30 years focus on production experience,
We insist on reducing labor intensity and improving efficiency.

CATALOGUE

ELECTRIC HOIST
ELECTRIC WIRE ROPE HOIST
MANUAL HOIST
MATERIAL HANDLING
Professional lifting equipment supplier since 1984.
The largest hoisting equipment production base in China.

TBM®
LIF-TEC®
MATERIAL HANDLING
LiftTec Engineering & General Contractors Limited
14 Malura Avenue, Penal Trinidad W.I. Penal: 1 868 647 8709
Mobile: 1 868 384 3071
157 SMR Marabella: 1 868 225 6436
Mobile: (868)384 9075
Website: www.lif-tec.com
**SHH-AM**

**ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY**

- **Compact Structure, Operational Reliability, Easy of Maintenance**: The hoist is designed for durability and ease of maintenance.
- **One Lifting Speed, Two Lifting Speeds, and One Lifting Speed with Frequency Inverter**: Options for different lifting requirements.
- **High-Strength Aluminum Alloy Gearbox**: Lightweight, high strength, corrosion resistance.
- **High-Efficiency Aluminum Alloy Motor**: Equipped with electromagnetic DC brakes for added safety.
- **3-Phase Supply Control System**: Designed to support 3-phase supplies and to protect motor.
- **No Overload**: The system will ensure the hoist operates within its limits.
- **Lead Chain**: Material is special alloy steel, finish machining by CNC machining center.
- **Lead Chain**: Imported from Japan or Europe.

---

**DC-C**

**ELECTRIC TROLLEY**

**Technical Parameter**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (t)</th>
<th>Travelling Speed (m/min)</th>
<th>Trolley Motor (kW)</th>
<th>Beam Flange (mm)</th>
<th>Net Weight (kg)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>G</th>
<th>M</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-C05-15</td>
<td>1</td>
<td>15.5</td>
<td>0.2</td>
<td>74-140</td>
<td>26</td>
<td>254</td>
<td>14</td>
<td>260</td>
<td>146</td>
<td>340</td>
<td>68</td>
<td>310</td>
<td>406</td>
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<td>DC-C05-20</td>
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<td>22.5</td>
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<td>140</td>
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<td>DC-C05-25</td>
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<td>380</td>
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<td>340</td>
<td>210</td>
<td>370</td>
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<td>DC-C05-30</td>
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<td>62</td>
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<td>22</td>
<td>380</td>
<td>205</td>
<td>410</td>
<td>110</td>
<td>360</td>
<td>410</td>
</tr>
</tbody>
</table>

- Beam flange request is for optional.
- Single phase is for optional.
- Above parameter is for 380V~415V/50Hz/3PH standard.

**Remote Control**

**Conductor System**

**Festoon System**

- Above crane kits inquire, please contact with manufacturer directly.
### SHH-A Electric Chain Hoist

**Technical Parameter**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (t)</th>
<th>Classification (FEM/ISO)</th>
<th>Duty Rating (tin)</th>
<th>Hoist Motor (Hp)</th>
<th>Load Chain Falls</th>
<th>Net Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHH-A-003-1S</td>
<td>0.25</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>144</td>
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<tr>
<td>SHH-A-005-1S</td>
<td>0.25</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>114</td>
</tr>
<tr>
<td>SHH-A-010-1S</td>
<td>0.5</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>124</td>
</tr>
<tr>
<td>SHH-A-020-2S</td>
<td>1</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>144</td>
</tr>
<tr>
<td>SHH-A-025-2S</td>
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<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>164</td>
</tr>
<tr>
<td>SHH-A-030-2S</td>
<td>3</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>184</td>
</tr>
<tr>
<td>SHH-A-050-2S</td>
<td>5</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>244</td>
</tr>
</tbody>
</table>

