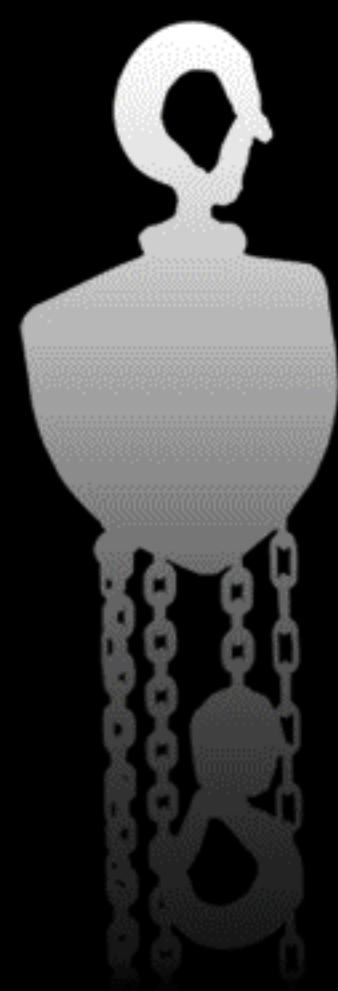


# H OISTS

# P RODUCTS CATALOGUE



# Z2LIFTING



# HOISTS



## MANUAL CHAIN BLOCKS & LEVER BLOCKS TROLLEY & CLAMPS

2018 EDITION BY Z2LIFTING



Z2 HOISTING is involved in the manufacture of high quality Chain Block, Lever Hoist, Clamps, Trolleys and Wire Rope Puller. We specialize in controlling all the production process, from sourcing the correct high grade raw materials to providing an aesthetically pleasing finish to the products.

Z2 HOISTING has strong and professional design/technical production team and inspection team. We are able to provide quality, safe and stable hoisting equipment to meet high industrial standards. After many years of good working, Z2 exports our hoisting equipment worldwide and earns good reputation.

Z2 HOISTING will never stop to developing and extending our hoisting equipment range. With highest quality and safety standard, we will always do our best to meet requirements from our worldwide customers and to establish a long-term relationship with each of our customers.



## PACKAGE INFORMATIONS



Individual Package for each Block, including one Certificate and one booklet of Instruction.

Strong and color print carton box supplied to each Block with special design and a wealth of information.

Instruction with colorful print including full dimensions, safety warnings and procedures for safety uses.

Certificate for each product with individual ID.



## BOTTOM HOOKS

**HBH-2B**



**0.5T to 3T**  
With Caged Roller Bearing  
For Lever & Chain Blocks

**HBH-1B**



**0.5T to 3T**  
With Steel Balls Bearing  
For Lever & Chain Blocks

**HBH-1**



**0.5T to 3T**  
Regular Type Without Bearing  
For Lever & Chain Blocks

**HBH-2**



## SAFETY LATCH & NUT

**HHC-2C**

Casted Safety Latch



**HHC-1B**

Regular Type Safety Latch

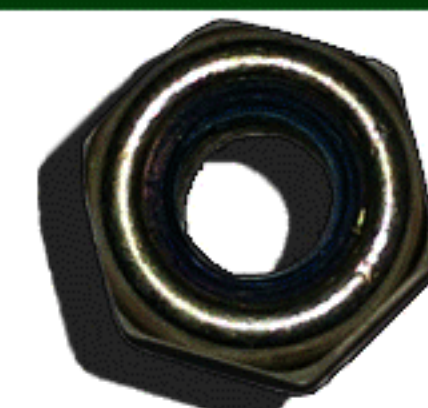


**HNUT**

Self Locking Nuts

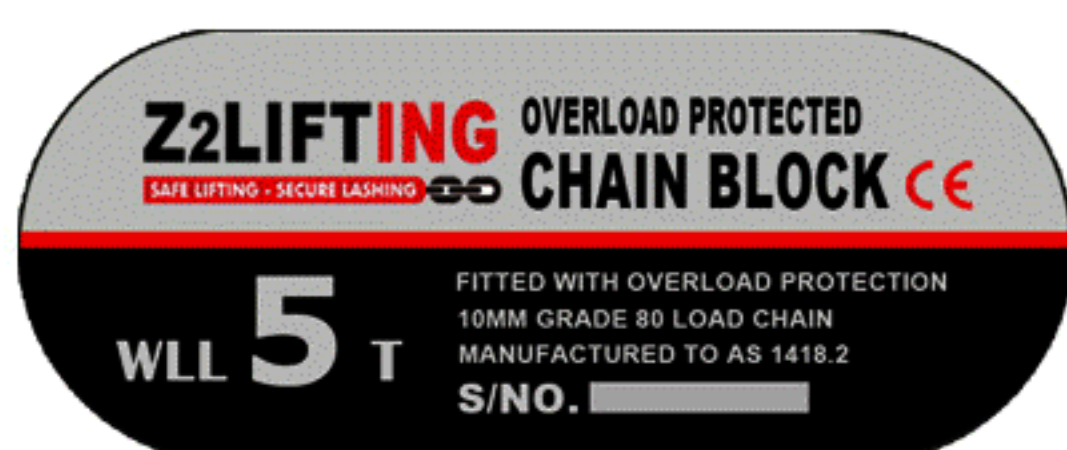


with Iron Sheet



with Nylon

## NAME PLATE



2mm thickness Aluminum Name Plate  
Special Design for your own name plate available  
Excellet print quality on your plate  
Removable and replacable  
Stainless Steel Name Plate available upon request

## OVERLOAD LIMITER



Overload Limiter availbale upon request for all types of Chain blocks and lever blocks from 0.5T to 20T.

**Limiter - B**



**Limiter - A**



## OTHER OPTIONS



Load displayer is available for some special requirements.

Z2 Grade 8 and Grade 10 lifting chain on options.  
Other popular brand lifting chain available upon request, RUD, PEWAG, FEC etc.  
Kind of coated finish for the parts according to use purposes or your requests:  
Hooks, Cover and plates: Powder Painted, Blacken, Galvanised, Dacormat and Chromeplate;  
Chains: Blacken, Galvanised, Dacormat;  
Other parts or fittings: Blacken, Galvanised, Dacormat and Chromeplate.  
OME your own hoists available.

# OVERLOAD PROTECTION CHAIN HOIST

Capacities from 0.5 up to 20 tonnes

Improved hook tips  
with cast self-locking  
latches.



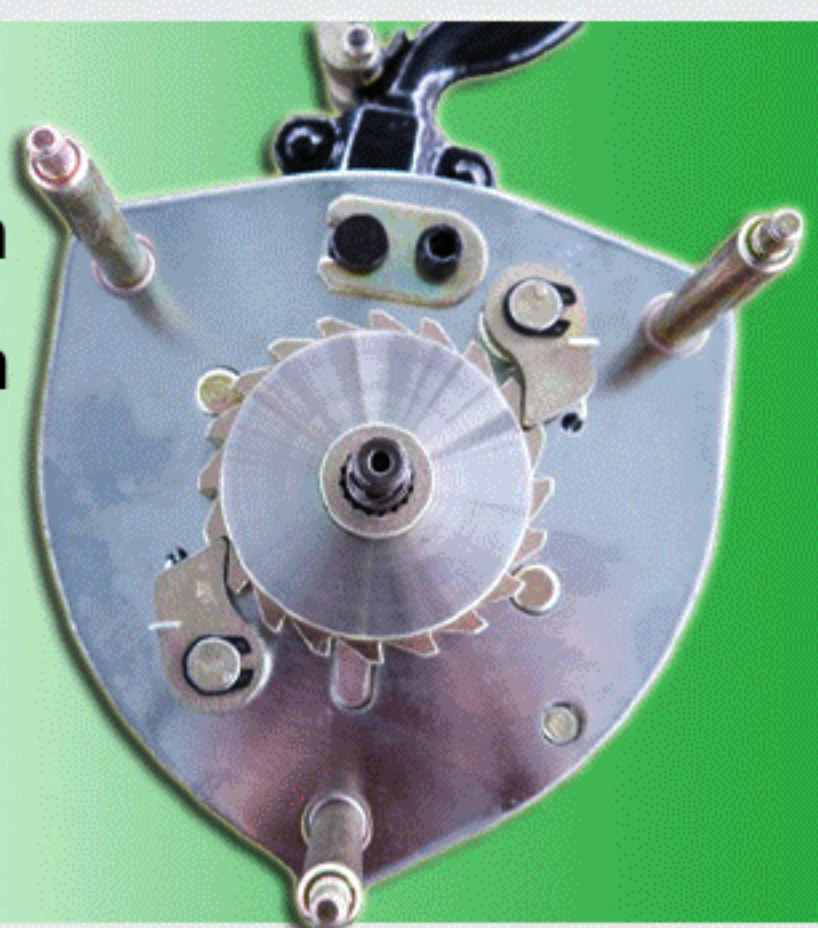
Integrated safety  
Overload Clutch.



Extra Thinkness  
Ratchet Gear match  
Double Pawls.



Chrome plated finish  
on side plate, golden  
zinc plated on inner  
parts.



Innovative bottom  
hook with caged  
roller bearings.



Powder Coated  
paint finish

Aluminum  
name plate

All steel  
construction

High strength  
plated alloy  
load chain

Camber design  
without any  
tuber for free  
lift.



Complies to AS1418.2

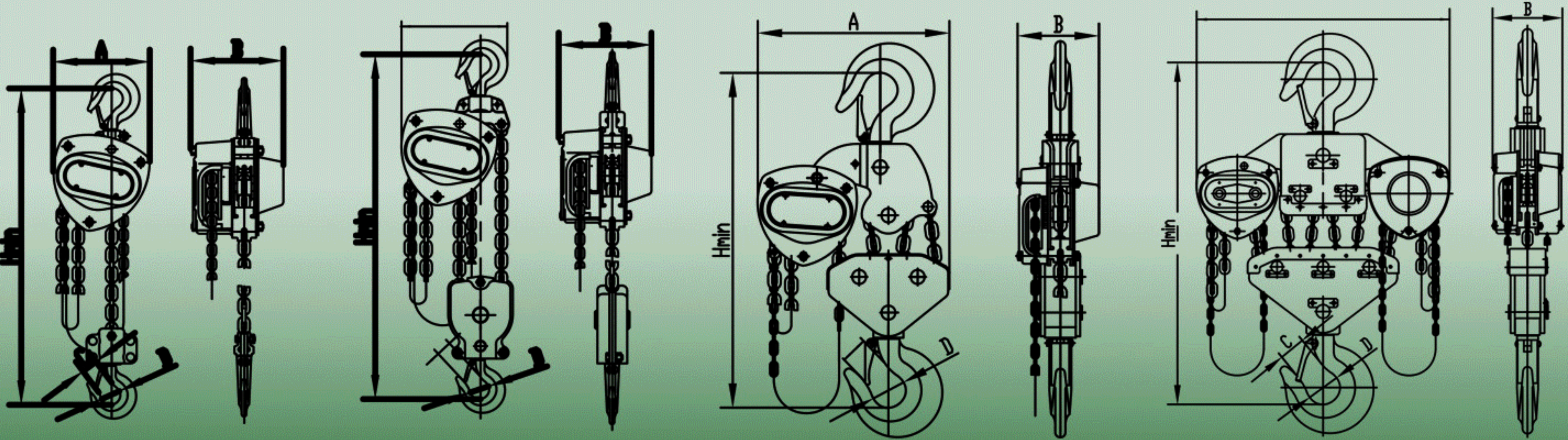
**Z2LIFTING**

[www.z2lifting.com](http://www.z2lifting.com)



