The leader in crane technology and ergonomic lifting

THE SMARTER WAY TO LIFT: G-FORCE® & EASY ARM®

ELECTRIC SERVO POWERED INTELLIGENT LIFTING DEVICES

INTELLIGENCE  SPEED  STRENGTH  PRECISION

GORBEL
A CLASS ABOVE
Gorbel’s G-Force® and Easy Arm® devices are part of an exciting new family of material handling equipment known as Intelligent Assist Devices (IADs). They use exclusive patented technology and an industrial processor controlled servo drive system to deliver unmatched lifting precision and speed. Their fusion of advanced technology and basic human guidance maximizes productivity while minimizing the risk of injury to the operator.

There are two models of Gorbel Intelligent Lifting Devices to choose from: the Q and the iQ. The Q model is our feature packed base model. It offers the same speed and precision as our higher-end iQ model, but without the added Input/Output features that the iQ offers. The iQ model offers a wealth of additional intelligence features.

Since 1977, Gorbel has specialized in overhead material handling solutions, providing the highest quality and the highest performance. We are the leading supplier of Work Station Crane systems, offering near perfect on-time delivery, a focus on customer service, and the industry’s best warranty.

Now you’ll find that same level of quality in our G-Force® and Easy Arm® Intelligent Lifting Devices. These innovative units enable operators to lift and maneuver naturally, as if the devices were an extension of their arms. Our Q and iQ model Intelligent Lifting Devices will help improve productivity, reduce the cost of product damage, and minimize work-related injuries.
INFINITE SPEED CONTROL
Gorbel’s Intelligent Lifting Devices move with the operator. They move as fast or as slow as the operator chooses to move. They are ideal for applications that require high speed at some points in the cycle and slow, precise movements at other points.

ANTI-RECOIL TECHNOLOGY
This prevents the G-Force® and Easy Arm® units from moving or recoiling when there is a sudden change in load, reducing the risk of potentially serious injury.

POWER LOSS PROTECTION
A fail safe load braking system locks the unit in place in the event of a power loss.

BLAZING SPEEDS
With G-Force® speeds reaching 200 fpm (61 mpm) and Easy Arm® speeds reaching 180 fpm (55 mpm), these devices travel up to 4 times faster than traditional high-end lifting devices currently on the market, making them the fastest, most precise lifting devices on the planet.

OPERATOR PRESENT FUNCTION
The handle grip of our Intelligent Lifting Devices uses a built-in photosensor that doesn't allow the unit to move unless the operator initiates the movement.

THE SAFE ALTERNATIVE
Operators want to use our G-Force® technology because it’s easy to learn and easy to use. Our Intelligent Lifting Devices are safer than manual lifting and dramatically reduce worker injury cost.

CAPACITY OVERLOAD
The units will not lift if the load exceeds their rated capacity.

FLOAT MODE
The G-Force® and Easy Arm® units offer our versatile Float Mode. With a mere 1/2 lb (227 g) of force on the load itself, operators can precisely orient loads throughout the full stroke range by manipulating the load with their hands.

PINPOINT PRECISION
Our Intelligent Lifting Devices deliver unparalleled precision with speeds of less than 1 fpm (0.3 mpm). This gives the operator the control necessary to finesse expensive or fragile parts.
G-FORCE® Q AND IQ
BRIDGE CRANE MOUNTED
INTELLIGENT LIFTING DEVICE

When precision, lifting power and speed are necessities, turn to Gorbel’s patented G-Force® Intelligent Lifting Device. More precise than hoists, more responsive than air balancers, our bridge crane mounted G-Force® units improve safety, productivity and quality, resulting in a direct increase to your bottom line.

CHOOSE A BRIDGE MOUNTED CRANE CONFIGURATION FOR:
• Higher capacities: available in 165, 330, 660, and 1320 lb capacities
• Faster speeds: maximum speeds up to 200 fpm
• More responsive performance: faster acceleration and deceleration
• Covering multiple work cells with one G-Force®

APPLICATIONS:
• Automotive assembly (engines, transmissions, chassis components)
• Heavy equipment manufacturing
• Tool & die changeouts
• Natural gas & oil industry (valves, drilling components, etc)
• Repetitive lifting jobs
• Parts assembly
• Machining
• Process equipment maintenance
• Covering larger single work areas

www.gorbel.com
800.821.0086
Atlas Copco’s gas and process division makes turbo compressors and expansion turbines that are used for natural gas processing and power generation. At an assembly facility where components for these large compressors are assembled, multiple work processes were sharing a single overhead crane system. Workers would often be at a stand-still while a co-worker used the crane, or would forgo the crane altogether and risk injury by lifting heavy parts by hand.

