LEO</td>
</tr>
<tr>
<td>60-40</td>
<td>I-BEAM SUSPENSION BRACKETS (EACH)</td>
<td>use w/ALL HOISTS</td>
</tr>
<tr>
<td>60-1</td>
<td>COUNTERWEIGHT CLAMP SET w/swivel clamps for use on round 2&quot;</td>
<td>60</td>
</tr>
</tbody>
</table>

---

Every Beta Max VFD Hoist comes with wire rope and 20FT Pendant Control Standard. NOTE: Scaffold Frame NOT Included.

* Capacity with Double Rope Kit

---

**Beta Max I-Beam Trolley Hoist Mounting System**
The Beta Max Leo XXL Hoist is our largest capacity portable hoist designed for heavy duty long lifts.

Two programmed speed sets are standard but, additional speed setting are available. The standard slow speed is 8 ft. per minute, for toggling materials into place and precision placement. The second set will smoothly graduate up to 80 ft. per minute, for quicker movement between floors.

The hoist is available with an extra long drum that allows for 400 ft. of operational lifting height.

When the hoist is used on a single line it has a 1000 lb. capacity. The double rope kit that when installed, increases the hoist's lifting capacity to 2000 lbs.

Two hand held wireless controllers compliment this powerful tool by creating wireless freedom from long cumbersome pendant cords. This allows the worker waiting to receive/place the panel to have control of the hoist and the payload.

<table>
<thead>
<tr>
<th>LEO XXLVFD</th>
<th>Single Line</th>
<th>Double Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payload</td>
<td>1000 lbs</td>
<td>2000 lbs</td>
</tr>
<tr>
<td>Height XXL</td>
<td>400'</td>
<td>200'</td>
</tr>
<tr>
<td>Speed</td>
<td>80 fpm</td>
<td>40 fpm</td>
</tr>
<tr>
<td>Power</td>
<td>220V, 3Φ OR 220V, 1Φ</td>
<td></td>
</tr>
</tbody>
</table>
Glass Installation on the Job Site

800-233-5112  www.BetaMaxHoist.com
Beta Max Provides Global Glazing Contractor with Specialty Hoists for WTC Towers in New York

Industry Leader Beta Max delivers lifting solutions by providing the Leo Variable Frequency Drive Hoist to global Seattle based company, Benson LTD, for installation of glass and curtain wall panels on the World Trade Center Tower 4 and the Freedom Tower in New York. The hoists are currently installing glass panels on The WTC Tower 4 and will soon be used to install glass panels on the last remaining floors of Tower 1.

Beta Max’s specialty hoist, the Leo VFD Series, provides a smooth controlled acceleration and deceleration that is instrumental for precision placement of larger more delicate materials such as glass, unitized curtain wall, cladding, solar panels, marble, granite, large stones, architectural panels and exterior finish system (EFS). It has all the capabilities of the Standard Leo hoist but has a variable speed controller and two wireless handheld remotes. The Leo VFD hoist system enables you to have multiple rigging options that is less expensive than traditional methods and it’s more productive by installing more panels in less time.

4 World Trade Center is a skyscraper under construction as part of the new World Trade Center in New York City at 150 Greenwich Street on the east side of Greenwich Street, across from the original location of the Twin Towers that were destroyed during the September 11, 2001 attacks.

1 World Trade Center is the main building of the new World Trade Center under construction in Lower Manhattan in New York City, USA. The tower is suppose to be 417 m to the roof of the building (about the same height as the former World Trade Center Twin Towers) and 541.3 m tall to the tip.

These New World Trade Center Towers in Lower Manhattan are currently having the glass panels installed with state of the art lifting equipment from national industry giant Beta Max Hoists. Please contact Ken Barrett at 321-956-9388 direct, 321-482-6612 cell or goto http://betamaxhoist.thomaswebs.net/new-hoist-products.html
World Trade Center Tower 4 and 1 Project
Corner to Corner Parallel to the Building
**POST MOUNT**
Capacity: 400lbs | 60-53

**KEY FEATURES**

- Perfect for light weight, smaller projects in confined spaces
- Easy power options on job-site
- Runs on 110v power, 2.5ft. cantilever for reach off of the scaffold frame
- Material delivery made easy with mount engineered to pivot 180° allowing for convenient unloading at work level
- Installs easily on existing standard scaffolding with no special tools required
- Adjustable turnbuckle for easy leveling
- Counterweight Clamp Assembly helps balance overall weight distribution, installs easily and accommodates your weights
- All Beta Max Mounting Systems can be tailored to your job-site specifications