**OVERLOAD PROTECTION  
CHAIN HOIST**

| Model Code                           |      | ZSZ-D1/2 | ZSZ-D1 | ZSZ-D2 | ZSZ-D3 | ZSZ-D5 | ZSZ-D10 | ZSZ-D20 |
|--------------------------------------|------|----------|--------|--------|--------|--------|---------|---------|
| Capacity                             | T    | 0.5      | 1      | 2      | 3      | 5      | 10      | 20      |
| Standard Lift                        | m    | 3/6      | 3      | 3      | 3      | 3      | 3       | 6       |
| Running Test Load                    | T    | 0.75     | 1.5    | 3      | 4.5    | 7.5    | 15      | 30      |
| Effort Required To Lift Rated Load   | N    | 255      | 260    | 300    | 335    | 360    | 392     | 392x2   |
| Falls of Load Chain                  |      | 1        | 1      | 1      | 2      | 2      | 4       | 8       |
| Load Chain Diameter                  | mm   | Φ5x15    | Φ6x18  | Φ8x24  | Φ7x21  | Φ10x30 | Φ10x30  | Φ10x30  |
| Dimensions                           | A    | 153      | 177    | 217    | 205    | 240    | 395     | 837     |
|                                      | B    | 150      | 176    | 212    | 198    | 238    | 200     | 189     |
|                                      | C    | 139      | 150    | 180    | 177    | 192    | 192     | 81.4    |
|                                      | D    | 27       | 30     | 40     | 43     | 50     | 57      | 109     |
|                                      | Hmin | 320      | 360    | 430    | 600    | 684    | 850     | 970     |
| Net Weight                           | Kg   | 9.5/14.2 | 12.5   | 21     | 25     | 41     | 82      | 244     |
| Extra Weight Per Meter of Extra Lift | Kg   | 1.58     | 1.82   | 2.44   | 3.32   | 4.64   | 8.26    | 16.52   |



**ZeLiFTING**

Specifications and dimensions subject to change without notice. 09/14



**OVERLOAD PROTECTION**

# LEVER HOIST

Capacities from 0.75 up to 9 tonnes



Reinforced handle with improved hand grip for greater user safety.



Improved hook design with extra heavy duty cast safety latches.

Integrated safety overload clutch to ensure blocks cannot be manually overloaded.



Improved hand wheel design for easy operation.

Innovative bottom hook with caged roller bearing for easy swivelling under load.



All steel construction

Powder Coated paint finish

Aluminum name plate

High strength plated alloy load chain for extra corrosion resistance.

Unique bottom hook design for extra safety.



Complies to AS1418.2

**Z2LIFTING**

[sales@z2lifting.com](mailto:sales@z2lifting.com)

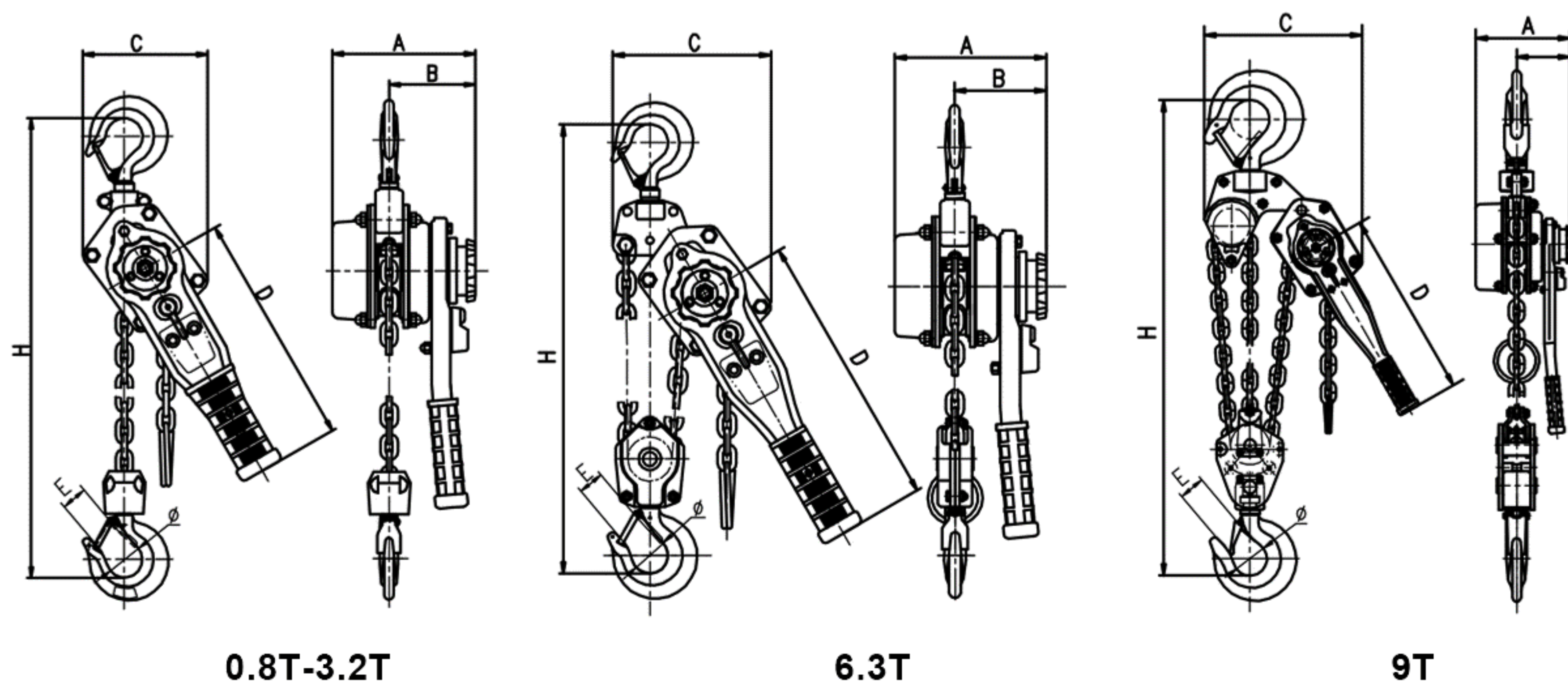
[www.z2lifting.com](http://www.z2lifting.com)



## OVERLOAD PROTECTION LEVER HOIST

| Model Code                           |    | ZG800LS | ZG1600LS | ZG3200LS | ZG6000LS | ZG9000LS |
|--------------------------------------|----|---------|----------|----------|----------|----------|
| Capacity                             | T  | 0.8     | 1.6      | 3.2      | 6.3      | 9        |
| Standard Lift                        | m  | 1.5     | 1.5      | 1.5      | 1.5      | 1.5      |
| Running Test Load                    | T  | 0.96    | 1.92     | 3.84     | 7.56     | 10.8     |
| Effort To Lift Rated Load            | N  | 250     | 373      | 390      | 398      | 400      |
| Falls of Load Chain                  |    | 1       | 1        | 1        | 2        | 3        |
| Load Chain Diameter                  | mm | Φ6x18   | Φ7x21    | Φ10x30   | Φ10x30   | Φ10x30   |
| Dimensions                           | A  | 157     | 178      | 206      | 206      | 206      |
|                                      | B  | 94      | 104      | 118      | 118      | 118      |
|                                      | C  | 140     | 145      | 199      | 230      | 342      |
|                                      | Ø  | 37.5    | 42.5     | 50       | 65       | 85       |
|                                      | E  | 26      | 31       | 37       | 46       | 55       |
| Min.Distance between hooks           | H  | 365     | 400      | 520      | 595      | 800      |
| Length o Lever handle                | D  | 245     | 325      | 405      | 405      | 405      |
| Net Weight                           | Kg | 7.9     | 10.9     | 14.4     | 35       | 50       |
| Extra Weight Per Meter of Extra Lift | Kg | 0.8     | 1.1      | 2.2      | 4.4      | 6.6      |

**Note: Longer lifting height available on request!**



0.8T-3.2T

6.3T

9T



**OVERLOAD PROTECTION**

# LEVER HOIST

Capacities from 0.75 up to 9 tonnes



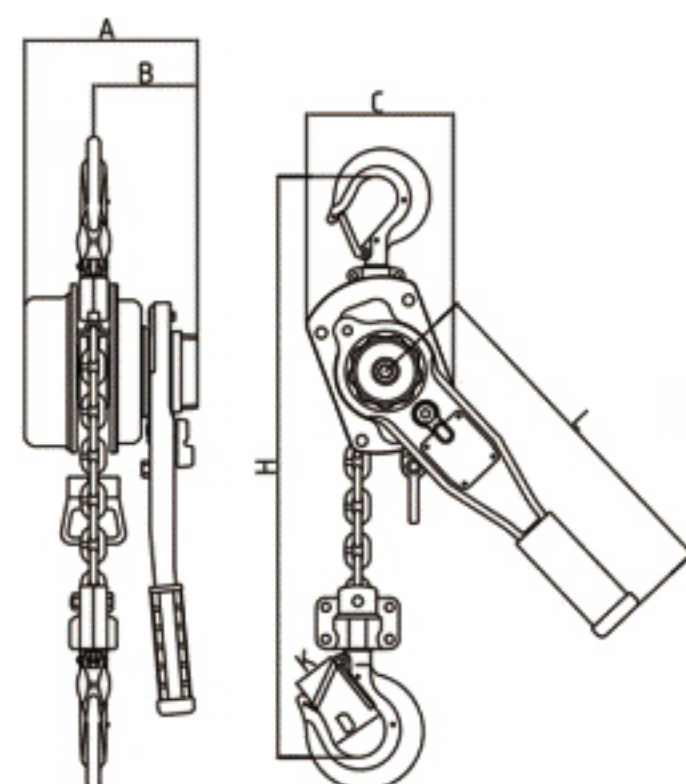
## 'G' Series -D Tpye Lever Hoist

Capacities from 0.75 to 9 tonnes

Robust all steel lever hoist suitable for all industrial applications

### Special Features:

- Low weight robust construction and exceptionally strong
- Easy to use free wheeling capabilities
- Automatic weston brake with twin pawls
- Innovative drop-forged bottom hooks fitted with caged roller bearings
- Short hand lever with rubber grip
- Overload protection is available
- Cast steel safety latches
- Galvanised load chain
- Durable painted finish



| Model Code                           |    | ZGL-D3/4 | ZGL-D3/2 | ZGL-D3 | ZGL-D6 | ZGL-D9 |
|--------------------------------------|----|----------|----------|--------|--------|--------|
| Capacity                             | T  | 0.75     | 1.5      | 3      | 6      | 9      |
| Standard Lift                        | m  | 1.5      | 1.5      | 1.5    | 1.5    | 1.5    |
| Running Test Load                    | T  | 1.125    | 2.25     | 4.5    | 9      | 13.5   |
| Effort To Lift Rated Load            | N  | 180      | 380      | 450    | 500    | 500    |
| Falls of Load Chain                  |    | 1        | 1        | 1      | 2      | 3      |
| Load Chain Diameter                  | mm | Φ6x18    | Φ8x24    | Φ10x30 | Φ10x30 | Φ10x30 |
| Dimensions                           | A  | 148      | 172      | 200    | 200    | 200    |
|                                      | B  | 90       | 98       | 115    | 115    | 115    |
|                                      | C  | 136      | 160      | 180    | 235    | 335    |
|                                      | K  | 28       | 38       | 42     | 50     | 57     |
|                                      | L  | 250      | 300      | 375    | 375    | 375    |
| Net Weight                           | Kg | 7.4      | 11.6     | 20     | 29.4   | 45     |
| Extra Weight Per Meter of Extra Lift | Kg | 0.8      | 1.1      | 2.2    | 4.4    | 6.6    |

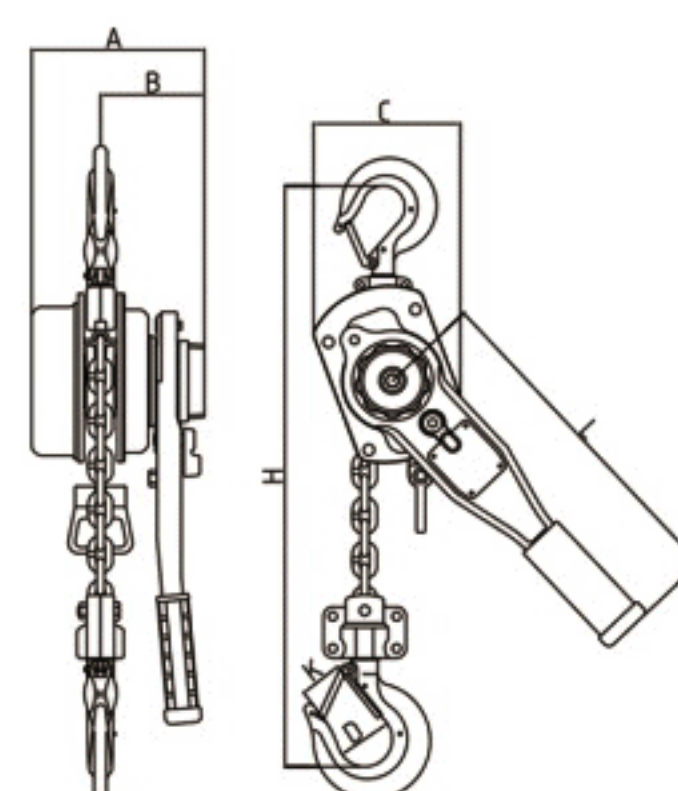
## ‘G’ Series Mini Manual Lever Hoist

### Capacities upto 250 KG

Strong and powerful yet compact and lightweight lever hoist capable of lifting, pulling or lowering up to 250kg. Small enough to fit in your toolbox.