### SHH-AM Electric Chain Hoist with Electric Trolley

**Technical Parameter**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (t)</th>
<th>Classification (FEM/ISO)</th>
<th>Duty Rating (tin)</th>
<th>Hoist Motor (Hp)</th>
<th>Load Chain Falls</th>
<th>Net Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHH-AM-003-1S</td>
<td>0.25</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>144</td>
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<tr>
<td>SHH-AM-005-1S</td>
<td>0.25</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
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<td>114</td>
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<tr>
<td>SHH-AM-010-1S</td>
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<td>2m/5S 40%</td>
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<td>7.0/3.7</td>
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<td>124</td>
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<td>SHH-AM-020-2S</td>
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<td>26.6%/13.4%</td>
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<td>510</td>
<td>144</td>
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<tr>
<td>SHH-AM-025-2S</td>
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<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>164</td>
</tr>
<tr>
<td>SHH-AM-030-2S</td>
<td>3</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>184</td>
</tr>
<tr>
<td>SHH-AM-050-2S</td>
<td>5</td>
<td>2m/5S 40%</td>
<td>26.6%/13.4%</td>
<td>7.0/3.7</td>
<td>510</td>
<td>244</td>
</tr>
</tbody>
</table>

**Notes:**
- Beam flange request is for optional.
- Single phase is for optional.
- Above parameter is for 380V~415V/50Hz3PH standard.
SHA-XD
Electric Wire Rope Hoist

Main body frame is welded by professional profile, compact structure, good appearance, has many unique and innovation. Gearbox housing is made by cast aluminum, light weight, good heat dissipation, corrosion resistance (Ip55). Reducer compact structure, high precision, high strength hardened, helical gears, low noise, and long life.

Position limiter device
Accurate rotated limit switch device can automatically stop lift and down when the hoist hook meet the upper/lower position limiter device.

Helmet mechanism
Aluminum alloy shell, light weight, corrosion-resistant (Ip55). Lifting smoothly, low noise. We adopt multi-poles motor, assist with magnetic brake, safety and reliability, lifetime-lubricated gearbox, maintenance free.

Wire rope & Drum
Drum is made of seamless steel plate processing, processed with wire rope slot, high-strength line contact, steel wire rope, wire rope safety factor of more than five times, good wear resistance and long service life.

Control Panel Box
It contains one or more low-voltage switch and matching control, measurement, signal, protection, regulation and other equipment, and the manufacturer is responsible for the complete structural components assembled together.

Technical Parameters

- Structure compact design, excellent performance, good appearance, in line with the latest international DIN, FEM standards to reach technical level of similar foreign products. Suitable for machining, assembly, warehouse and other material handling options, especially for plant height restricted sites.
2/1 Rope Reening

### Technical Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Application of Crane Model</th>
<th>Rectangular Steel Tube</th>
<th>Wheel Size</th>
<th>Motor Power (20m/min)</th>
<th>Motor Power (30m/min)</th>
<th>S1 (m)</th>
<th>S2 (m)</th>
<th>W1 (m)</th>
<th>W2 (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL30-15</td>
<td>1.5t-7.5m</td>
<td>150°150°S</td>
<td>U90°60</td>
<td>FA27-0.25kW</td>
<td>FA27-0.37kW</td>
<td>1500</td>
<td>1300</td>
<td>400</td>
<td>500</td>
</tr>
<tr>
<td>UL30-20</td>
<td>1.6t-11.5m</td>
<td>150°200°S</td>
<td>U125°60</td>
<td>FA27-0.37kW</td>
<td>FA27-0.55kW</td>
<td>1500</td>
<td>1300</td>
<td>400</td>
<td>500</td>
</tr>
<tr>
<td>UL30-30</td>
<td>1.6t-22.5m</td>
<td>150°250°S</td>
<td>U160°70</td>
<td>FA37-0.55kW</td>
<td>FA37-0.75kW</td>
<td>1500</td>
<td>1200</td>
<td>500</td>
<td>650</td>
</tr>
<tr>
<td>UL40-20</td>
<td>2.3t-11.5m</td>
<td>150°200°S</td>
<td>U125°60</td>
<td>FA47-1.1kW</td>
<td>FA47-1.1kW</td>
<td>2000</td>
<td>1800</td>
<td>500</td>
<td>650</td>
</tr>
<tr>
<td>UL40-30</td>
<td>2.3t-22.5m</td>
<td>150°250°S</td>
<td>U160°70</td>
<td>FA47-1.1kW</td>
<td>FA47-1.1kW</td>
<td>2000</td>
<td>1800</td>
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<td>650</td>
</tr>
<tr>
<td>UL50-30</td>
<td>3.2t-22.5m</td>
<td>200°300°S</td>
<td>U250°80</td>
<td>FA57-1.1kW</td>
<td>FA57-1.1kW</td>
<td>2000</td>
<td>1600</td>
<td>600</td>
<td>750</td>
</tr>
</tbody>
</table>