**COMPONENT LIST**

- Scorpio Plus XL: **50-33-1**
- Scorpio Plus Post Mount: **60-53**
- Counter Weight Clamp Assy: **60-1**

**COMPATIBLE HOISTS**

- Scorpio Plus XL (Post Mount Only)

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

[www.BetamaxHoist.com](http://www.BetamaxHoist.com)  (800) 644-6478

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Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com

(800) 644-6478
**KEY FEATURES**

- Complete scaffold lifting solution engineered for easy installation every time. No special tools required

- Optional extensions provide unlimited system length for ease of material delivery through multiple scaffold bays

- Materials are always within easy reach with a 3.5' cantilever for 7' spaced scaffolding and 2.5' cantilever on 8' spaced scaffolding

- Customize this mounting system for use on mast climbing platforms

- All Beta Max Mounting Systems can be tailored to your job-site specifications

- Special saddles are available for mounting to continuous climbing scaffolding

- 11.5ft long Monorail gives you the ability to roll materials inside scaffolding bay for added accessibility of material delivery.

- Counterweight Clamp Assembly installs easily, accommodates standard 50 lb. staging weights and provides complete system counterbalance

**COMPONENT LIST**

- Saddle: **60-44**

- Short Pin Assembly: **40-54**

- Long Pin Assembly: **40-55**

- Counter Weight Clamp Assy.: **60-1**

- Scaff-Trac: **60-41**

**COMPATIBLE HOISTS**

- Scorpio Plus XL

- Gemini Plus

- New Yorker

- Leo & Leo XXL (single line only)

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Rev. 05-2016
• Designed to be used with our roller top

• Can be used with any of the following Beta Max portable hoists: Scorpio Plus XL, New Yorker, Gemini Plus, Leo/Leo XXL and Leo VFD
### SCAFF-TRAC MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Weight of Unit</th>
<th>Extensible</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-4* (Basic 7')</td>
<td>1200 lbs.</td>
<td>155 lbs.</td>
<td>yes</td>
</tr>
<tr>
<td>60-41 (Special 8')</td>
<td>1200 lbs.</td>
<td>155 lbs.</td>
<td>no</td>
</tr>
<tr>
<td>60-11 (Ext)</td>
<td>1200 lbs.</td>
<td>85 lbs.</td>
<td>yes</td>
</tr>
</tbody>
</table>

*Adaptable to Trestle Monorail System

A special Scaff-Trac (60-43) modified with square saddles to fit onto Non-Stop Adjustable Scaffold is also available with capacities similar to model 60-4 above.

**Note:** Scaffolding frames should always be securely pinned together, anchored to the building face and counter-balanced appropriately. Check Scaffolding Industry Association guidelines for more details.

www.betamaxhoist.com
I-BEAM: FIXED & TROLLEY
Capacity: 2000lbs

KEY FEATURES

FIXED I-BEAM
- Fixed I-Beam option firmly holds the hoist stationery. Perfect for moving materials in confined spaces like the interior of scaffolding or an elevator shaft
- Fixed I-Beam top is compatible with I-Beams with a flange width of 2.66’-5.25’

I-BEAM TROLLEY
- Material delivery made easy with I-Beam Trolley that moves along the full length of the beam
- Customize forward and backward cantilever to your unique job site requirements
- Adjustable Flange Widths of 2.66’-8.5’ allows Trolley to attach to standard I-Beams allowing for easy installation on any jobsite
- Perfect for heavy duty projects
- Suspension Brackets allow you to install your own I-Beam to existing scaffolding anywhere on the jobsite
- Counterweight Clamp Assembly helps balance overall weight distribution, installs easily and accommodates your weights
- All Beta Max mounting systems can be tailored to your jobsite specifications

COMPONENT LIST
- Suspension Brackets: 60-40 (fits up to 6.25 in flange width)
- Fixed Top: 60-8
- Trolley Top: 60-25
- Counter Weight Clamp Assy. 60-1
- Scorpio Trolley: 20-44-1 (fits up to 6.5 in flange width)

COMPATIBLE HOISTS
- Scorpio Plus XL
- Gemini Plus
- New Yorker
- Leo & Leo XXL

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.
www.BetamaxHoist.com (800) 644-6478