Special features:

- Compact lightweight design
- Easy to use free wheeling capabilities
- Chrome plated covers
- Galvanised load chain
- Durable painted finish on hooks



| Model Code | Capacity | Standard Lift | Proof Load | Effort To Lift Rated Load | Falls of Load Chain | Load Chain Diameter | Dimensions |    |    |    |     | Net Weight | Extra Weight Per Meter of Extra Lift | Package Size LxBxH |
|------------|----------|---------------|------------|---------------------------|---------------------|---------------------|------------|----|----|----|-----|------------|--------------------------------------|--------------------|
|            | T        | m             | Kg         | N                         |                     | mm                  | A          | B  | C  | K  | L   | Kg         | Kg                                   | cm                 |
| ZLG1/4     | 0.25     | 1             | 375        | 250                       | 1                   | Ø4                  | 92         | 72 | 85 | 25 | 160 | 1.8        | 0.4                                  | 22x18x11           |

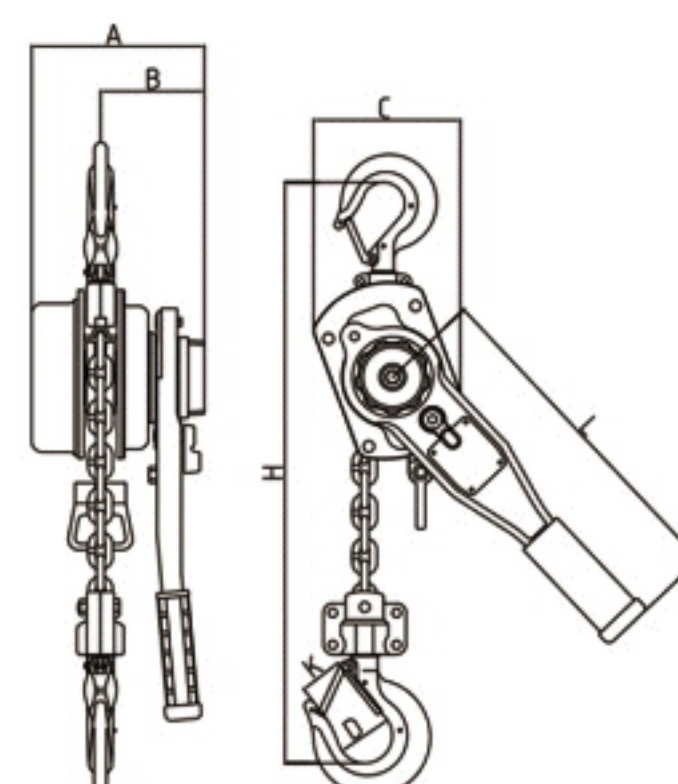
## ‘G’ Series Mini Manual Lever Hoist

### Capacities upto 500 KG

Strong and powerful and lightweight lever hoist capable of lifting, pulling or lowering up to 500kg.

Special features:

- Low weight robust construction and exceptionally strong
- Easy to use free wheeling capabilities
- Cast steel safety latches
- Galvanised load chain
- Durable painted finish
- Automatic weston brake with twin pawls
- Innovative drop-forged bottom hooks fitted with caged roller bearings



| Model Code | Capacity | Standard Lift | Proof Load | Effort To Lift Rated Load | Falls of Load Chain | Load Chain Diameter | Dimensions |    |    |    |     | Net Weight | Extra Weight Per Meter of Extra Lift | Package Size LxBxH |
|------------|----------|---------------|------------|---------------------------|---------------------|---------------------|------------|----|----|----|-----|------------|--------------------------------------|--------------------|
|            | T        | m             | T          | N                         |                     | mm                  | A          | B  | C  | K  | L   | Kg         | Kg                                   | cm                 |
| ZLG1/2     | 0.5      | 1.5           | 0.75       | 340                       | 1                   | Ø5                  | 105        | 78 | 80 | 25 | 300 | 4          | 0.52                                 | 37x12x11           |

# CHAIN HOIST



## 'G' Series Manual Chian Hoist

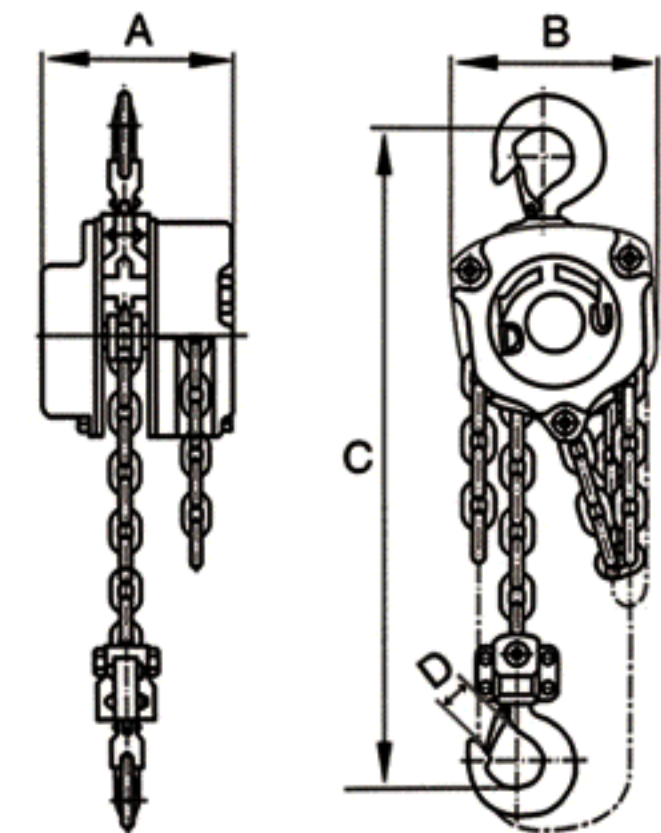
Capacities from 0.5 to 100 tonnes

- Light weight Robust Construction
- High strength alloy load chain
- Minimum headroom
- Minimum effort to raise maximum load
- Fully enclosed gear train
- Durable backed enamel paint protection
- Drop-forged and expertly heat treated hooks
- Automatic twin pawl braking system
- Zinc plated hand chain as standard
- Overload protection is available

| Model Code                           |    | ZCG1/2   | ZCG3/4   | ZCG3/2   | ZCG2     | ZCG3     | ZCG5     | ZCG10    | ZCG20    |
|--------------------------------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| Capacity                             | T  | 0.5      | 1        | 1.5      | 2        | 3        | 5        | 10       | 20       |
| Standard Lift                        | m  | 2.5      | 2.5      | 2.5      | 3        | 3        | 3        | 3        | 3        |
| Running Test Load                    | T  | 0.75     | 1.5      | 2.25     | 4.5      | 4.5      | 7.5      | 15       | 30       |
| Effort To Lift Rated Load            | N  | 231      | 309      | 320      | 320      | 360      | 414      | 420      | 420x2    |
| Falls of Load Chain                  |    | 1        | 1        | 1        | 1        | 2        | 2        | 4        | 8        |
| Load Chain Diameter                  | mm | Ø5       | Ø6       | Ø7/8     | Ø8       | Ø7/8     | Ø9/10    | Ø9/10    | Ø10      |
| Dimensions                           | A  | 115      | 143      | 148      | 152      | 148      | 181      | 181      | 192      |
|                                      | B  | 136      | 156      | 182      | 198      | 182      | 266      | 365      | 630      |
|                                      | C  | 270      | 317      | 399      | 414      | 465      | 636      | 798      | 890      |
|                                      | D  | 25       | 27       | 34       | 36       | 38       | 48       | 57       | 84       |
| Net Weight                           | Kg | 7        | 10.5     | 17/18    | 18       | 22/24    | 37/40    | 65/70    | 162      |
| Extra Weight Per Meter of Extra Lift | Kg | 1.5      | 1.8      | 2.1/2.7  | 2.3      | 4.2/5.4  | 4.6/5.6  | 8/9.8    | 19.6     |
| Package Size LxBxH                   | cm | 20x16x19 | 23x18x20 | 27x22x22 | 27x22x22 | 31x23x21 | 42x28x24 | 54x49x28 | 78x72x34 |

Test certificate and instruction always supplied with every hoist

Spare parts always available



## 'J' Series Manual Chian Hoist

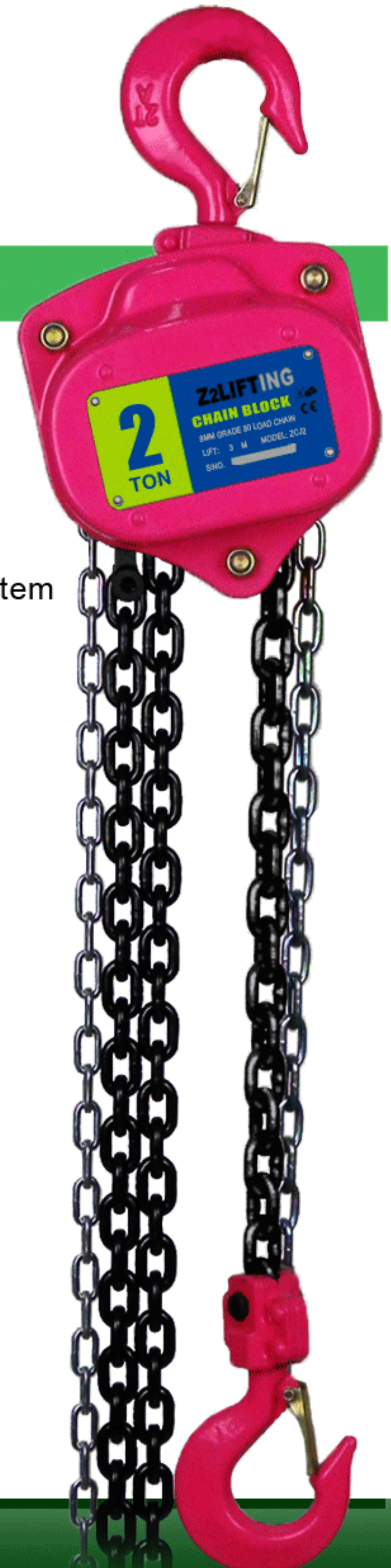
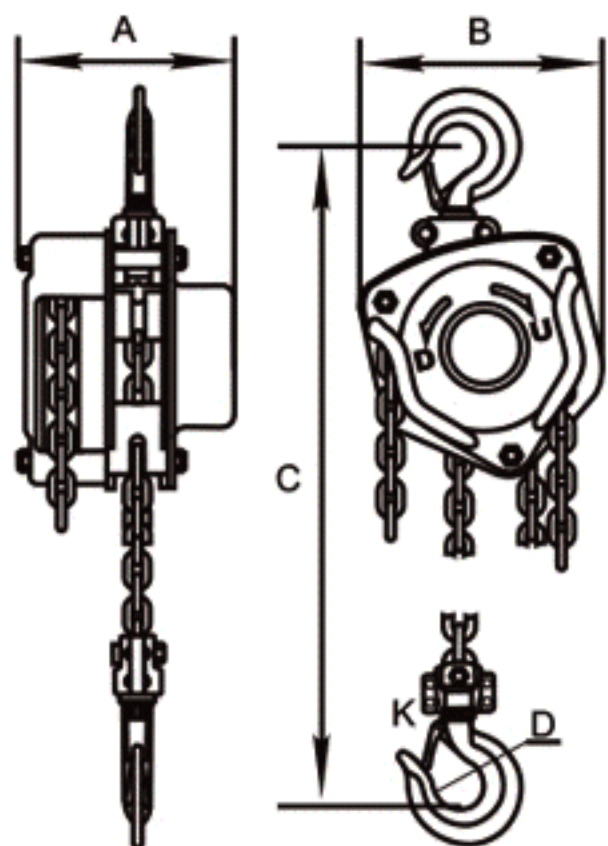
Capacities from 0.5 to 100 tonnes