Note: the lifting height of 9m is not available for double lifting speeds.
### HSZ-A619

**Standard Features:**
- The design is in accordance with EN13157 standard, it meets all pertinent world standards.
- High Strength steel frame and gear case build to be durable for rugged needs of construction and maintenance rigging.
- Spur gear efficiency reduces operator effort. Double pawl and double guide rollover enhances performance, safety and reliability.
- Equipped with wide throat top and bottom drop forged hooks that are designed to bend slowly to warn of overloads.
- Load chain is alloy steel grade 80 accord with ISO3077 standard.

**Optional Features:**
- Overload protection system.
- Caged ball bearing on load sheaves.
- Cast safety latches.
- Thrust bearings in bottom hook assembly.
- Load chain is alloy steel grade 80 accord with EN818-7 standard.
- Special surface treatment of spare parts.

If you need more information, please contact with manufacturer directly.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>3t, 5t</td>
<td>1.5t</td>
<td>2t</td>
<td>3t</td>
<td>5t</td>
</tr>
<tr>
<td>Load Chain</td>
<td>3x10</td>
<td>2x10</td>
<td>2x12</td>
<td>2x15</td>
<td>2x20</td>
</tr>
<tr>
<td>Hand Chain</td>
<td>3x10</td>
<td>2x10</td>
<td>2x12</td>
<td>2x15</td>
<td>2x20</td>
</tr>
<tr>
<td>Straps Or Load Chain</td>
<td>3x10</td>
<td>2x10</td>
<td>2x12</td>
<td>2x15</td>
<td>2x20</td>
</tr>
<tr>
<td>Throat Lifting</td>
<td>3t</td>
<td>1.5t</td>
<td>2t</td>
<td>3t</td>
<td>5t</td>
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<tr>
<td>Moving Distance Of Load With One Meter Lifting</td>
<td>22.3</td>
<td>21.5</td>
<td>20.0</td>
<td>18.5</td>
<td>18.5</td>
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<td>Running Test Load</td>
<td>75.2</td>
<td>65.6</td>
<td>61.0</td>
<td>56.0</td>
<td>56.0</td>
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<td>Dimensions (mm)</td>
<td>270</td>
<td>317</td>
<td>360</td>
<td>414</td>
<td>440</td>
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<td>Extra Weight Per Meter Of Extra Lift</td>
<td>0.3</td>
<td>0.3</td>
<td>0.3</td>
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<td>Net Weight</td>
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<td>2.6</td>
<td>2.4</td>
<td>2.3</td>
<td>2.2</td>
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</table>

### HSH-A619

**Standard Features:**
- The design is in accordance with EN13157 standard, it meets all pertinent world standards.
- High Strength steel frame and gear case build to be durable for rugged needs of construction and maintenance rigging.
- 360 degree handle rotation with short stroke to reduce loads.
- Equipped with wide throat top and bottom drop forged hooks that are designed to bend slowly to warn of overloads.
- Load chain is alloy steel grade 80 accord with ISO3077 standard.

**Optional Features:**
- Overload protection system.
- Caged ball bearing on load sheaves.
- Cast safety latches.
- Thrust bearings in bottom hook assembly.
- Load chain is alloy steel grade 80 accord with EN818-7 standard.
- Special surface treatment of spare parts.

If you need more information, please contact with manufacturer directly.
### GCL 810 - Series Geared Trolley