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Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com  (800) 644-6478
KEY FEATURES

- Trestle Monorail is a free-standing A-Frame that is ideal for jobsites where scaffolding is not available
- Installs easily between floors and on rooftops with no special tools needed
- All Beta Max Mounting Systems can be tailored to your jobsite specifications
- Can be customized for use on mast climbing platforms
- Counterweight Clamp Assembly installs easily, accommodate standard 50 lb. Staging weights and provides complete system counterbalance

COMPONENT LIST

- Uprights: 30-76
- Scaff/Trestle: 60-41
- Trac Mounting Pins: 40-54
- Braces: 30-77
- Counter Weight Clamp Assembly: 60-29
- Support Bracket (for 2000lb capacity): 60-23

COMPATIBLE HOISTS

- Scorpio Plus XL
- New Yorker
- Gemini Plus
- Leo & Leo XXL

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Part Number: 60-22  Capacity: 1200lbs
Part Number: 60-32 Capacity: 2000lbs

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www.BetamaxHoist.com  (800) 644-6478
The Trestle Monorail is the Universal Mounting System for all Beta Max Portable Hoists. This system is ideal for mounting on a flat roof or an intermediate floor. The system allows a 3.5 ft. cantilever. Two people can assemble the system in minutes.

**TRESTLE MONORAIL ANCHORING METHODS**

*Whatever method you use, additional tie-back ropes should always be in place to secure the system.*

**Trestle Ceiling Brace:** Recommended when the trestle will be installed on an intermediate floor of a building with a rigid structural ceiling above the trestle. The trestle monorail is stabilized by the brace that locks the rear of the trestle between the ceiling and floor on which the system is mounted. After the trestle is assembled and placed in the desired location the jack is bolted to the top of the inboard end of the monorail. The jack must be in firm contact with the ceiling structure.

**Floor Tie Down Clamps:** Recommended for permanent applications. The clamps attach to the inboard legs of the trestle and allow the system to be anchored by chains or wire rope.

**Ballasting:** A counterbalance system employing two rigid metal containers *(each with a capacity of 9.5 cubic feet)* bolted to the inboard legs of the trestle. The weight of the material in the ballast containers counterbalances the combined weight of the load and the hoist at the outboard end of the trestle. Ballast material must conform to certain requirements. Bricks, solid concrete blocks, stone or other high density non-flowable material is suggested.

**Counterweighting:** This method uses counterweight clamps which come complete with mounting hardware and attach securely to the inboard legs of the trestle. This method lets you make use of the flat steel counterweight commonly used for roof outriggers. Standard 50 lb. counterweights slide down over the 27" upright.
<table>
<thead>
<tr>
<th>Item</th>
<th>Part No</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>30-76</td>
<td>Uprights</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>60-4</td>
<td>Scaff/Trestle Trac</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>10-63</td>
<td>Track Mounting Pins with Keepers</td>
<td>4</td>
</tr>
<tr>
<td>D</td>
<td>30-77</td>
<td>Braces</td>
<td>4</td>
</tr>
<tr>
<td>E</td>
<td>590</td>
<td>Cap Screws</td>
<td>2</td>
</tr>
<tr>
<td>*F</td>
<td>790</td>
<td>Cap Screws and Nuts - 1200 &amp; 2000 lb. systems</td>
<td>4/6</td>
</tr>
<tr>
<td>*G</td>
<td>30-75</td>
<td>Cantilever Brace Bracket</td>
<td>1</td>
</tr>
<tr>
<td>*H</td>
<td>707</td>
<td>Cap Screws</td>
<td>2</td>
</tr>
<tr>
<td>*I</td>
<td>30-74</td>
<td>Cantilever Braces</td>
<td></td>
</tr>
<tr>
<td>*J</td>
<td>606</td>
<td>Cap Screws and Nuts</td>
<td>2</td>
</tr>
<tr>
<td>K</td>
<td>10-64</td>
<td>Hoist Stop Pin with Keeper</td>
<td>1</td>
</tr>
<tr>
<td>L</td>
<td>30-5</td>
<td>Saddle - for use with frame scaffold only</td>
<td>2</td>
</tr>
</tbody>
</table>

*Required for 2000 lb. system
Variety of Rigging Options

Hydro Mobile Beta Max
1000 lb electric hoist

Quick and Easy installation on Hydro Mobile P, F and E Series

• Hoist of choice for heavy-duty, high lift projects
• Lasting performance with minimum maintenance required
• Confined and hard to reach spaces made easy with a portable hoist
• Maximum safety and efficient alternative to rope & pulley systems, cranes, and forklifts
• Installs easily on existing scaffold systems, work platforms, I-beams, and rooftop mounting options
• Control your work flow, schedule and budget with the most efficient and safe material delivery to any work level
• Get material up at a faster rate of speed (80fpm)
• Be more productive on a mast climbing work platform and consistently have material accessible
• Reduces significant downtimes that are costly to contractors

Ability to have 7' and 8' cantilever with a Rolling Roof Rig.

