HOIST FEATURES

- Hoist of choice for expedited Scaffold Erection & Dismantlement for over 20 years
- Up to 20% more efficient use of man power, resulting in less worker exhaustion or risk of injury and greater productivity
- Perfect jobsite 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 hoist 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 minimum maintenance required

SAFETY FEATURES

- Water tight Connectors
- Universal Carriage locking device
- Upper and lower stopping device keeps hoist on the track
- UL and CUL Listed Enclosed Panels for both the US and Canada

INDUSTRIES SERVED

- Scaffolding
- Construction
- Industrial Boiler Maintenance

All high speed wire rope hoists are ANSI & OSHA compliant. 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 will vary from the actual hoists.
**MAXIAL**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Set Up</th>
<th></th>
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<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>125 'or 175'</td>
</tr>
<tr>
<td>Wire Rope Length</td>
<td>250 ft (1/4&quot; GAC) /350 ft (3/16&quot; GAC)</td>
</tr>
<tr>
<td>A/C Power</td>
<td>110v, 20amp, 1 Ω. Optional 220v available</td>
</tr>
<tr>
<td>Track Width</td>
<td>24&quot; Standard, 15&quot; Narrow</td>
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</tbody>
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*Customized operational heights available. All measurements are based on a standard Maxial system.*

**MAXIAL SYSTEM COMPONENTS**

- **Baskets (easily interchanged for payload)**
- **Frame Scaffold Carrier**
  - 5'4" L x 1'6" D x 6' H
- **Universal Platform**
  - 2'6" L x 1'5" D x 3' H
- **Systems Scaffold Carrier**
  - 2' L x 1'1" D x 6' H

*All Maxial Hoist systems are customized by project operational height. Components vary.*
Maxial Scaffold Hoist
Scaffold Erection & Dismantle

Eliminate the daisy chain!
Increase worker safety
Better allocate 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
"Hidden" In Construction Hoist

Barry Tymchuk, a scaffold installer from Edmonton, will not soon forget a scaffold project he managed inside the boilers of a Canadian power plant.

Power plant boilers have to be taken off line for maintenance several times a year and the down time is expensive, costing power companies over a million dollars a day. Time is literally money during boiler plant maintenance so scaffold E&D companies hire extra workers for these projects.

Typically scaffold materials are lifted up to the work level via a human daisy chain or rope and pulley, but on this job, the scaffold company did something different.

They used two Beta Max Maxial Track Hoists to deliver equipment and supplies to the crew. Using Beta Max Hoists is safer, faster and as this crew found out, way more profitable.

The scaffold crew completed the job 30% faster than normal with a near 70% reduction in labor costs. Here’s the breakdown.

<table>
<thead>
<tr>
<th>Using Traditional Daisy Chain</th>
<th>Using 2 Beta Max Maxial Track Hoists</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 boilers on job</td>
<td>2 boilers on job</td>
</tr>
<tr>
<td>32 workers per boiler</td>
<td>16 workers per boiler</td>
</tr>
<tr>
<td>64 total workers on job</td>
<td>32 total workers on job</td>
</tr>
<tr>
<td>9 shifts to complete job</td>
<td>6 shifts to complete job</td>
</tr>
<tr>
<td>4,608 work-hours to complete job</td>
<td>1,536 work-hours to complete job</td>
</tr>
</tbody>
</table>

How to "find" $250,000 on a project

1. Save 3,072 work-hours (≈67%) and
2. Collect a bonus for finishing 36 hours early

After the nice payday on this job, the manager for this project let Beta Max know he doesn’t want others to find out about our Maxial Track hoists.

“I wish you guys (Beta Max) all the best in our market but I don’t wish our competition to see the value in these hoists. ... We want to keep that edge for ourselves for sure.”
BETAMAX, INC - MAXIAL SYSTEM COMPONENT IDENTIFICATION

- **9'-9" TRACK SECTION (90-2)** WT. 30 LBS.
- **6'-6" TRACK SECTION (90-1)** WT. 21 LBS.
- **3'-3" TRACK SECTION (90-5)** WT. 13 LBS.

- **MAXIAL TOP STOP (80-4)** WT. 12 LBS.
- **MAXIAL BOTTOM STOP (80-4)** WT. 6 LBS.
- **MAXIAL STANDARD SLIDING HEAD (80-2)** WT. 18 LBS
- **MAXIAL BASE FEET (80-1)** WT. 3 LBS.