<table>
<thead>
<tr>
<th>Model</th>
<th>LG5-810</th>
<th>LG10-810</th>
<th>LG20-810</th>
<th>LG30-810</th>
<th>LG50-810</th>
<th>LG100-810</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (t)</td>
<td>0.5</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Proof Load (t)</td>
<td>0.825</td>
<td>1.25</td>
<td>2.5</td>
<td>3.75</td>
<td>6.25</td>
<td>12.5</td>
</tr>
<tr>
<td>Min. Trolley Width (mm)</td>
<td>66-203</td>
<td>66-203</td>
<td>88-203</td>
<td>110-203</td>
<td>116-203</td>
<td>130-203</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>343.5</td>
<td>367</td>
<td>360</td>
<td>403</td>
<td>433</td>
<td>444</td>
</tr>
<tr>
<td>B</td>
<td>192</td>
<td>236</td>
<td>284</td>
<td>346</td>
<td>382</td>
<td>467</td>
</tr>
<tr>
<td>C</td>
<td>187</td>
<td>227.5</td>
<td>273</td>
<td>333</td>
<td>382</td>
<td>481.5</td>
</tr>
<tr>
<td>D</td>
<td>22</td>
<td>28</td>
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<td>E</td>
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<tr>
<td>Min. Radius Curve (m)</td>
<td>0.5</td>
<td>0.7</td>
<td>0.9</td>
<td>1.3</td>
<td>1</td>
<td>1.2</td>
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<tr>
<td>Net Weight (kg)</td>
<td>7.4</td>
<td>12</td>
<td>18</td>
<td>30</td>
<td>47</td>
<td>79</td>
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### GCT 810 - Series Plain Trolley

<table>
<thead>
<tr>
<th>Model</th>
<th>TG5-810</th>
<th>TG10-810</th>
<th>TG20-810</th>
<th>TG30-810</th>
<th>TG50-810</th>
<th>TG100-810</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (t)</td>
<td>0.5</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Proof Load (t)</td>
<td>0.825</td>
<td>1.25</td>
<td>2.5</td>
<td>3.75</td>
<td>6.25</td>
<td>12.5</td>
</tr>
<tr>
<td>Min. Trolley Width (mm)</td>
<td>68-203</td>
<td>68-203</td>
<td>88-203</td>
<td>110-203</td>
<td>116-203</td>
<td>130-203</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>299</td>
<td>312</td>
<td>325</td>
<td>350</td>
<td>380</td>
<td>381</td>
</tr>
<tr>
<td>B</td>
<td>192</td>
<td>236</td>
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<td>344</td>
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</tr>
<tr>
<td>C</td>
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<td>227.5</td>
<td>273</td>
<td>333</td>
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<td>481.5</td>
</tr>
<tr>
<td>D</td>
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<td>0.5</td>
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<td>0.9</td>
<td>1.3</td>
<td>1</td>
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<tr>
<td>Net Weight (kg)</td>
<td>6.3</td>
<td>10.4</td>
<td>16.7</td>
<td>27.5</td>
<td>44.4</td>
<td>76</td>
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</table>

### OCS-A - General Type
- High-quality alloy steel load receptor
- Aluminum die-casting enclosure
- 38mm LED display
- 38mm LCD display with backlight
- High-duty bow shackles
- High-duty eye hook
- High capacity rechargeable battery
- Water-proof panel button
- Infrared remote controlling
- Capacity: 1000kg to 20000kg

### OCS-C - General Type
- Die-casting aluminum enclosure
- 30mm LCD display with backlight (84)
- High-duty bow shackles
- High-duty eye hook
- High capacity rechargeable battery
- Water-proof panel button
- Infrared remote controlling
- Capacity: 1000kg to 50000kg

### Drops in

**Max. Cap.** | 1000kg | 2000kg | 3000kg | 5000kg | 10000kg | 15000kg | 20000kg
---|---|---|---|---|---|---|---
**A** (mm) | 58 | 83 | 107 | 130 | 145 | 178 | 200
**B** (mm) | 58 | 83 | 107 | 130 | 145 | 178 | 200
**C** (mm) | 30 | 40 | 50 | 60 | 70 | 80 | 90
**E** (mm) | 420 | 420 | 420 | 420 | 420 | 420 | 420

**Min. Cap.** | 300 | 400 | 500 | 700 | 1000 | 1500 | 2000
---|---|---|---|---|---|---|---
**Kg** | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5
**lb** | 0.11 | 0.22 | 0.55 | 1.55 | 2.2 | 3.3 | 4.4
**Graduation** | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1
**Decimals** | 0 | 0 | 0 | 0 | 0 | 0 | 0

**Dimensions** | 500 | 1000 | 2000 | 3000 | 5000 | 10000 | 20000
---|---|---|---|---|---|---|---
**Kg** | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5
**lb** | 0.11 | 0.22 | 0.55 | 1.55 | 2.2 | 3.3 | 4.4
**Graduation** | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1
**Decimals** | 0 | 0 | 0 | 0 | 0 | 0 | 0
**GLZ Series Puller**