- Robust all steel Construction
- High strength alloy load chain
- Minimum headroom
- Minimum effort to raise maximum load
- Powder coated paint finish
- Drop-forged hooks
- Zinc plated hand chain
- Automatic twin pawl braking system
- Overload protection is available

| Model Code                           |    | ZCJ1/2   | ZCJ3/4   | ZCJ3/2    | ZCJ2     | ZCJ3      | ZCJ5      | ZCJ10    | ZCJ20    |
|--------------------------------------|----|----------|----------|-----------|----------|-----------|-----------|----------|----------|
| Capacity                             | T  | 0.5      | 1        | 1.5       | 2        | 3         | 5         | 10       | 20       |
| Standard Lift                        | m  | 2.5      | 2.5      | 2.5       | 3        | 3         | 3         | 3        | 3        |
| Running Test Load                    | T  | 0.75     | 1.5      | 2.25      | 4.5      | 4.5       | 7.5       | 15       | 30       |
| Effort To Lift Rated Load            | N  | 200      | 320      | 360       | 365      | 385       | 435       | 435      | 420x2    |
| Falls of Load Chain                  |    | 1        | 1        | 1         | 1        | 2         | 2         | 4        | 8        |
| Load Chain Diameter                  | mm | Ø5       | Ø6       | Ø7/8      | Ø8       | Ø7/8      | Ø9/10     | Ø9/10    | Ø9/10    |
| Dimensions                           | A  | 131      | 140      | 161       | 161      | 161       | 186       | 207      | 215      |
|                                      | B  | 127      | 158      | 187       | 187      | 210       | 253       | 398      | 650      |
|                                      | C  | 270      | 317      | 399       | 414      | 465       | 636       | 798      | 890      |
|                                      | K  | 30       | 34       | 38        | 41       | 48        | 52        | 64       | 85       |
| Net Weight                           | Kg | 8.4      | 11       | 16.2/17.2 | 18.5     | 25.6/27.6 | 42.8/45.8 | 80/85    | 193      |
| Extra Weight Per Meter of Extra Lift | Kg | 1.5      | 1.8      | 2.1/2.7   | 2.3      | 4.2/5.4   | 4.8/5.6   | 8/9.8    | 19.6     |
| Package Size LxBxH                   | cm | 22x15x20 | 23x18x20 | 28x21x24  | 28x21x24 | 32x21x26  | 42x28x24  | 54x49x28 | 78x72x34 |

Test certificate and instruction always supplied with every hoist

Spare parts always available

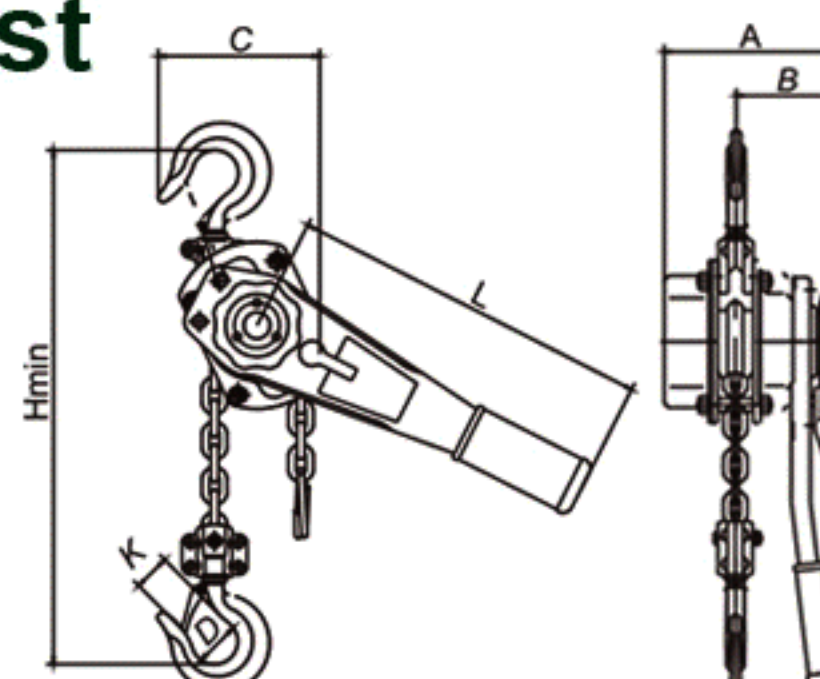




## 'G' Series Manual Lever Hoist

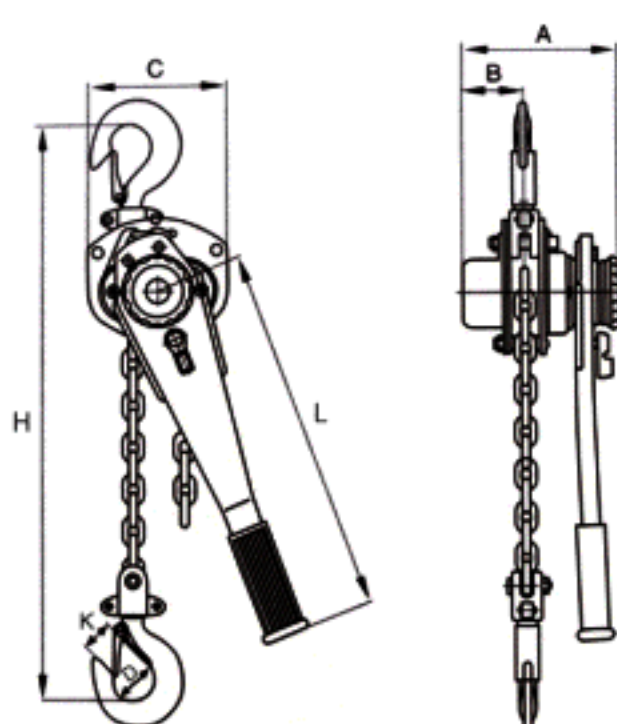
Capacities from 0.75 to 9 tonnes

- Low weight and exceptionally strong
- Drop-forged and expertly heat treated hooks
- Short hand lever with rubber grip
- Overload protection is available



| Model Code                           |    | ZLG3/4   | ZLG1     | ZLG3/2   | ZLG2     | ZLG3     | ZLG6     | ZLG9     |
|--------------------------------------|----|----------|----------|----------|----------|----------|----------|----------|
| Capacity                             | T  | 0.75     | 1        | 1.5      | 2        | 3        | 6        | 9        |
| Standard Lift                        | m  | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      |
| Proof Load                           | T  | 1.2      | 1.5      | 2.25     | 3        | 4.5      | 9        | 13.5     |
| Effort To Lift Rated Load            | N  | 140      | 140      | 220      | 240      | 320      | 340      | 360      |
| Falls of Load Chain                  |    | 1        | 1        | 1        | 1        | 1        | 2        | 3        |
| Load Chain Diameter                  | mm | Ø6       | Ø6       | Ø8       | Ø8       | Ø10      | Ø10      | Ø10      |
| Dimensions                           | A  | 145      | 148      | 175      | 172      | 203      | 203      | 203      |
|                                      | B  | 86       | 90       | 100      | 98       | 118      | 118      | 118      |
|                                      | C  | 122      | 136      | 130      | 160      | 150      | 205      | 316      |
|                                      | D  | 30       | 27       | 36       | 36       | 40       | 50       | 58       |
|                                      | H  | 320      | 320      | 380      | 380      | 480      | 620      | 700      |
| Net Weight                           | Kg | 7        | 7        | 11       | 11.8     | 21       | 31       | 47       |
| Extra Weight Per Meter of Extra Lift | Kg | 0.8      | 0.8      | 1.4      | 1.4      | 2.2      | 4.4      | 6.6      |
| Package Size LxBxH                   | cm | 36x13x16 | 32x16x16 | 50x14x19 | 44x18x17 | 54x17x22 | 54x18x22 | 82x32x22 |

Test certificate and instruction always supplied with every hoist  
Spare parts always available



## 'J' Series Manual Lever Hoist

Capacities from 0.75 to 9 tonnes

- One touch operation for free chain adjustment
- Light weight and exceptionally strong
- Robust all steel construction ensure safety
- Overload protection is available

| Model Code                           |    | ZLJ3/4   | ZLJ1     | ZLJ3/2   | ZLJ2     | ZLJ3     | ZLJ6     | ZLJ9     |
|--------------------------------------|----|----------|----------|----------|----------|----------|----------|----------|
| Capacity                             | T  | 0.75     | 1        | 1.5      | 2        | 3        | 6        | 9        |
| Standard Lift                        | m  | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      |
| Proof Load                           | T  | 1.2      | 1.5      | 2.25     | 3        | 4.5      | 9        | 13.5     |
| Effort To Lift Rated Load            | N  | 145      | 150      | 200      | 220      | 280      | 310      | 320      |
| Falls of Load Chain                  |    | 1        | 1        | 1        | 1        | 1        | 2        | 3        |
| Load Chain Diameter                  | mm | Ø6       | Ø6       | Ø7       | Ø8       | Ø10      | Ø10      | Ø10      |
| Dimensions                           | A  | 155      | 155      | 165      | 165      | 185      | 195      | 195      |
|                                      | B  | 60       | 60       | 65       | 65       | 85       | 85       | 85       |
|                                      | C  | 135      | 135      | 145      | 145      | 195      | 250      | 335      |
|                                      | K  | 24       | 24       | 31       | 31       | 34       | 43       | 55       |
|                                      | H  | 300      | 320      | 365      | 365      | 440      | 575      | 700      |
| Net Weight                           | Kg | 7        | 7        | 11       | 12       | 18       | 28.5     | 45       |
| Extra Weight Per Meter of Extra Lift | Kg | 0.8      | 0.8      | 1.1      | 1.4      | 2.2      | 4.4      | 6.6      |
| Package Size LxBxH                   | cm | 32x16x16 | 32x16x16 | 44x18x17 | 44x18x17 | 46x20x19 | 49x20x22 | 56x32x23 |

Test certificate and instruction always supplied with every hoist  
Spare parts always available