Attach to mast climbers for getting material up and down quicker and more efficiently.

HYDRO MOBILE
MAST-CLIMBING WORK PLATFORMS
For more information, visit our website at: www.hydro-mobile.com

800-233-5112 www.BetaMaxHoist.com
Variety of Rigging Options

Make long runs and cantilever out to desirable lengths.

Rigging on casters for the top of buildings on between floors for ease of movement, no rerigging.
Attached to Floor Joist Parallel to the Building

Compliments of Trainor Glass

Compliments of Benson Global
Swing Stage and Beta Max

Finding Customers Wire Rope Mounting Options Maxial Hoist Dealer ROI Service

Compliments of Designed Equipment
Swing Stage and Beta Max
Swing Stage and Beta Max

Compliments of Designed Equipment
KEY FEATURES

- Hoist of choice for expedited Scaffold Erection & Dismantlement for over 20 years
- More efficient use of man power, resulting in less worker fatigue and significant increase in jobsite safety
- Perfect job-site partner for Industrial Boiler Maintenance - Engineered to fit easily through boiler access ports for system scaffold E&D
- Narrow Track System option available for Boiler Access Ports less than 24" wide
- Multi-purpose carrier basket solution delivers materials to the job level after scaffold is in place
- Durable lightweight design that is easy to transport and install with no tools required
- Standard and narrow track systems available
- Customized operational heights available
- Long lasting performance with minimal maintenance required

INDUSTRIES SERVED

- Scaffolding
- Construction
- Industrial Service Applications
- Power Plants

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com  (800) 644-6478

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Rev. 05-2016
## MAXIAL

**Height**: Up to 250ft  
**Capacity**: 450lbs

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Set Up</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>450 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
</tr>
<tr>
<td>Lift Height*</td>
<td>Up to 250ft</td>
</tr>
<tr>
<td>Wire Rope Length</td>
<td>250 ft (1/4&quot; GAC) or 350 ft (3/16&quot; GAC)</td>
</tr>
</tbody>
</table>
| A/C Power       | 110v, 20 amp, 1Φ  
|                 | Optional 220v Available |
| Track Width     | 24" Standard or 15" Narrow |

### MAXIAL BASKET OPTIONS

- **Systems Scaffold Carrier “XL”**
  - 28” x 22.5” x 72” H
  - (Fully Assembled)

- **Frame Scaffold Carrier**
  - 66” x 20” x 74”H

- **Universal Platform**
  - 32” x 24” x 64.25H

---

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.  
www.BetamaxHoist.com  
(800) 644-6478
SCAFFOLD HOIST FOR THE ERECTION AND DISMANTLE OF SCAFFOLD

Maxial Scaffold Hoist
Scaffold Erection & Dismantle

Track & Basket

BETAMAX
800-233-5112 Betamaxhoist.com

BETAMAX
Betamaxhoist.com

ELIMINATE THE DAISY CHAIN!
INCREASE WORKER SAFETY
BETTER ALOCATE LABOR
REDUCE WORKER FATIGUE
INCREASE PRODUCTIVITY
Industrial Applications

Boiler Room - Power Plant
Increase Profits While Decreasing Labor Costs & Ensuring Workers Safety

Bridges – Use Multiple Maxials For Increased Production & Complete More Projects Per Year
Increase Safety & Better Allocate Labor
Hoist Information

What will your maximum operational load / offload **height** be? ________________

What variety of Materials will you be lifting? ________________

Will you want to lift just material or both man & material? ________________

What is your max weight capacity you are looking to lift? ________________

How many levels Landings will you be servicing? ________________

What is the heaviest single item you are lifting? ________________

Structure Information

Is the structure commercial / residential ______ or industrial / manufacturing ______?

Will you need to install in the interior ______ or exterior ______ of the structure?