- 4:1 design factor. Complies with ASME B30.21 standard.
- Designed to pull, lift, drag or stretch in heavy-duty construction or industrial applications.
- Free-wheeling in unlocked state for easy attachment of load.
- Lightweight aluminum frame.
- One-piece cast aluminum drum.
- Overload safety handle designed to noticeable bend.
- Reversible handle changes position easily, so pull is always possible in the right direction against the load.
- Cast-aluminum drum has a "through-the-drum" anchor, larger diameter and a drum guard. This means the wire rope won’t come loose, bends less so it lasts longer and sproils evenly while rewinding.
- Buttonless tooth design improves load gear life.
- Solid steel drive and holding dog, not laminated plates.
- Ratchet and pawl system provides safe, "one notch at a time" lowering.
- Safety latch hooks are drop forged steel, heat treated and plated for corrosion resistance. Hooks rotate 360° for easy operation.
- Galvanized aircraft quality wire rope.

**LB Chain Load Binder**

- **RATCHET TYPE LOAD Binder**

<table>
<thead>
<tr>
<th>Code NO.</th>
<th>Min Max Chain Dia. (in.)</th>
<th>Working Load Limit (kN)</th>
<th>Proof Test (kN)</th>
<th>Minimum Ultimate Strength (kN)</th>
<th>Weight Each (kg)</th>
<th>Handle Length (in.)</th>
<th>Ract Length (in.)</th>
<th>Take Up (in.)</th>
<th>Dimensions (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB1458</td>
<td>1/16 x 1/4</td>
<td>2000</td>
<td>7500</td>
<td>3.52</td>
<td>1.16</td>
<td>1.7</td>
<td>17.41</td>
<td>22.04</td>
<td>19.20</td>
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<td>LB2534</td>
<td>3/16 x 3/8</td>
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<td>15000</td>
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<td>1.43</td>
<td>2.3</td>
<td>23.76</td>
<td>31.76</td>
<td>26.14</td>
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<td>LB5812</td>
<td>3/8 x 1/2</td>
<td>5000</td>
<td>18400</td>
<td>12.15</td>
<td>1.92</td>
<td>3.0</td>
<td>25.82</td>
<td>34.93</td>
<td>26.65</td>
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<tr>
<td>LB5298</td>
<td>1/2 x 5/16</td>
<td>10000</td>
<td>30000</td>
<td>18.10</td>
<td>2.92</td>
<td>4.0</td>
<td>29.50</td>
<td>39.57</td>
<td>34.57</td>
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<tr>
<td>LB5526</td>
<td>5/16 x 19/32</td>
<td>6500</td>
<td>13200</td>
<td>25.20</td>
<td>4.32</td>
<td>5.0</td>
<td>33.76</td>
<td>43.76</td>
<td>38.76</td>
</tr>
</tbody>
</table>

**QZ Permanent Magnetic Lifter**

- Widely used in machining, mould producing industry.
- Using high-performance permanent magnetic materials. Strong in magnetic suction, patent circuit design.
- High safety factor, maximal breakaway force is 3.5 times rated lifting power. (excludes ST)
- Handle switches with safety twist, easy for Single-hand operation, more safety and convenience.
- "V" style design at the bottom of lifter, can lift opposite round steel or steel board.
- Without electricity, magnetic lifting popularity, more safety on using, aside may operated at open country.

**SL Drum Clamps**

- **Up-right Lifting**
- **Side Angle Lifting**
- **Drop Double Leg**

<table>
<thead>
<tr>
<th>Model</th>
<th>WLL [tonnes]</th>
<th>Jaw Opening [mm]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL1</td>
<td>1.0</td>
<td>0-25</td>
<td>3.6</td>
</tr>
<tr>
<td>SL2</td>
<td>1.5</td>
<td>0-25</td>
<td>9.0</td>
</tr>
<tr>
<td>SL3</td>
<td>2.0</td>
<td>0-25</td>
<td>15.0</td>
</tr>
<tr>
<td>SL4</td>
<td>3.0</td>
<td>0-25</td>
<td>23.0</td>
</tr>
<tr>
<td>SL5</td>
<td>4.0</td>
<td>0-25</td>
<td>34.0</td>
</tr>
</tbody>
</table>
Flat Webbing Sling