# WIRE ROPE PULLING HOIST



## SPECIFICATIONS

### CAPACITIES FROM 800KG to 5400KG

- Extremely versatile to safely lift, pull, lower or stretch loads over long distances.
- Can be used in horizontal, vertical or angled positions.
- Lightweight, portable and compact design.
- Built in overload protection by a shear pin arrangement in the forward lever. Broken shear pins can be replaced without removing the load.
- High strength housing made by forged aluminium plates with durable baked enamel paint protection.
- All internal components are galvanised to minimise corrosion.
- The rope gripping system is easily disengaged with a lever, allowing smooth installation of the wire rope.
- Unique wire rope reeler for easier and safer rope storage.
- 100% proof tested and certified.
- Longer length of wire rope is available upon request.

| Model Code                   |      | ZWPH08   | ZWPH16   | ZWPH32   | ZWPH54   |
|------------------------------|------|----------|----------|----------|----------|
| Rated Capacity               | Kg   | 800      | 1600     | 3200     | 5400     |
| Lever Force at Full Load     | N    | 341      | 400      | 438      | 745      |
| Rope advance Per Full Strock | mm   | >52      | >55      | >28      | >30      |
| Wire Rope Diameter           | mm   | 8.3      | 11       | 16       | 20       |
| Standard Length of Wire Rope | M    | 20       | 20       | 20       | 20       |
| Max. Travelling Load         | Kg   | 1200     | 2400     | 4000     | 8000     |
| Net Weight Without Cable     | Kg   | 6.5      | 12       | 23       | 58       |
| Net Weight of Wire Rope      | Kg/m | 0.28     | 0.5      | 1        | 1.6      |
| Hoist Package Size LxBxH     | cm   | 36x13x16 | 50x14x19 | 54x17x22 | 82x32x22 |

For Lower Hook:  
Eye sling hook &  
Swivel self locking hook



On Your Option





WITH BOTTOM EYE

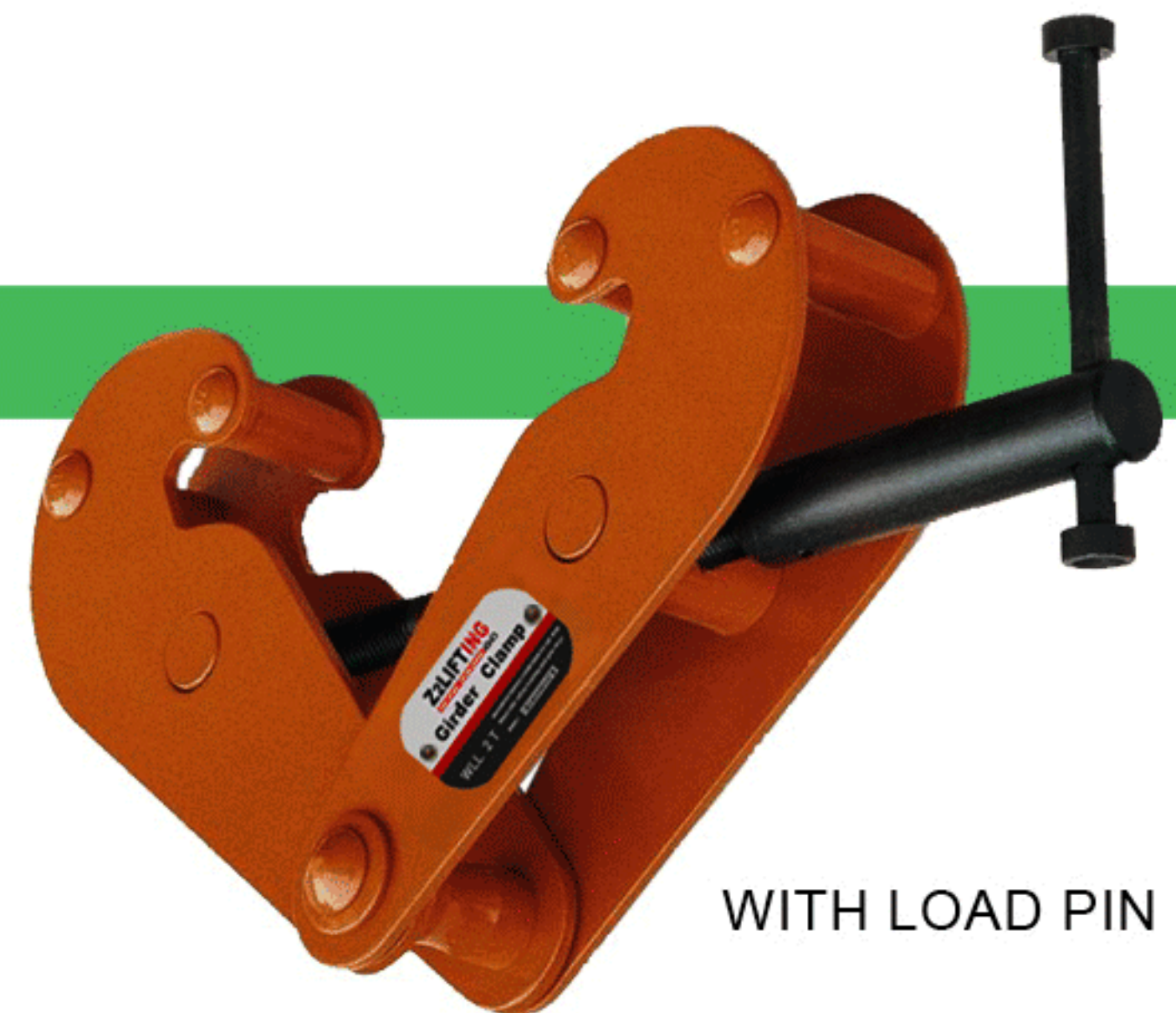
## ‘LJ’ Series Girder Clamps

**CAPACITIES FROM  
1 tonnes to 10 tonnes**

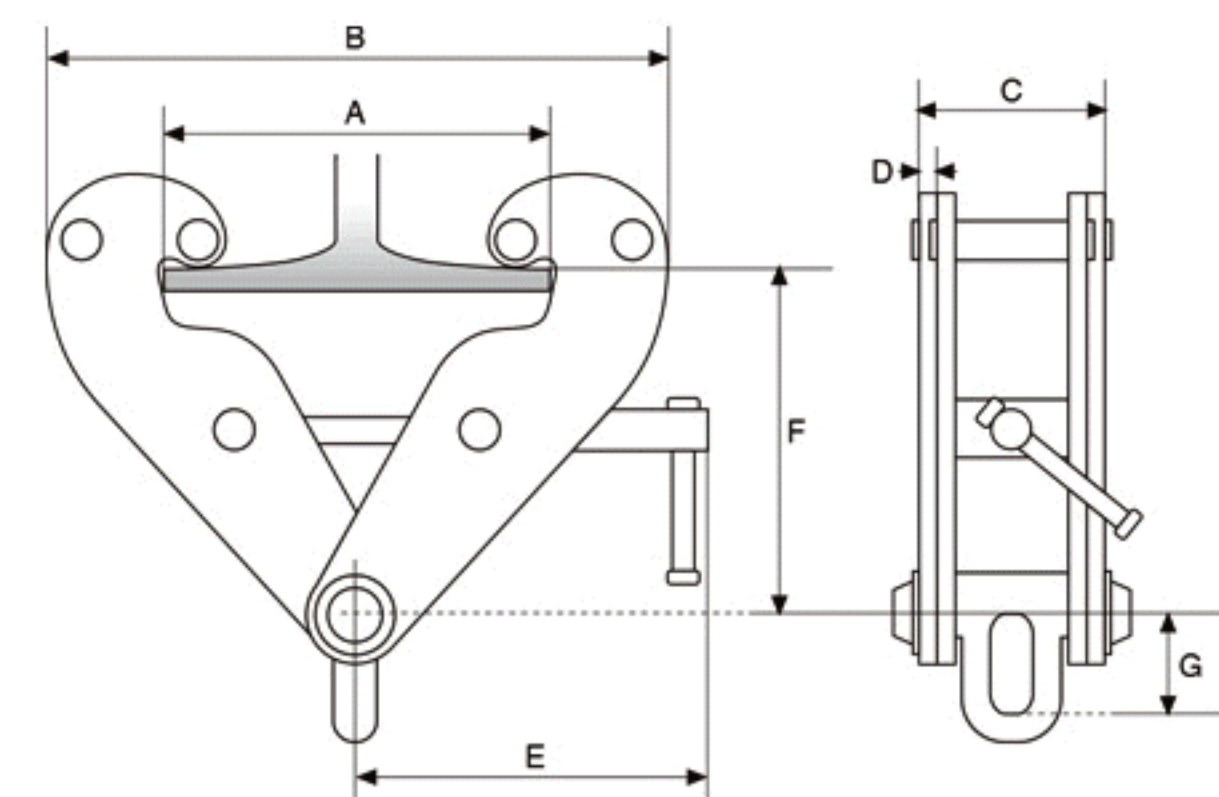
Z2 GIRDER CLAMP is a versatile lifting tool designed for heavy duty application and used for lifting, pulling or as an anchor point. They are providing an easy to operate secure means of attaching a lift point to an overhead beam.

## SPECIAL FEATURES

- Available in 1t, 2t, 3t, 5t and 10t capacities.
- Easily adjust to suit any girder width in range.
- Bottom eye allows simple attachment of a chain block or lever hoist.
- Bottom eye swivels for sideways lifting ( 50% of WLL at 45°)
- Robust all - steel construction.
- Aluminium / Stainless steel ID plates.
- Proof load tested at manufacture (2 x WLL).

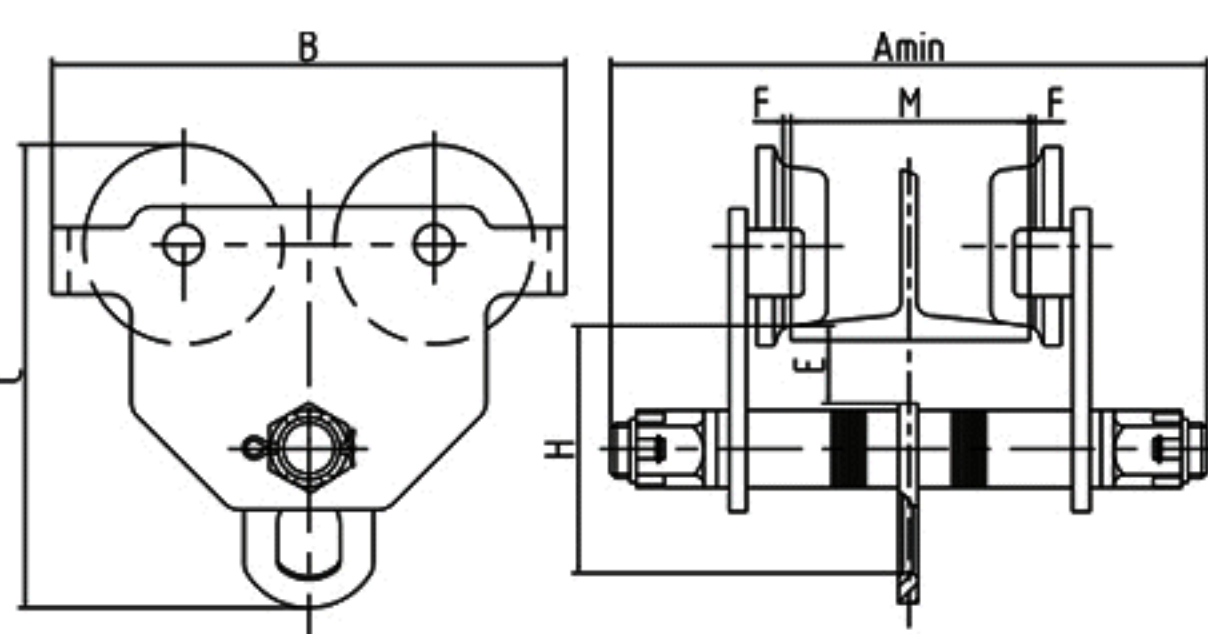


WITH LOAD PIN



| PRODUCT CODE | WLL tonnes | BEAM FLANGE RANGE mm | WEIGHT/unit KG | DIMENSIONS mm |        |        |     |    |     |        |        |    |
|--------------|------------|----------------------|----------------|---------------|--------|--------|-----|----|-----|--------|--------|----|
|              |            |                      |                | Max. A        | Max. B | Min. B | C   | D  | E   | Max. F | Min. F | G  |
| Z2GCB01      | 1          | 75-230               | 4.5            | 284           | 375    | 180    | 64  | 4  | 218 | 160    | 102    | 45 |
| Z2GCB02      | 2          | 75-230               | 5.0            | 1284          | 375    | 180    | 74  | 6  | 218 | 160    | 102    | 45 |
| Z2GCB03      | 3          | 80-320               | 10.5           | 365           | 498    | 220    | 103 | 8  | 271 | 240    | 168    | 58 |
| Z2GCB05      | 5          | 80-320               | 11.0           | 365           | 498    | 220    | 110 | 10 | 271 | 240    | 168    | 58 |
| Z2GCB10      | 10         | 90-320               | 16.0           | 356           | 514    | 250    | 120 | 12 | 280 | 242    | 172    | 90 |