The company decided to target the high-throughput milling applications for a process change, and installed Gorbel work station cranes to eliminate the productivity delays caused by the shared crane. While the new cranes eliminated that problem, finding a lifting device to fit the application was a challenge due to the size of the load and the sensitive machinery it was being placed into.

In this work cell, 5-15” in diameter stainless steel cylinders that range from 15 to 400 pounds are milled down from bell shaped impeller blanks into the finished impeller with razor sharp edges. Moving the parts by hand posed multiple injury risks and a high potential for damage.

“We’re lifting very heavy steel cylinders and trying to place them with precision into the milling machine without damaging the part or the machine,” said Diehl. “We needed something that gave us a lot of control.”

The company selected a 660 pound capacity G-Force® Q. Atlas Copco had considered other devices, but felt they would have the most control with the G-Force® after seeing a demo of the unit’s virtual limits package, Float Mode feature, and overall smooth movement.

An operator now secures the impeller blanks into the tooling grip that Atlas Copco designed, which locks onto the blanks’ outer rim. Once secured, the operator engages Float Mode on the G-Force® handle, and then moves the load up and down by holding the gripping tool or the load itself.
EASY ARM® Q AND IQ
INTELLIGENT LIFTING ARM

The Easy Arm® Intelligent Lifting Arm is a combination of our G-Force® lifting device and an articulating jib crane. It is an ideal solution if you’re looking for a turn-key, plug and play lifting solution. You get all the strength, precision, and speed of our patented G-Force® lifting technology and processor controlled electric servo drive system in the body of an ergonomic articulating jib crane.

CHOOSE FREE STANDING EASY ARM® FOR:
• Smaller work areas that require 14’ spans or less
• Capacities of 165, 330, and 660 lbs
• Easy installation: Unit ships assembled and ready to be installed
• No foundation required (some conditions apply, see Installation Manual)
• Easy relocation: the Easy Arm® is simply bolted to the floor

CHOOSE UNDER HUNG EASY ARM® FOR:
• Saving valuable floor space
• Hook heights over 11’
• Covering multiple work cells

APPLICATIONS:
• Reaching into a work cell or around obstructions
• Reaching under overhead obstructions like exhaust hoods
• Reaching into machines
• High cycle pick and place
• Loading/unloading machined parts

www.gorbel.com
800.821.0086
A major tier one auto parts supplier stamps round sheet metal blanks into clutch hubs and clutch housings for automatic transmissions. The thin blanks range in diameter from 6-14” and weigh up to 8 pounds each. They arrive in a bin and were manually loaded into the transfer press.

In order to load the blanks into the press, operators had to bend over the edge of the bin, grab as many blanks as they could hold, and then turn and carry them to the loading turn table. By the end of worker’s shift, fatigue would set in and productivity would drop. Many workers complained of back strain and fatigue, while others suffered cuts to the hands, and wrist, plus elbow and shoulder pain.

After a new stamp press was installed, the company looked for a better handling solution. The company installed a 330 pound capacity Easy Arm® Q with an 8’ span in the loading bay of their stamp press. The project integrator, Pressline Equipment, worked with Starquip of Ontario, Canada to design a pneumatic gripping tool that enabled operators to reach into the bin, grip about 150 pounds of blanks and effortlessly guide them into the spindles on the loading table. This is about 5-times as many blanks as they were able to lift manually. The result was faster cycle times, less worker fatigue, and no more productivity drop-off near the end of a shift.

“We were very pleased with the initial results,” said the company’s Environmental, Health & Safety Manager. “We had no more repetitive use injuries among Easy Arm® users, and workers are moving faster with less fatigue. We have older ladies who are able to do this job now with no problems. We wouldn’t be buying a second unit if we had any doubts about it.”

<<<< Portable Base
Instead of bolting your free standing unit to the floor, our optional portable base gives you a stable base that you can move anywhere in your facility. The base shown is for smaller Easy Arms. Larger units may require a different portable base. Contact your Gorbel dealer to learn more.
G 360™ Swivel Assembly
Our G-Force® Intelligent Lifting Devices have a combined collector/air swivel that allows the handle to continuously rotate without damaging electrical conductors in the coil cord or optional air coil. This is ideal in applications where the operator is continuously rotating the handle.