Webbing slings are made from high tenacity 100% polyester (PES) webbing material manufactured according to EN standards. These slings have the following advantages:
- Low weight, therefore offering easy handling
- Protection against hand injuries
- Protection against cargo surface damage
- Highly flexible and adaptable to given shapes
- UV-resistant, eliminating material ageing or brittleness
- Heat resistant up to 100°C
- Water-resistant fabric, preventing frost damage (down to -40°C)
- Colour coded as per latest EN standard
- Soft sewn eyes (Flat, Socket or Reverse eyes)
- Low elongation

Flat slings are manufactured to EN 1492-1 safety factor of 7:1 (Webbing width in mm)

<table>
<thead>
<tr>
<th>Colour</th>
<th>SWL/WLL</th>
<th>SWL/WLL IN KG at different modes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIOLET</td>
<td>1T</td>
<td>30mm 1000 2000 1400 800 1000</td>
</tr>
<tr>
<td>YELLOW</td>
<td>3T</td>
<td>90mm 3000 5000 3000 2000 3000</td>
</tr>
<tr>
<td>GREY</td>
<td>4T</td>
<td>120mm 4000 6000 3000 3000 4000</td>
</tr>
<tr>
<td>RED</td>
<td>5T</td>
<td>150mm 5000 10000 7000 4000 5000</td>
</tr>
<tr>
<td>BLUE</td>
<td>6T</td>
<td>160mm 6000 12000 4000 6000</td>
</tr>
<tr>
<td>ORANGE</td>
<td>8T</td>
<td>240mm 7000 16000 11200 6400 8000</td>
</tr>
</tbody>
</table>

Flat polyester sling type (Webbing width in inch)

<table>
<thead>
<tr>
<th>Colour</th>
<th>SWL/WLL</th>
<th>SWL/WLL IN KG at different modes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIOLET</td>
<td>1T</td>
<td>12/25 mm 1000 2000 1400 800 1000</td>
</tr>
<tr>
<td>YELLOW</td>
<td>2T</td>
<td>2/50 mm 2000 4000 2800 1600 2000</td>
</tr>
<tr>
<td>GREY</td>
<td>3T</td>
<td>3/70 mm 3000 6000 4200 3000</td>
</tr>
<tr>
<td>RED</td>
<td>4T</td>
<td>4/100mm 4900 8000 5600 3200 4000</td>
</tr>
<tr>
<td>BLUE</td>
<td>5T</td>
<td>5/125mm 5000 10000 7000 4000 5000</td>
</tr>
<tr>
<td>ORANGE</td>
<td>6T</td>
<td>6/150mm 6900 12000 8400 4800 6000</td>
</tr>
<tr>
<td>ORANGE</td>
<td>8T</td>
<td>8/200mm 7000 16000 11200 6400 8000</td>
</tr>
</tbody>
</table>

1T POLYESTER FLAT WEBBING SLING

- **Specification:**
  - Material: 100% High tenacity industrial polyester yarn
  - Colour: Violet
  - Working Load: 1000 kg
  - Eye: Double
  - With reinforced lifting eyes
  - Length Available: 1m to 12m
  - Low elongation
  - According to EN1492-1+A1:2008
  - CE & G.S. certified

Safety Factor: 4.1.5:1.8:1 Width: 30 mm

2T POLYESTER FLAT WEBBING SLING

- **Specification:**
  - Material: 100% High tenacity industrial polyester yarn
  - Colour: Green
  - Working Load: 2000 kg
  - Eye: Double
  - With reinforced lifting eyes
  - Length Available: 1m to 12m
  - Low elongation
  - According to EN1492-1+A1:2008
  - CE & G.S. certified

Safety Factor: 4.1.5:1.8:1 Width: 30 mm

3T POLYESTER FLAT WEBBING SLING

- **Specification:**
  - Material: 100% High tenacity industrial polyester yarn
  - Colour: Yellow
  - Working Load: 1000 kg
  - Eye: Double
  - With reinforced lifting eyes
  - Length Available: 1m to 12m
  - Low elongation
  - According to EN1492-1+A1:2008
  - CE & G.S. certified

Safety Factor: 4.1.5:1.8:1 Width: 30 mm
### 4T POLYESTER FLAT WEBBING SLING

**Specification:**
- Material: 100% High tenacity industrial polyester yarn
- Color: Grey
- Working Load: 4000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN 1492-1+A1:2008
- CE & G.S. certified