- **MAXIAL CONTROLLER (50-40-1)** WT. 30 LBS
- **MAXIAL HOISTING MOTOR 350' (80-25-1)** WT. 166 LBS.
- **MAXIAL SYSTEM SCAFFOLD CARRIER (200-3)** WT. 96 LBS.

- **MAXIAL SCAFFOLD CLAMP (90-5)** WT. 0.8 LBS
- **MAXIAL KWIK BOLT (90-6)** WT. 0.2 LBS.
- **MAXIAL UNIVERSAL CARRIAGE (200-1)** WT. 60 LBS.
- **MAXIAL FRAME SCAFFOLD CARRIER (100-2)** WT. 114 LBS.

- **MOUNTING PIN (80-41)**
- **HITCH PIN CLIP (BZ27)**
- **3/8 SHACKLE (BZ244)** WT. 0.4 LBS.

**BETAMAX INC**
800-233-5112
P.O. BOX 2750
MELBOURNE, FL 32902
BETAMAXHOIST.COM
Beta-Max Maxial Track Hoist System

I have worked in the scaffolding industry since 1988. In the early 1990’s I was introduced to a machine that changed the entire playing field of that industry. This is my testimonial...

The Beta Max Maxial Track Hoist was demonstrated to me, a branch manager, and the owner of a small scaffolding company. I had heard of this machine through acquaintances in the industry, but had never witnessed the use of one. I was very impressed. It built very quickly and attached directly to the system scaffold that we used for the demo. The 3 of us were immediately sold, and purchased that demo model with 100’ of track. My relationship with Beta-Max started on that day. Our company quickly learned that this machine could replace the old daisy chain (man-line) of equipment from the ground to the erection point in the air.

The company made great advances in profitability, and our workload utilizing this machine. Increases in our labor revenues and our job completion time(s), made for profit margins unheard of before. Not to mention being able to generate more work for our employees. Soon we needed more track and another unit. After leaving that company, I encountered many other companies utilizing this machine. Many had multiple units and countless track sections. We would use 2, 4, or 6 machines in a boiler. The ground crew would generally consist of 5 laborers and a supervisor. The hoist crew would generally consist of 2 laborers, and 2 hoist operators. This would feed the crew above constructing the scaffold, generally 4 to 12 men including a supervisor. Crews were established according to the actual size of the scaffold to be built. Some of the boilers we constructed were well over 200 feet high, and bridges over 400’ tall. The Maxial Track hoist builds right with the scaffolding, as you go up one section at a time.

Now, there are other hoist systems. I have seen many different hoists and pulleys used to eliminate the man line (or daisy chain), but none meet the safety aspect or simplicity of the Maxial Track system. You don’t have to fuel it or have wide open area like a forklift; it uses either 120V or 240V electricity that is readily accessible on most jobsites; and it will not wear out, like a man pulling a rope and bucket. The hoist builds right with the scaffolding as you go. Just add more tracks, extend the cable, and your back to work. I have personally used these systems on bridge work, commercial construction, industrial construction with frame scaffold, system scaffold, or tube and clamp type scaffold. You can use any math formula you wish, but dollar for dollar you will not hire anyone who can perform this amount of work; without the breaks, the fatigue, or the wear and tear as the Maxial Track hoist. Using 2 machines doubles your production instantly, and provides for back-up in the unlikely event of machine failure or break down. The Maxial Track hoist packs easily into a small covered trailer, and travels with your crew or equipment. The units are low maintenance, easy to care for, and very simple to operate using a pendant control. There is simply no other way to go.

Sincerely,

Brian Hill
Florida Division Manager at American Construction Hoist
West Palm Beach, Florida Area
Jobs that I have participated in, using the Beta-Max Maxial Track hoist:

_Power Plants across America:_
_Pulp & Paper Industry:_
_Bridge Work:_
Bay Bridge Lead Abatement
Annapolis, MD (Campbell Painting Corporation)
_Hospital Work:_
Flagler Hospital Addition
St. Augustine, FL (Patent Construction Systems)
_Stadium Work:_
Jacksonville Municipal Stadium
Jacksonville, Fl.
Ben Hill Griffir Stadium
Gainesville, Fl.
Doak Campbell Stadium
Tallahassee, Fl.