LCD Display
Backlit display on the handle allows for menu style set up of features like Virtual Limits and Speed Reduction Points. It also communicates valuable information like operation modes, weight readout, diagnostic information, and fault codes.

Operator Present Function
The handle grip of our Intelligent Lifting Devices uses a built in photo sensor, making it safe and intuitive. This method senses the presence of the operator’s hand without a physical lever to depress. The result is safe, smooth operation because the operator is not tempted to use the Operator Present Sensor safety feature as a start/stop control.

Ergonomic Handle Design
Our long lasting handle was designed with your operator’s comfort in mind. Its shape, size, and material were carefully planned to fit comfortably in the curve of your hand, while its rubber, textured coating gives you a positive grip.

www.gorbel.com
800.821.0086
**Q AND IQ HANDLE CONFIGURATION OPTIONS**

The G-Force® and Easy Arm® were designed to provide flexibility in handle configurations. Your Gorbel distributor or your tooling integrator can help you choose the handle configuration best suited for your application.

See tooling examples on pages 15-16.

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**In-Line Slide Handle**
The in-line slide handle allows the operator to get close to the load for more control and precision. With this handle, the load moves with the motion of the operator’s hand.

**Remote Mount Slide Handle**
This configuration offers the same smooth control as the slide handle, but accommodates set-ups where the operators can’t be close to the load.

**Suspended Pendant Control Handle**
This handle is ideal when you have limited headroom, when the operator can’t get close to the load or when the operator needs maximum lifting stroke. This handle can also be used when you expect the load to bounce or tip during lifting.

**Remote Mount Pendant Control Handle**
Choose this design when the handle is mounted more than one foot from where the wire rope attaches to tooling, or when you expect the load to bounce or tip during lifting.

**Hub (FSH)**
Provides the most flexibility for custom tooling solutions by allowing a wide range of handle bars (by others) to be mounted to the hub. The hub can also be mounted anywhere on the custom tooling frame. When the operator needs to control up/down motion by applying force to any point on the handle bars or other control fixtures attached at the hub.

**Remote mounted (FSR)**
Provides the ability to remote mount a 24” or 36” Force Sensing Handle to a tooling frame (by others). This is beneficial for ergonomically reaching high and low pick/place points.

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**FORCE SENSING HANDLES FOR G-FORCE® AND EASY ARM®**

The Force Sensing Handles offer versatility in ergonomic lifting. Compared to standard slide handles, which use displacement of the handle to initiate upward or downward motion, the new design senses force applied without any handle motion. This creates a versatile option for tooling, or elongated handles that perfectly serve applications with a wide range of motion.

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**In-Line (FSI)**
When very low or very high pick and place points require hand-over-hand lifting. Eliminates the need to bend over to reach into deep bins or dunnage.
## G-FORCE® Q AND IQ:
BRIDGE CRANE MOUNTED LIFTING DEVICE

**Dimensions:**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>165 lb (75 kg)</th>
<th>330 lb (150 kg)</th>
<th>660 lb (300 kg)</th>
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<tbody>
<tr>
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<td>10.25” (260mm)</td>
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<td>B</td>
<td>14.375” (365)</td>
<td>15” (381)</td>
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<td>C</td>
<td>17” (432)</td>
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<td>D</td>
<td>26” (660)</td>
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<td>E</td>
<td>23” (384)</td>
<td>25.25” (641)</td>
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<td>F</td>
<td>16” (406)</td>
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C dimension may change according to the track series you’re using. Consult factory for actual dimension.

D references unit in full up position.

www.gorbel.com
800.821.0086
HANDLE CONFIGURATION OPTIONS

<table>
<thead>
<tr>
<th>Dim</th>
<th>Remote Mount Slide</th>
<th>Suspended Pendant Control</th>
<th>Remote Mount Pendant Control</th>
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<tbody>
<tr>
<td>D</td>
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<td>8.5&quot; (216mm)</td>
<td>17.5&quot; (445mm)</td>
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<td>F</td>
<td>14.25&quot; (362)</td>
<td>14&quot; (356)</td>
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FORCE SENSING HANDLES

Hub

Remote Mounted

Available as 24" or 36"

In-Line

24" Option: 35 11/16"
36" Option: 47 11/16"

16" min.