<table>
<thead>
<tr>
<th>Safety Factor</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:1, 5:1, 6:1</td>
<td>100mm</td>
</tr>
<tr>
<td>7:1</td>
<td>120mm</td>
</tr>
</tbody>
</table>

### 8T POLYESTER FLAT WEBBING SLING

**Specification:**
- Material: 100% High tenacity industrial polyester yarn
- Color: Blue
- Working Load: 8000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN 1492-1+A1:2008
- CE & G.S. certified

<table>
<thead>
<tr>
<th>Safety Factor</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:1, 8:1</td>
<td>200mm</td>
</tr>
<tr>
<td>7:1</td>
<td>240mm</td>
</tr>
</tbody>
</table>

### 5T POLYESTER FLAT WEBBING SLING

**Specification:**
- Material: 100% High tenacity industrial polyester yarn
- Color: Red
- Working Load: 5000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN 1492-1+A1:2008
- CE & G.S. certified

<table>
<thead>
<tr>
<th>Safety Factor</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:1, 5:1, 6:1</td>
<td>125mm</td>
</tr>
<tr>
<td>7:1</td>
<td>150mm</td>
</tr>
</tbody>
</table>

### 10T POLYESTER FLAT WEBBING SLING

**Specification:**
- Material: 100% High tenacity industrial polyester yarn
- Color: Orange
- Working Load: 10000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN 1492-1+A1:2008
- CE & G.S. certified

<table>
<thead>
<tr>
<th>Safety Factor</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:1, 8:1</td>
<td>250mm</td>
</tr>
<tr>
<td>7:1</td>
<td>300mm</td>
</tr>
</tbody>
</table>

### 6T POLYESTER FLAT WEBBING SLING

**Specification:**
- Material: 100% High tenacity industrial polyester yarn
- Color: Brown
- Working Load: 6000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN 1492-1+A1:2008
- CE & G.S. certified

<table>
<thead>
<tr>
<th>Safety Factor</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:1, 5:1, 6:1</td>
<td>150mm</td>
</tr>
<tr>
<td>7:1</td>
<td>180mm</td>
</tr>
</tbody>
</table>

### 12T POLYESTER FLAT WEBBING SLING

**Specification:**
- Material: 100% High tenacity industrial polyester yarn
- Color: Orange
- Working Load: 12000 kg
- Ply: Double
- With reinforced lifting eyes
- Length Available: 1m to 12m
- Low elongation
- According to EN 1492-1+A1:2008
- CE & G.S. certified

<table>
<thead>
<tr>
<th>Safety Factor</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:1, 8:1</td>
<td>300mm</td>
</tr>
<tr>
<td>7:1</td>
<td>300mm</td>
</tr>
</tbody>
</table>
25mmx1T Ratchet tie down with Double J hooks

- **Specification:**
  - Width: 25mm
  - Webbing Breaking Strength: 1250kg
  - Working Load: 500 kg
  - Assembly Breaking Strength: 1000 kg
  - Safety Factor: 2:1
  - Webbing Color: Yellow/Orange/Blue/Green
  - Ratchet Buckle: 1’’x1’’ ratchet buckle
  - End Fittings: 1’’x1’’ Double J Hooks
  - Hot sale size: 3m, 4m, 5m, 6m

50mmx3T Ratchet tie down with Double J hooks

- **Specification:**
  - Width: 50mm
  - Webbing Breaking Strength: 4100kg
  - Working Load: 1500 kg
  - Assembly Breaking Strength: 3000 kg
  - Safety Factor: 2:1
  - Webbing Color: Yellow/Orange/Blue/Green
  - Ratchet Buckle: 2’’x3’’ ratchet buckle
  - End Fittings: 2’’x2’’ Double J Hooks
  - Hot sale size: 5m, 6m, 8m, 10m, 12m

35mmx2T Ratchet tie down with Double J hooks

- **Specification:**
  - Width: 35mm
  - Webbing Breaking Strength: 2600kg
  - Working Load: 1000 kg
  - Assembly Breaking Strength: 2000 kg
  - Safety Factor: 2:1
  - Webbing Color: Yellow/Orange/Blue/Green
  - Ratchet Buckle: 1.5’’x2’’ ratchet buckle
  - End Fittings: 1.5’’x2’’ Double J Hooks
  - Hot sale size: 4m, 5m, 6m, 8m