Is there a defined exterior footprint area ______ or internal shaft way ______ size restriction?

Will you be anchoring to the main structure ______ or scaffolding ______?

Will you need to go the roof level? Yes ______ / No ______?

If going to roof level is there Parapet Wall? Yes ______ / No ______ Height ______?

Will you be attaching to a new structure ______ or an existing structure ______?

If attaching to the main structure is it standard floor slab ______ or industrial steel beam?

If attaching to the main structure is there an exterior skin / veneer ______?

If attaching to the main structure is the exterior skin / veneer removable ______?

If needed can you drill through the veneer to get to the floor slab attachment point ______?

What is the height of the floors joists? ________________ (To help determine number of tie ins)

Drawings for the building? (we will want to look at them to avoid any obstacles or issues)

Jobsite Information

Expected Project Start Date ________________ Hoist needed onsite? ______

Have you been awarded the project ______ or are you Bid more ______ on this project?

Is it a Public ______ or Private ______ Bid?

When is the bid due ______?

Do you know how many may be bidding on this project? ______

Rental period: From ______ To ______? Expected number of month’s ______?

Will you need to move the hoist to different locations on the job site during the project ______?

Do you have prior experience with installation ______ / operation ______ / removal of a R&P hoist?

Will you require a Tech Supervisor to assist with install ______ ______ or a full Turn Key ______ install?

Will the Job Site be: Union ______ / Private ______ / Govmnt ______ / Military ______ / Open Shop ______?

We provide you with the following report/information to supply the engineer:

1. Wall Ties to anchor to the structure within every 20ft.
2. Drawing of the wall ties to the building.
3. Pull Out & Shear Forces that the structure you are attaching to will need to accommodate
4. Concrete support pad surface dims.
5. Downward Dynamic load forces the hoist will exerted on your installed concrete pad.

For additional help or assistance with your Rack & Pinion or Industrial Project or General Lifting Solutions please contact: **Ken Barrett** at 321-499-4574 Direct or 321-482-6612 Cell.

**ADDITIONAL NOTES:** __________________________________________________________
**MAX CLIMBER 1000MB**

**MATERIAL HOIST**

**H 400ft  W 1000lbs**

---

**SAFETY FEATURES**

- **Upper, Lower and Intermediate Floor Stop** switches integrated into system
- **Manual brake release lever** in case of **power interruption during use**
- **Failsafe brake holds the load securely** when not lifting or lowering loads
- **Sensors detect** when basket is in load or unload mode and hoist will not operate
- Removable overhead protection **keep workers safe during load and unload**
- **UL and CUL Listed Enclosed Panels** for both the US and Canada

---

**HOIST FEATURES**

- **Small footprint** fits perfectly in the most rugged and confined spaces
- **Fold down ramp** allow materials to be loaded and unloaded without double and triple handling
- **Dedicated cargo carriage engineered to pivot 90°** to face structure or deck for ease of loading or unloading materials
- **Scaffold erection and dismantlement made easy** with this material hoist
- Installation efficiency ensured with **self erecting feature** - NO crane required
- **Optional VFD controller** allows for both single and three phase operation
- **Can attach to scaffolding or anchor directly to the building**
- **Can be engineered for custom job site application**

---

**INDUSTRIES SERVED**

*Commercial: Construction, Demolition, Masonry, Restoration, Scaffold*

*Industrial: Cement plants, Paper mills, Power plants, Petro-chemical plants, Storage silos*

---

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### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Set Up</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>1000 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
</tr>
<tr>
<td>Maximum Anchored Height</td>
<td>400’</td>
</tr>
<tr>
<td>Anchoring Distance</td>
<td>Every 20 ft</td>
</tr>
<tr>
<td>Base System Footprint</td>
<td>64”x64”</td>
</tr>
<tr>
<td>Mast Sections</td>
<td>75lbs per 5ft section</td>
</tr>
</tbody>
</table>
| A/C Power                      | Standard Controller: 220v, 20amp, 3 Φ  
|                                | Optional VFD Controller: 220v, 30amp, 1 Φ |

### SYSTEM CONFIGURATION

**MAX CLIMBER 1000MB**

**MATERIAL HOIST**

**H 400ft  W 1000lbs**
KEY FEATURES & BENEFITS

- Complete single phase operation
- Tandem rollers for better load distribution
- Heavy duty galvanized mast sections
- Side loading basket
- Unique open/close system for unloading ramp
- Easy access to electrical panels for maintenance
- Heavy gauge aluminum loading ramps & rugged basket floor
- Drop test facility with remote pendant
- Integrated installation platform on board material basket