16" min.

10"

16" min.
### 1320 LB. UNIT
### HANDLE CONFIGURATIONS

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<th>Dim</th>
<th>In-Line Slide</th>
<th>Remote Slide</th>
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<th>Suspended Pendant</th>
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<td>15&quot; (381)</td>
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<tr>
<td>C</td>
<td>17&quot; (432)</td>
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<tr>
<td>D</td>
<td>30.5&quot; (775)</td>
<td>21.5&quot; (546)</td>
<td>21.5&quot; (546)</td>
<td>17.5&quot; (445)</td>
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<td>25.25&quot; (641)</td>
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<tr>
<td>F</td>
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D references unit in full up position.
An international distributor of sustainable, environmentally friendly office space was looking to optimize the safety of its employees in high risk applications. One of the first areas targeted was the raw material receiving area, which handles incoming sheets of glass that are usually 3 feet by 6 feet, and weigh about 115 pounds. The sheets are brought in on large A-frames, and moved onto carts where they go on to be framed.

Shipments are received a few times each week, and two workers are required to do as many as 80 lifts each shift. It was clear to the management very early that there was too much at risk to leave the application as it was.

“We had a few small injuries,” said the manufacturing manager. “We did not have any back injuries yet, but it was coming. We didn’t want to wait for it.”

“A very similar application in another facility used a crane as well, but they had a chain hoist to lift the glass. It was very slow, not smooth enough, and operators didn’t feel they had enough control to set the glass down gently. Eventually the workers pushed it off to the side.”

For this facility, the company purchased a Gorbel G Force® Q with 330 pound lifting capacity and a remote mounted handle integrated with a Schmalz vacuum lifter.

The tooling allows a single user to grip the sheet of glass and tilt it into position. The range of motion of the G Force® allows the users to maintain a fast working pace while still carefully placing each sheet of glass onto the carts. Since installing the G Force®, the management is very satisfied with the results, and the workers were also very happy to have the new lifting method.

“I am very happy with it,” said one of the operators. “Especially on the larger pieces of glass, it saves us a lot of personnel time. We’re able to run things a lot smoother, able to move from job to job and not worry about maneuvering the a frames because of the different sizes of glass.”
EASY ARM® Q AND IQ: FREE STANDING LIFTING DEVICE

For Underhung Easy Arm® dimensional information, please consult factory.

www.gorbel.com
800.821.0086
## 165 LB (75 KG) UNIT

<table>
<thead>
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<th>Span</th>
<th>6' (1829mm)</th>
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<th>12' (3658mm)</th>
<th>14' (4267mm)</th>
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### Dimensions
- **HUH**: 6' (1829), 8' (2438), 10' (3048)
- **OAH**: 109.14" (2772), 133.14" (3382), 157.14" (3991)
- **A**: 33.84" (860), 45.12" (1146), 56.40" (1433), 67.68" (1719), 78.96" (2006)
- **B**: 105.98" (2692), 129.98" (3301), 153.98" (3911)
- **C**: 97.89" (2486), 121.89" (3096), 145.89" (3706)
- **D**: 24.90" (632), 32.06" (814), 40.03" (1017), 48.00" (1219), 56" (1422)

## 330 LB. (150 KG) UNIT

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### Dimensions
- **HUH**: 6' (1829), 8' (2438), 10' (3048)
- **OAH**: 109.88" (2791), 133.88" (3401), 157.88" (4010)
- **A**: 33.84" (860), 45.12" (1146), 56.40" (1433), 67.68" (1719), 78.96" (2006)
- **B**: 106.86" (2714), 130.86" (3324), 154.86" (3933)
- **C**: 97.97" (2483), 121.77" (3093), 145.77" (3703)
- **D**: 24.34" (618), 32.26" (819), 42.70" (1085), 51.48" (1308), 59.76" (1518), 24.34" (618), 32.26" (819), 42.70" (1085), 51.48" (1308), 59.76" (1518)

Please note:
These dimensions are for Easy Arm® units with in-line slide handles only. Units with suspended pendant handles will have different dimensions. Please contact Gorbel at (800) 821-0086 for these dimensions. Other Heights Under Hook are available as special orders; contact factory.

Dimensions shown in parentheses are in millimeters.