# PLAIN TROLLEY

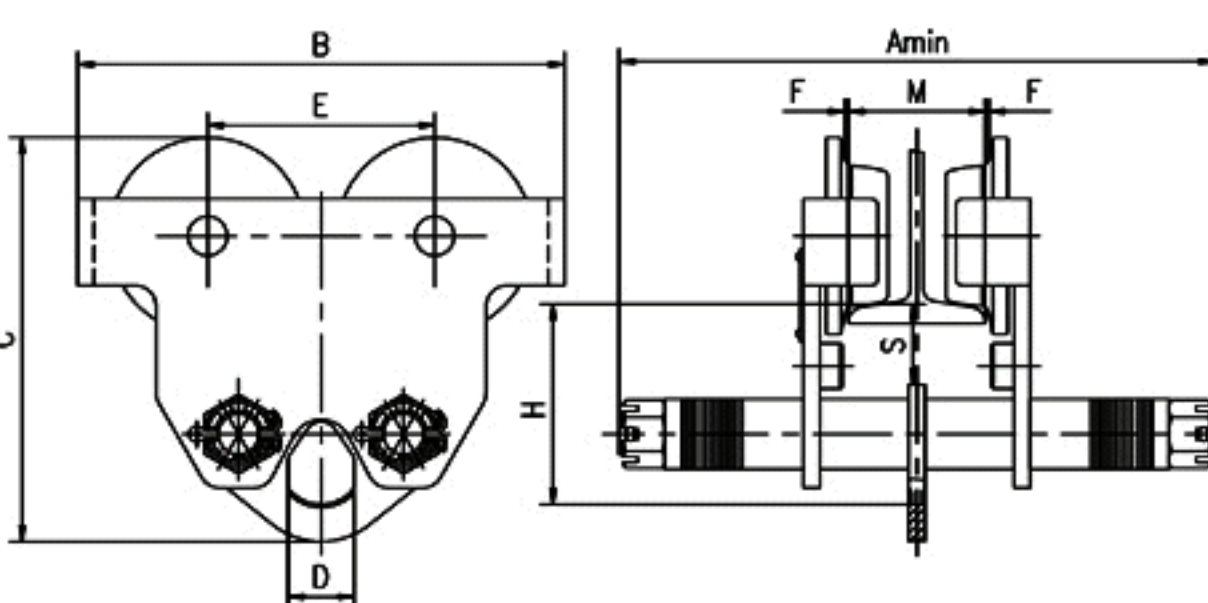


## 'DK' Series Plain Trolley

Capacities from 0.5 to 5 tonnes

- Single shaft design
- Install bend-ear type plate
- Disassemble easily & working freely

| Model Code        |                          | ZPT1/2 | ZPT1   | ZPT3/2 | ZPT2   | ZPT3    | ZPT5    |         |
|-------------------|--------------------------|--------|--------|--------|--------|---------|---------|---------|
| Rated Capacity    | Ton                      | 0.5    | 1      | 1.5    | 2      | 3       | 5       |         |
| Test Load         | KN                       | 7.35   | 14.71  | 22.06  | 29.42  | 44.13   | 61.29   |         |
| Min. Radius Curve | m                        | 0.8    | 1.0    | 1.0    | 1.1    | 1.3     | 1.4     |         |
| Dimensions<br>mm  | Amin                     | a      | 195    | 240    | 246    | 270     | 294     | 322     |
|                   |                          | b      | 245    | 311    | 311    | 327     | 343     | 355     |
|                   |                          | c      | 295    | 413    | 413    | 429     | 445     | 457     |
|                   | B                        | 199    | 246    | 260    | 276    | 332     | 377     |         |
|                   | C                        | 187    | 222    | 238    | 263    | 309     | 353     |         |
|                   | H                        | 105    | 125    | 134    | 150    | 171     | 196     |         |
|                   | E                        | 30     | 38     | 38     | 38     | 40      | 42      |         |
|                   | F                        | 1.5-3  |        |        |        |         |         |         |
|                   | I-beam width range<br>mm | a      | 50-102 | 64-132 | 74-138 | 88-146  | 100-154 | 114-170 |
| b                 |                          | 50-152 | 64-203 | 74-203 | 88-203 | 100-203 | 114-203 |         |
| c                 |                          | 50-203 | 64-305 | 74-305 | 88-305 | 100-305 | 114-305 |         |
| Net Weight<br>Kg  | a                        | 6      | 10     | 12     | 17     | 26      | 40      |         |
|                   | b                        | 6.5    | 10.5   | 12.5   | 17.5   | 27      | 41      |         |
|                   | c                        | 7      | 11.5   | 14     | 19     | 29      | 43      |         |



## 'MK' Series Plain Trolley

Capacities from 0.5 to 30 tonnes

- Double shaft design
- Install bend-ear type plate
- Disassemble easily & working freely

### PRECAUTION: (For all DK & MK series trolleys)

1. Overloading is strictly prohibited.
2. While lifting load, passing or working under the lifting load is strictly prohibited.
3. Stop operating immediately and fix a breakdown in case pull/push force exceeds that of normal operation or there are troubles.
4. Bearing, gear, etc shall be greased regularly and examine fasteners to make sure that are tightened.

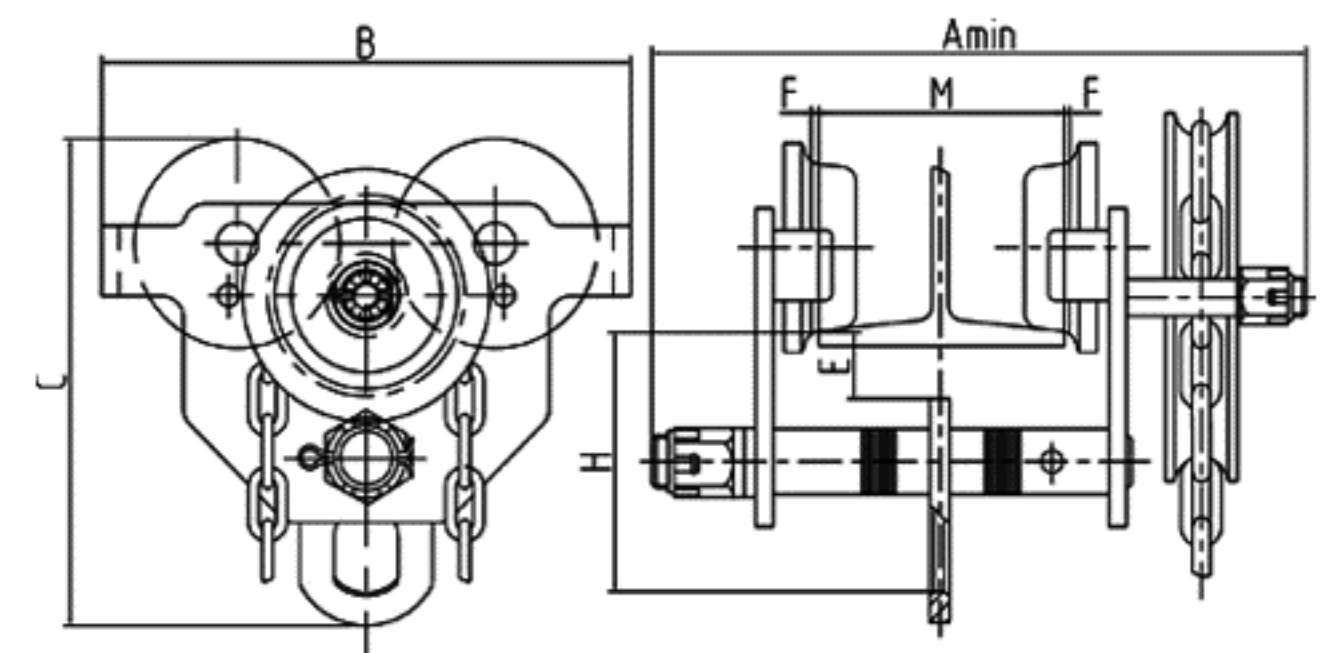
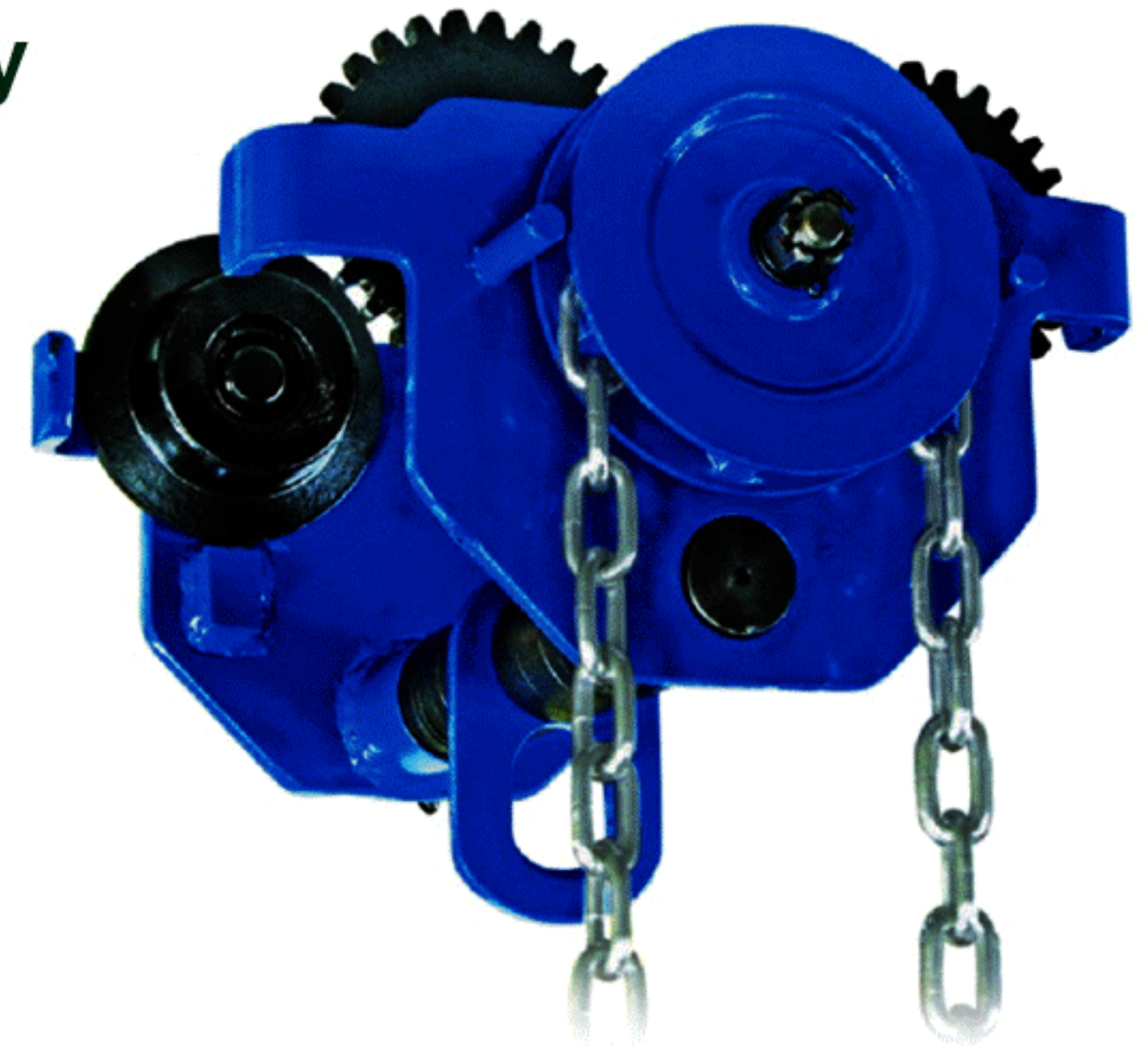
| Model Code        |                          | ZPT1/2D | ZPT1D  | ZPT3/2D | ZPT2D  | ZPT3D  | ZPT5D   | ZPT8D   | ZPT10D  | ZPT16D  | ZPT20D  | ZPT30D  |         |
|-------------------|--------------------------|---------|--------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| Rated Capacity    | Ton                      | 0.5     | 1      | 1.5     | 2      | 3      | 5       | 8       | 10      | 16      | 20      | 30      |         |
| Test Load         | KN                       | 7.35    | 14.71  | 22.06   | 29.42  | 44.13  | 61.29   | 98.06   | 122.58  | 196.12  | 245.17  | 367.74  |         |
| Min. Radius Curve | m                        | 0.8     | 0.9    | 1.0     | 1.0    | 1.2    | 1.3     | 2.0     | 2.0     | 3.5     | 3.5     | 6.0     |         |
| Dimensions<br>mm  | A                        | a       | 236    | 303     | 310    | 317    | 333     | 355     | 372     | 378     | 449     | 449     | -       |
|                   |                          | b       | 286    | 405     | 412    | 419    | 435     | 457     | 474     | 480     | 551     | 551     | 610     |
|                   | B                        | 194     | 236    | 250     | 268    | 322    | 362     | 426     | 442     | 555     | 555     | 710     |         |
|                   | C                        | 158     | 196    | 210     | 226    | 266    | 301     | 388     | 396     | 489     | 498     | 598     |         |
|                   | D                        | 28      | 32     | 36      | 42     | 52     | 62      | 72      | 72      | 95      | 95      | 105     |         |
|                   | H                        | 75      | 96     | 102     | 110    | 122    | 142     | 180     | 190     | 227     | 233     | 285     |         |
|                   | S                        | 30      | 38     | 38      | 38     | 40     | 42      | 45      | 45      | 56      | 58      | 65      |         |
|                   | F                        | 1.5-3   | 1.5-3  | 1.5-3   | 1.5-3  | 1.5-3  | 1.5-3   | 2-3.5   | 2-3.5   | 2-3.5   | 2-3.5   | 2-3.5   |         |
|                   | I-beam width range<br>mm | M       | a      | 50-152  | 64-203 | 74-203 | 88-203  | 100-203 | 114-203 | 124-203 | 124-203 | 136-203 | 136-203 |
| b                 |                          |         | 50-203 | 64-305  | 74-305 | 88-305 | 100-305 | 114-305 | 124-305 | 124-305 | 136-305 | 136-305 | 175-305 |
| Net Weight<br>Kg  |                          | a       | 6      | 11.5    | 14     | 18     | 30      | 44      | 73      | 82      | 157     | 159     | -       |
|                   |                          | b       | 6.5    | 13      | 16     | 20     | 34      | 50      | 79      | 89      | 164     | 167     | 325     |