SAFETY FEATURES

- Side fencing for unloading ramp for workers safety
- Certified safety brake system
- Roof enclosure to ensure workers safety

INDUSTRIES SERVED

- Scaffolding
- Masonry
- Restoration & renovation
- Glazing

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www.BetamaxHoist.com
(800) 644-6478

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### MAX CLIMBER 1000

**Key Features**

<table>
<thead>
<tr>
<th>Set Up</th>
<th>Single Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>1000 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>35 fpm</td>
</tr>
<tr>
<td>A/C Power</td>
<td>220v/1Φ</td>
</tr>
<tr>
<td>Mast Sections</td>
<td>115 lbs</td>
</tr>
<tr>
<td>Basket Dimensions</td>
<td>55” x 78.7”</td>
</tr>
<tr>
<td>Anchoring Distance</td>
<td>Every 20 ft.</td>
</tr>
</tbody>
</table>

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com                           (800) 644-6478
MAX CLIMBER 2000MB
MATERIAL HOIST

H 500ft  W 2000lbs

HOIST FEATURES

- **Small footprint** fits perfectly in the most rugged and confined spaces
- **Streamline material delivery** to job level with dedicated cargo carriage
- Installation efficiency ensured with **self erecting feature** - NO crane required
- **Three fold down ramps** allow materials to be loaded and unloaded without double and triple handling
- **Can attach to scaffolding or anchor directly to the building**
- **Fold out installation platform** guarantees faster and easier access when installing wall ties
- **Durable aluminum car wall** panels with car support frame and mast sections of hot dip galvanized steel
- **Can be engineered for custom job site application** for temporary or permanent use

SAFETY FEATURES

- **Upper, Lower and Intermediate Floor Stop** switches integrated into system
- Manual brake release lever in case of **power interruption during use**
- **Failsafe brake holds the load securely** when not lifting or lowering loads
- Removable overhead protection **keep workers safe during load and unload**
- **Sensors detect** when basket is in load or unload mode and hoist will not operate
- Fold down loading and unloading ramps **with guard rails to ensure worker safety**

INDUSTRIES SERVED

**Commercial**: Construction, Demolition, Masonry, Restoration

**Industrial**: Cement plants, Paper mills, Power plants, Petro-chemical plants, Storage silos

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Set Up</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>2000 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
</tr>
<tr>
<td>Maximum Anchored Height</td>
<td>500’</td>
</tr>
<tr>
<td>Anchoring Distance</td>
<td>Every 20 ft</td>
</tr>
<tr>
<td>Base System Footprint</td>
<td>112” x 91”</td>
</tr>
<tr>
<td>Mast Sections</td>
<td>102lbs per 5 ft section</td>
</tr>
</tbody>
</table>
| A/C Power                       | Standard Controller: 220v, 30amp, 3 Φ  
Optional Phase Converter: 220v, 60amp, 1 Φ |

**SYSTEM CONFIGURATION**

---

MAX CLIMBER 2000MB - MATERIAL HOIST

- **H**: 500ft
- **W**: 2000lbs

**MATERIAL HOIST**

H 500ft W 2000lbs
**Beta Max Hoist Systems**

**MAX CLIMBER 2000 PMB with VFD OPTION**

Small Footprint Personnel Hoist
7 passengers / 2000 lbs up to 130 ft per minute

**MC2000 PMB**

**KEY FEATURES**
- Small 8’ x 8’ Footprint fits in confined spaces
- Easier, Cost-Effective Install - self erecting (no crane required)
- Lower pull-out force - Quicker and easier tie-ins, can attach to scaffolding or anchor directly to the structure with less impact on structure
- Fold-out installation platform provides faster and easier access when installing wall ties
- 80 ft. per minute operating speed increases productivity by moving personnel & material fast to job level
- Satisfies building codes that require personnel hoists / construction elevators

**ADDITIONAL BENEFITS with VFD**

Variable Frequency Drive offers:

**EFFICIENCY**
- PROGRAMMABLE floor stops (no need for additional hardware at each floor)
- PROGRAMMABLE door locks provides various entry/exit options at individual levels
- Return to ground feature saves time by eliminating unnecessary stops