## 660 LB. (300 KG) UNIT

<table>
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<th>Span</th>
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### Dimensions
- **HUH**: 6' (1829), 8' (2438), 10' (3048)
- **OAH**: 122" (3099), 146" (3708), 170" (4318)
- **A**: 45.12" (1146), 56.4" (1433), 67.68" (1719), 78.96" (2006)
- **B**: 114.22" (2901), 138.22" (3511), 162.22" (4129)
- **C**: 94.39" (2398), 91.66" (2292), 118.39" (3007), 115.66" (2938), 142.39" (3617), 139.66" (3542)
- **D**: 40.1" (1019), 50.1" (1273), 60.1" (1527), 70.1" (1781), 40.1" (1019), 50.1" (1273), 60.1" (1527), 70.1" (1781)

### BASEPLATE DIMENSIONS
Please note: Hex baseplates are used on all 330 lb units, and on 165 lb units with a combined HUH plus span of 18’ or more. All other 165 lb units use a square baseplate.

### HOOK COVERAGE
**Arm Rotation:**
- 355° primary arm
- 320° secondary arm
EASE OF TOOLING INTEGRATION

GORBEL’S G-FORCE® TOOLING EXAMPLES

The Q and iQ units were designed with tooling integration in mind. Optional handle auxiliary control brackets allow pneumatic valves or electric switches to be integrated with the G-Force® control handles. Choose one of these three handle configurations to meet the needs of your applications.
SOFT TOUCH CONTROL HANDLES
MAKE TOOLING INTEGRATION EASIER

Use our Soft Touch Control Handles to control any air or electric powered equipment, such as end-effector tooling for the G-Force® or Easy Arm®. A common handle base for air or electric applications gives you design commonality and flexibility, whether your application requires air valves for direct control of end tooling, or electric switches to activate your G-Force® or Easy Arm® iQ inputs.

Why choose a Soft Touch Control Handle?
- Flexible design easily integrates into new equipment layouts
- Easy replacement of any standard pneumatic or electric handles
- Engineered for easy use to reduce potential for fatigue and repetitive stress injuries
- Offers more flexibility in tooling choices and the ability to customize tooling for applications
- Costs less than most comparable handles
GORBEL’S G-FORCE® TECHNOLOGY: PROVEN PERFORMANCE

ERGONOMIC STUDY
The following summary is based on a study performed by the Rochester Institute of Technology. The study compared the performance of Gorbel’s G-Force® Intelligent Lifting Device to other lifting devices. It focused on High Cycle Applications and Precision Placement Applications. To read the whole study, go to: http://www.gorbel.com/pdfs/study/gforceergostudy.pdf.

High Cycle Test
Operators were:

- 124% more productive with the G-Force® than with air balancers
- 74% more productive with the G-Force® than with variable frequency drive hoists

* Manual: 75% of the subjects could not complete 10 minutes of lifting & still maintain safe heart rates.

Precision Placement Test
Operators were:

- 76% more productive with the G-Force® than with air balancers
- 59% more productive with the G-Force® than with variable frequency drive hoists

* Manual: None of the subjects could complete 10 minutes of lifting w/o exceeding safe heart rates.

Force of Placement
The G-Force® was:

- 2.5x less likely to damage the load than the air balancer with pendant control
- 3.3x less likely to damage the load than the variable frequency drive hoists
- 2.2x less likely to damage the load than manual

Figure 1: Number of Palletizing Lifts
(normalized for energy expenditure)