# GEARED TROLLEY

- Single shaft design
- Install bend-ear type plate
- Disassemble easily & working freely

## 'DK' Series Geared Trolley

Capacities from 0.5 to 5 tonnes



| Model Code                   |     | ZGT1/2 | ZGT1   | ZGT3/2 | ZGT2   | ZGT3    | ZGT5    |
|------------------------------|-----|--------|--------|--------|--------|---------|---------|
| Rated Capacity               | Ton | 0.5    | 1      | 1.5    | 2      | 3       | 5       |
| Test Load                    | KN  | 7.35   | 14.71  | 22.06  | 29.42  | 44.13   | 61.29   |
| Running Height               | m   | 2.5    |        |        |        |         |         |
| Chain Pull to Full Lift Load | Kg  | 25     | 50     | 70     | 90     | 95      | 140     |
| Min. Radius Curve            | m   | 0.8    | 1.0    | 1.0    | 1.1    | 1.3     | 1.4     |
| Dimensions<br>mm             | a   | 226    | 267    | 273    | 292    | 313     | 341     |
|                              | b   | 277    | 338    | 338    | 349    | 362     | 374     |
|                              | c   | 326    | 440    | 440    | 451    | 464     | 476     |
|                              | B   | 199    | 246    | 260    | 276    | 332     | 377     |
|                              | C   | 187    | 222    | 238    | 263    | 309     | 353     |
|                              | H   | 105    | 125    | 134    | 150    | 171     | 196     |
|                              | E   | 30     | 38     | 38     | 38     | 40      | 42      |
| I-beam width range<br>mm     | F   | 1.5-3  |        |        |        |         |         |
|                              | a   | 50-102 | 64-132 | 74-138 | 88-146 | 100-154 | 114-170 |
|                              | b   | 50-152 | 64-203 | 74-203 | 88-203 | 100-203 | 114-203 |
| Net Weight<br>Kg             | c   | 50-203 | 64-305 | 74-305 | 88-305 | 100-305 | 114-305 |
|                              | a   | 10     | 14     | 17     | 21     | 30      | 45      |
|                              | b   | 10.5   | 14.5   | 17.5   | 21.5   | 31      | 46      |
|                              | c   | 11     | 15.5   | 19     | 23     | 33      | 48      |

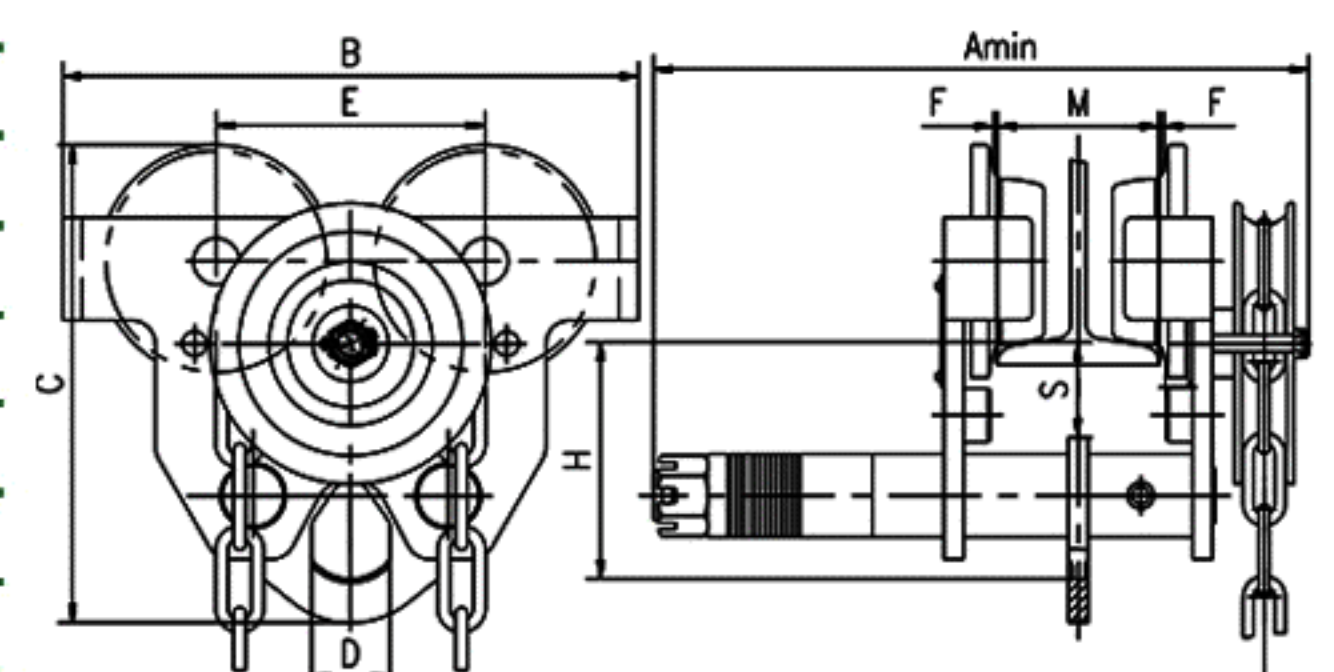
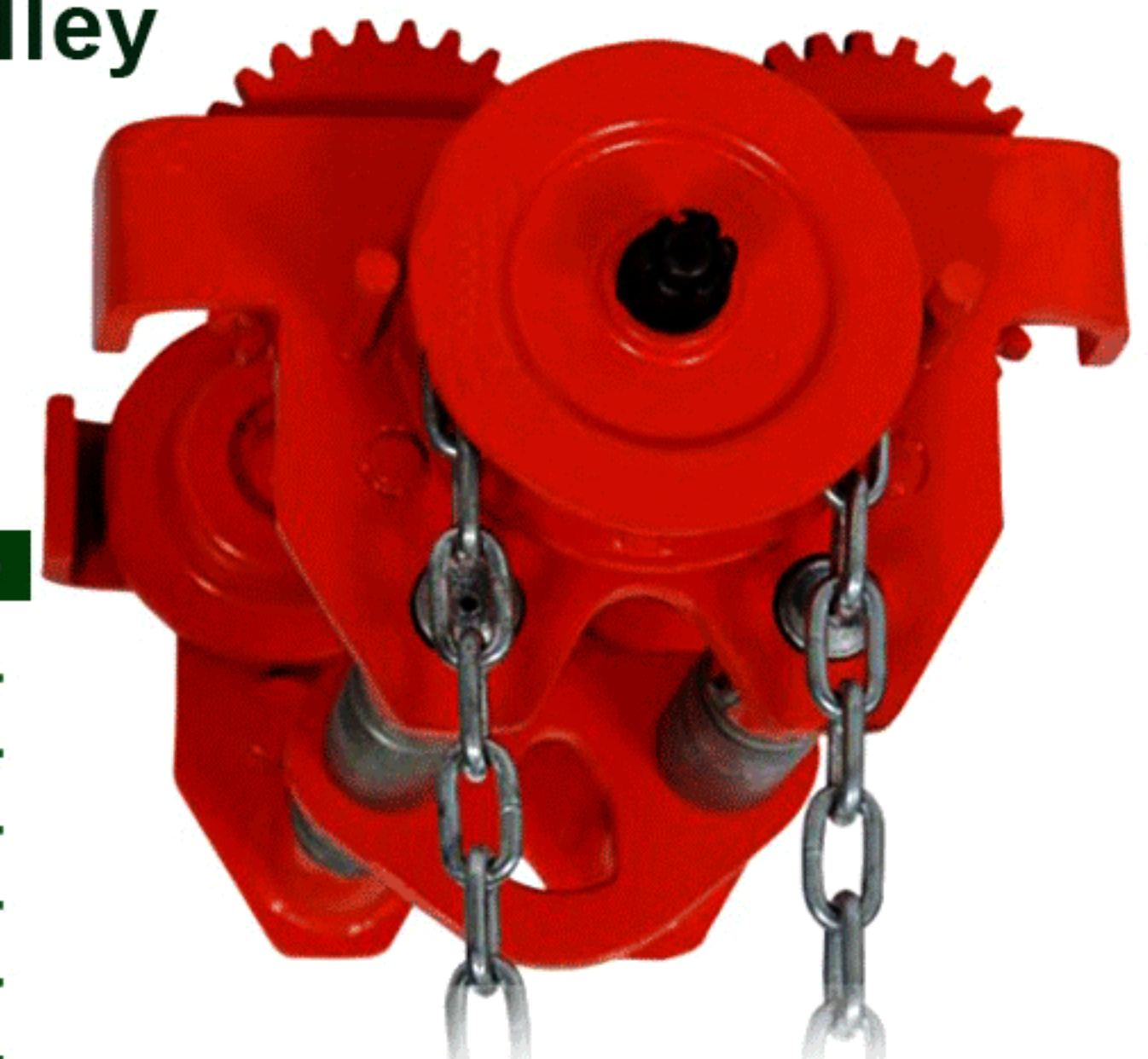
### PRECAUTION: (For all DK & MK series trolleys)

1. Overloading is strictly prohibited.
2. While lifting load, passing or working under the lifting load is strictly prohibited.
3. Stop operating immediately and fix a breakdown in case pull/push force exceeds that of normal operation or there are troubles.
4. Bearing, gear, etc shall be greased regularly and examine fasteners to make sure that are tightened.