**SOFT START & STOP**
- Increases the life of motor and brake
- Protects load (ideal for fragile building materials)
- ~ 3 Second ramp time to programmed travel speed for smoother ride

**GREATER SPEED CONTROL** - Three programmable travel speeds from 98 fpm to 130 fpm

**DIGITAL DIAGNOSTICS** - Simpler troubleshooting

**MULTI-LINGUAL DISPLAY**

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetaMaxHoist.com  (800) 644-6478

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MAX CLIMBER 2000 PMB with VFD OPTION
Small Footprint Personnel Hoist
7 passengers / 2000 lbs up to 130 ft per minute

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Set Up</th>
<th>Discrete</th>
<th>VFD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>2000 lbs Personnel: up to 7 passengers</td>
<td></td>
</tr>
<tr>
<td>Lift Speed</td>
<td>80 fpm</td>
<td>up to 130 fpm</td>
</tr>
<tr>
<td>Max Anchored Height</td>
<td>Standard to 200’ / consult factory for higher working height</td>
<td></td>
</tr>
<tr>
<td>Anchoring Distance</td>
<td>Every 20 ft</td>
<td></td>
</tr>
<tr>
<td>Base System Footprint</td>
<td>93” x 95”</td>
<td></td>
</tr>
<tr>
<td>Mast Sections</td>
<td>102 lbs per 5 ft section</td>
<td></td>
</tr>
<tr>
<td>AC Power</td>
<td>208v, 3Φ 50A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>480v, 3Φ 45A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Recommended 125A Supply to base of unit)</td>
<td></td>
</tr>
</tbody>
</table>

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.
www.BetamaxHoist.com (800) 644-6478
MAX CLIMBER 2500
Material/Transport Platform VFD Model

KEY FEATURES & BENEFITS

Cost Effective and Versatile
- High Speed Hoist for about 1/3 of the cost of larger hoists
- Dual purpose - Can be used as a material hoist or transport platform
- Soft Start / Stop feature to protect payload

Much Easier to Install and Operate
- Lower pull-out force, no additional structure reinforcement needed
- Fold-Out platform for easy installation of wall ties
- Self-Erecting, no crane needed
- Small footprint fits into confined spaces (Approximate area required for hoist placement: 106" x 109")
- Unique open/close system for unloading ramp
- Easy access to electrical panels for maintenance

INDUSTRIES SERVED
- Scaffolding
- Masonry
- Restoration & Renovation
- Glazing

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<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>2500 lbs</td>
</tr>
<tr>
<td>Lift Speed</td>
<td>40 fpm and 80 fpm</td>
</tr>
<tr>
<td>A/C Power</td>
<td>1 Ø 220v / 3 Ø 208v</td>
</tr>
<tr>
<td>Basket Dimensions</td>
<td>51&quot; x 86&quot;</td>
</tr>
</tbody>
</table>

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.
www.BetamaxHoist.com (800) 644-6478
**MAX CLIMBER 4000/3000 TP**

**KEY FEATURES & BENEFITS**

- 3000lb or 4000lb lifting capacity based on configuration
- 13 ft. deck with the 3000lb configuration
- Can be installed as material only
- Small footprint
- Simple installation with easy tie-ins, minimal impact on the structure
- Ability to control the hoist from the ground, car, or the landings
- Lower voltage requirements: Common 208v / 3 Φ
- Side and / or front loading basket
- Accessibility to each floor
- Delivers personal and materials at a quick 40fpm
- Can deliver drywall or bundles of scaffold

**INDUSTRIES SERVED**

- Scaffolding
- Masonry
- Restoration & Renovation
- Glazing / Panels
- Drywall

Contact Beta Max today for local dealer information, to discuss your project, or get a quote.

www.BetamaxHoist.com (800) 644-6478

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www.BetamaxHoist.com   (800) 644-6478
Max Climber 3000 / 4000 Transport Platform & Material Hoist

MC3000 TP

3000lb Configuration

BETA MAX

Dimensions:
- Width: 165"
- Height: 88"
- Depth: 34"
MC4000 TP

8’ W x 7.33’ H x 6.92’
CONTACT INFORMATION

1895 Robert J Conlan Blvd NE
Palm Bay, FL 32905
1-800-233-5112

HOURS OF OPERATIONS: Monday – Friday 8am – 5:30pm EST

Parts: Maya Burbano – mburbano@BetaMaxHoist.com

• Direct 321-727-3737 • Fax 321-768-9517

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