Figure 2: Number of Precision Placement Lifts

Figure 3: Percentage of Lifts Exceeding Force Threshold

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### GORBEL’S Q AND IQ TECHNOLOGY: TECHNICAL SPECIFICATIONS

#### BRIDGE MOUNTED G-FORCE® Q AND IQ QUICK FACTS

<table>
<thead>
<tr>
<th>G-Force®</th>
<th>Q</th>
<th>IQ</th>
<th>Q</th>
<th>IQ</th>
<th>Q</th>
<th>IQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Capacity (Load &amp; Tool)</td>
<td>165 lb</td>
<td>330 lb</td>
<td>660 lb</td>
<td>1320 lb</td>
<td>75 kg</td>
<td>150 kg</td>
</tr>
<tr>
<td>Maximum Lifting Speed Unloaded</td>
<td>200 ft/min</td>
<td>100 ft/min</td>
<td>50 ft/min</td>
<td>25 ft/min</td>
<td>61 m/min</td>
<td>30 m/min</td>
</tr>
<tr>
<td>Maximum Lifting Speed Fully Loaded</td>
<td>125 ft/min</td>
<td>75 ft/min</td>
<td>42 ft/min</td>
<td>21 ft/min</td>
<td>38 m/min</td>
<td>23 m/min</td>
</tr>
<tr>
<td>Maximum Float Mode Lifting Speed</td>
<td>103 ft/min</td>
<td>65 ft/min</td>
<td>38 ft/min</td>
<td>19 ft/min</td>
<td>31 m/min</td>
<td>20 m/min</td>
</tr>
<tr>
<td>Maximum Lift Range</td>
<td>11 ft</td>
<td>11 ft</td>
<td>11 ft</td>
<td>5.5 ft</td>
<td>3.35 m</td>
<td>3.35 m</td>
</tr>
</tbody>
</table>

#### FREE STANDING EASY ARM® Q AND IQ QUICK FACTS

<table>
<thead>
<tr>
<th>Easy Arm®</th>
<th>Q</th>
<th>IQ</th>
<th>Q</th>
<th>IQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Capacity (Load &amp; Tool)</td>
<td>165 lb</td>
<td>330 lb</td>
<td>75 kg</td>
<td>150 kg</td>
</tr>
<tr>
<td>Maximum Lifting Speed Unloaded</td>
<td>180 ft/min</td>
<td>90 ft/min</td>
<td>55 m/min</td>
<td>27 m/min</td>
</tr>
<tr>
<td>Maximum Lifting Speed Fully Loaded</td>
<td>125 ft/min</td>
<td>75 ft/min</td>
<td>38 m/min</td>
<td>23 m/min</td>
</tr>
<tr>
<td>Maximum Float Mode Lifting Speed</td>
<td>103 ft/min</td>
<td>65 ft/min</td>
<td>31 m/min</td>
<td>20 m/min</td>
</tr>
<tr>
<td>Maximum Lift Range</td>
<td>11 ft</td>
<td>11 ft</td>
<td>3.35 m</td>
<td>3.35 m</td>
</tr>
</tbody>
</table>

#### Q AND IQ TECHNICAL SPECS

<table>
<thead>
<tr>
<th>G-Force® and Easy Arm®</th>
<th>Q</th>
<th>IQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Lift Voltage (VAC)</td>
<td>220 +/- 10%</td>
<td></td>
</tr>
<tr>
<td>Maximum Current (Amps)</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>H5</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>41 - 122° F</td>
<td>5 - 50° C</td>
</tr>
<tr>
<td>Operating Humidity Range (Non-Condensing)</td>
<td>35 - 90%</td>
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</tr>
<tr>
<td>User Accessible Power</td>
<td>Not Available</td>
<td>24VDC @ 0.5A</td>
</tr>
<tr>
<td>Virtual Limits (Upper Limit, Power Limit, Speed Reduction)</td>
<td>Standard</td>
<td>Standard</td>
</tr>
</tbody>
</table>

#### IQ SPECIFIC INFORMATION

<table>
<thead>
<tr>
<th>I/O Actuator (iQ Only)</th>
<th>IQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Inputs, Type</td>
<td>8, Sinking</td>
</tr>
<tr>
<td>Input Current @ 24 VDC</td>
<td>6mA</td>
</tr>
<tr>
<td>Number of Outputs, Type</td>
<td>8, FET</td>
</tr>
<tr>
<td>Continuous Current/Channel (Amps)</td>
<td>0.5</td>
</tr>
<tr>
<td>Module Maximum Current (Amps)</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Handle with I/O Module (iQ Only)</th>
<th>IQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Inputs, Type</td>
<td>8, Sinking</td>
</tr>
<tr>
<td>Input Current @ 24 VDC</td>
<td>4mA</td>
</tr>
<tr>
<td>Number of Outputs, Type</td>
<td>8, FET</td>
</tr>
<tr>
<td>Continuous Current/Channel (Amps)</td>
<td>0.5</td>
</tr>
<tr>
<td>Module Maximum Current (Amps)</td>
<td>0.5</td>
</tr>
</tbody>
</table>
FOR MORE INFORMATION
Your authorized Gorbel dealer can give you more information on what makes Gorbel’s Ergonomic Work Station Cranes and other material handling products “A Class Above.”

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