75mmx10T Ratchet tie down with Flat hooks

- **Specification:**
  - Width: 75mm
  - Webbing Breaking Strength: 12800kg
  - Working Load: 5000 kg
  - Assembly Breaking Strength: 10000 kg
  - Safety Factor: 2:1
  - Webbing Color: Yellow/Orange/Blue
  - Ratchet Buckle: 3’’ Long Wide Handle Ratchet
  - End Fittings: 3’’ Double J hooks
  - Hot sale size: 9m, 10m, 12m

38mmx3T Ratchet tie down with Double J hooks

- **Specification:**
  - Width: 38mm
  - Webbing Breaking Strength: 3900kg
  - Working Load: 1500 kg
  - Assembly Breaking Strength: 3000 kg
  - Safety Factor: 2:1
  - Webbing Color: Yellow/Orange/Blue/Green
  - Ratchet Buckle: 1.5’’x3’’ ratchet buckle
  - End Fittings: 1.5’’x3’’ Double J Hooks
  - Hot sale size: 4m, 5m, 6m, 8m

100mmx10T Ratchet tie down w/ Double J-Hooks

- **Specification:**
  - Width: 100mm
  - Webbing Breaking Strength: 12800kg
  - Working Load: 5000kg
  - Assembly Breaking Strength: 10000kg
  - Safety Factor: 2:1
  - Webbing Color: Yellow/Orange/Blue
  - Ratchet Buckle: 4’’ Long Wide Handle Ratchet
  - End Fittings: 4’’ Double J hooks
  - Hot sale size: 8m, 10m, 12m
**G80**

- TBM adopts "waflos" brand chain production line.
- All of chain accord with ISO9007 standard and ISO9186-1 standard.
- Chain accord with EN18-2 is for optional.
- Alloy steel material, pass heat treatment and proof test.

<table>
<thead>
<tr>
<th>Size [d x a] (mm)</th>
<th>Min inside width [w1] (mm)</th>
<th>Max inside width [w2] (mm)</th>
<th>Min breaking load (Kn)</th>
<th>Min test load (Kn)</th>
<th>Working load (T)</th>
<th>Weight (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6x18mm</td>
<td>7.5</td>
<td>20.4</td>
<td>45.2</td>
<td>28.3</td>
<td>1.1</td>
<td>0.79</td>
</tr>
<tr>
<td>7.1x21mm</td>
<td>8.9</td>
<td>24.1</td>
<td>63.3</td>
<td>39.6</td>
<td>1.6</td>
<td>1.1</td>
</tr>
<tr>
<td>8x24mm</td>
<td>10</td>
<td>27.2</td>
<td>80.4</td>
<td>50.3</td>
<td>2</td>
<td>1.4</td>
</tr>
<tr>
<td>9x27mm</td>
<td>11.3</td>
<td>30.6</td>
<td>102.6</td>
<td>63.6</td>
<td>2.5</td>
<td>1.76</td>
</tr>
<tr>
<td>10x30mm</td>
<td>12.5</td>
<td>34</td>
<td>126</td>
<td>78.5</td>
<td>3.2</td>
<td>2.19</td>
</tr>
<tr>
<td>13x39mm</td>
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<td>128</td>
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<td>16x46mm</td>
<td>20</td>
<td>56</td>
<td>320</td>
<td>192</td>
<td>8</td>
<td>5.63</td>
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</tbody>
</table>

**G100**

- Alloy Steel Chain

<table>
<thead>
<tr>
<th>Size [d x a] (mm)</th>
<th>Min inside width [w1] (mm)</th>
<th>Max inside width [w2] (mm)</th>
<th>Min breaking load (Kn)</th>
<th>Min test load (Kn)</th>
<th>Working load (T)</th>
<th>Weight (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6x18mm</td>
<td>7.2</td>
<td>20.4</td>
<td>56.5</td>
<td>33</td>
<td>1.4</td>
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<tr>
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<td>23.8</td>
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<td>47.5</td>
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<td>27.2</td>
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<td>157</td>
<td>94</td>
<td>3.9</td>
<td>2.19</td>
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</tbody>
</table>

**Notes:**

- [Blank Lines]

- [Blank Lines]