## 'MK' Series Geared Trolley

Capacities from 0.5 to 30 tonnes

- Double shaft design
- Install bend-ear type plate
- Disassemble easily & working freely



| Model Code                   |                          | ZGT1/2D | ZGT1D  | ZGT3/2D | ZGT2D  | ZGT3D  | ZGT5D   | ZGT8D   | ZGT10D  | ZGT16D  | ZGT20D  | ZGT30D  |
|------------------------------|--------------------------|---------|--------|---------|--------|--------|---------|---------|---------|---------|---------|---------|
| Rated Capacity               | Ton                      | 0.5     | 1      | 1.5     | 2      | 3      | 5       | 8       | 10      | 16      | 20      | 30      |
| Test Load                    | KN                       | 7.35    | 14.71  | 22.06   | 29.42  | 44.13  | 61.29   | 98.06   | 122.58  | 196.12  | 245.17  | 367.74  |
| Running Height               | m                        | 2.5     |        |         |        |        |         |         |         |         |         |         |
| Chain Pull to Lift Full Load |                          | 25      | 50     | 70      | 90     | 95     | 140     | 200     | 240     | 240     | 250     | 250     |
| Min. Radius Curve            |                          | 0.8     | 0.9    | 1.0     | 1.0    | 1.2    | 1.3     | 2.0     | 2.0     | 3.5     | 3.5     | 6.0     |
| Dimensions<br>mm             | A                        | a       | 272    | 334     | 337    | 343    | 357     | 373     | 416     | 423     | 498     | 498     |
|                              |                          | b       | 322    | 436     | 439    | 445    | 459     | 475     | 518     | 525     | 600     | 600     |
|                              |                          | B       | 194    | 236     | 250    | 268    | 322     | 362     | 426     | 442     | 555     | 555     |
|                              |                          | C       | 158    | 196     | 210    | 226    | 266     | 301     | 388     | 396     | 489     | 498     |
|                              |                          | D       | 28     | 32      | 36     | 42     | 52      | 62      | 72      | 72      | 95      | 95      |
|                              |                          | H       | 75     | 96      | 102    | 110    | 122     | 142     | 180     | 190     | 227     | 233     |
|                              |                          | S       | 30     | 38      | 38     | 38     | 40      | 42      | 45      | 45      | 56      | 58      |
|                              |                          | F       | 1.5-3  | 1.5-3   | 1.5-3  | 1.5-3  | 1.5-3   | 1.5-3   | 2-3.5   | 2-3.5   | 2-3.5   | 2-3.5   |
|                              | I-beam width range<br>mm | a       | 50-152 | 64-203  | 74-203 | 88-203 | 100-203 | 114-203 | 124-203 | 124-203 | 136-203 | 136-203 |
|                              |                          | b       | 50-203 | 64-305  | 74-305 | 88-305 | 100-305 | 114-305 | 124-305 | 124-305 | 136-305 | 136-305 |
| Net Weight<br>Kg             | a                        | 10      | 14.5   | 18      | 22     | 34     | 47      | 77      | 88      | 163     | 165     | -       |
|                              | b                        | 10.5    | 16     | 20      | 24     | 38     | 53      | 83      | 94      | 170     | 174     | 337     |

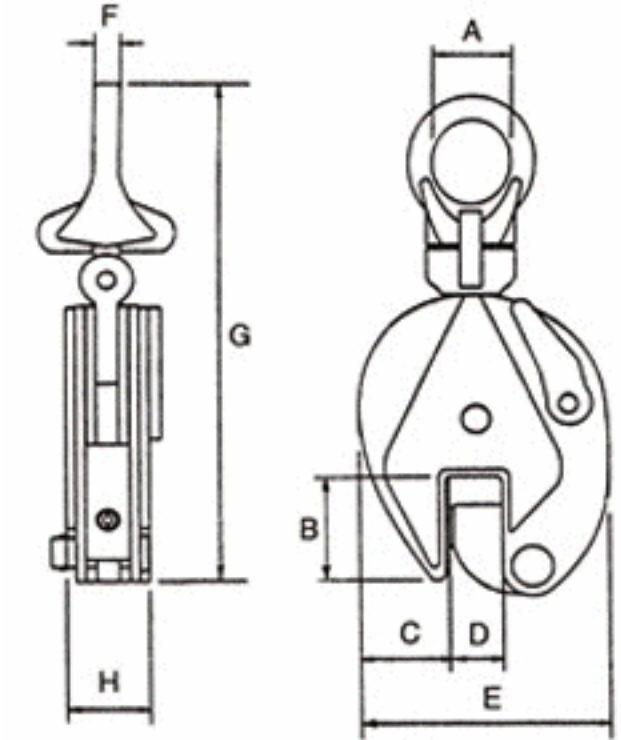
# CLAMPS



## Universal Plate Clamps

Capacities from 0.5 to 5 tonnes

- Strong all-steel construction
- Safety lock
- Wide plate acceptance
- Hardened pressure plate and tongue
- Durable baked enamel finish

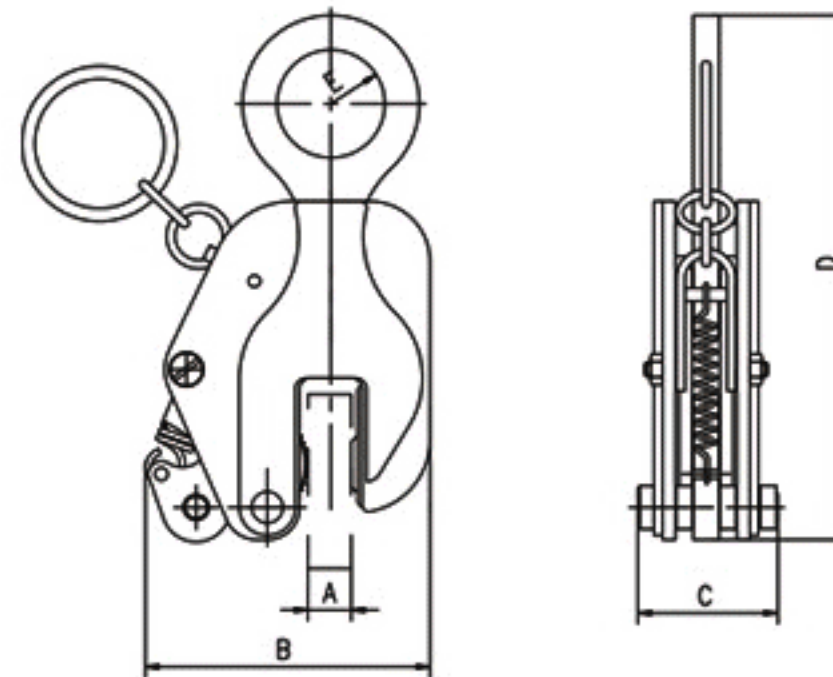


| PRODUCT CODE | RATED CAPACITY t | TEST LOAD KN | MAX.JAW OPENING mm | A  | B  | C    | D    | E   | F  | G   | H  | NET WEIGHT KG |
|--------------|------------------|--------------|--------------------|----|----|------|------|-----|----|-----|----|---------------|
| Z2B165       | 0.5              | 7.35         | 15                 | 30 | 43 | 34.5 | 0-17 | 103 | 10 | 212 | 36 | 2             |
| Z2B167       | 1                | 14.7         | 20                 | 48 | 63 | 51   | 0-22 | 138 | 12 | 294 | 50 | 4.8           |
| Z2B168       | 2                | 29.4         | 25                 | 68 | 76 | 59   | 0-27 | 164 | 16 | 370 | 52 | 6.5           |
| Z2B169       | 3                | 44.1         | 30                 | 74 | 85 | 56   | 0-32 | 193 | 20 | 418 | 78 | 15            |
| Z2B170       | 5                | 73.5         | 50                 | 80 | 90 | 65   | 0-52 | 240 | 22 | 450 | 88 | 23            |

## Universal Plate Clamps

Capacities from 1 to 10 tonnes

- Strong all-steel construction
- Hardened pressure plate and tongue
- Durable baked enamel finish



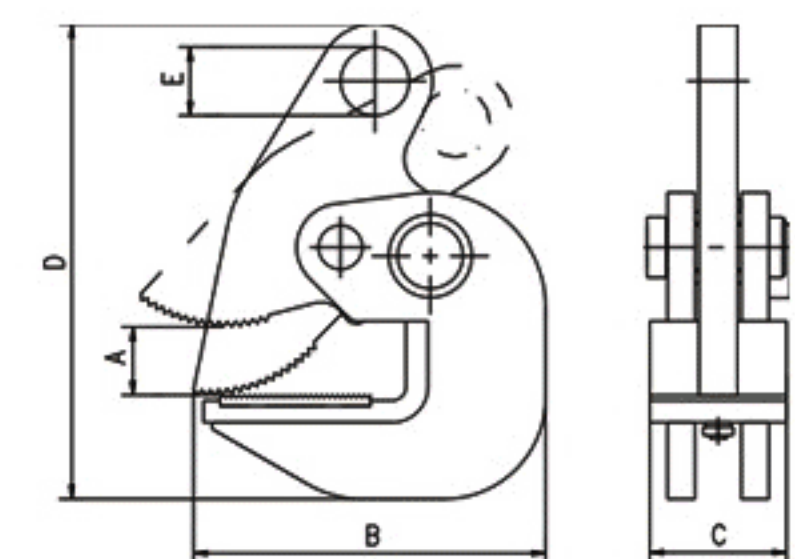
| PRODUCT CODE | RATED CAPACITY t | TEST LOAD KN | MAX.JAW OPENING mm | A   | B   | C   | D   | E   | NET WEIGHT KG |
|--------------|------------------|--------------|--------------------|-----|-----|-----|-----|-----|---------------|
| Z2B171       | 1                | 14.7         | 22                 | >22 | 123 | 65  | 275 | 50  | 3.6           |
| Z2B172       | 2                | 29.42        | 30                 | >30 | 137 | 71  | 305 | 55  | 5             |
| Z2B173       | 3                | 44.13        | 40                 | >40 | 165 | 83  | 340 | 60  | 7.7           |
| Z2B174       | 5                | 73.5         | 50                 | >50 | 190 | 100 | 405 | 60  | 14.2          |
| Z2B175       | 6                | 88.2         | 60                 | >60 | 238 | 116 | 476 | 80  | 21            |
| Z2B176       | 10               | 147          | 76                 | >76 | 338 | 134 | 650 | 100 | 40            |



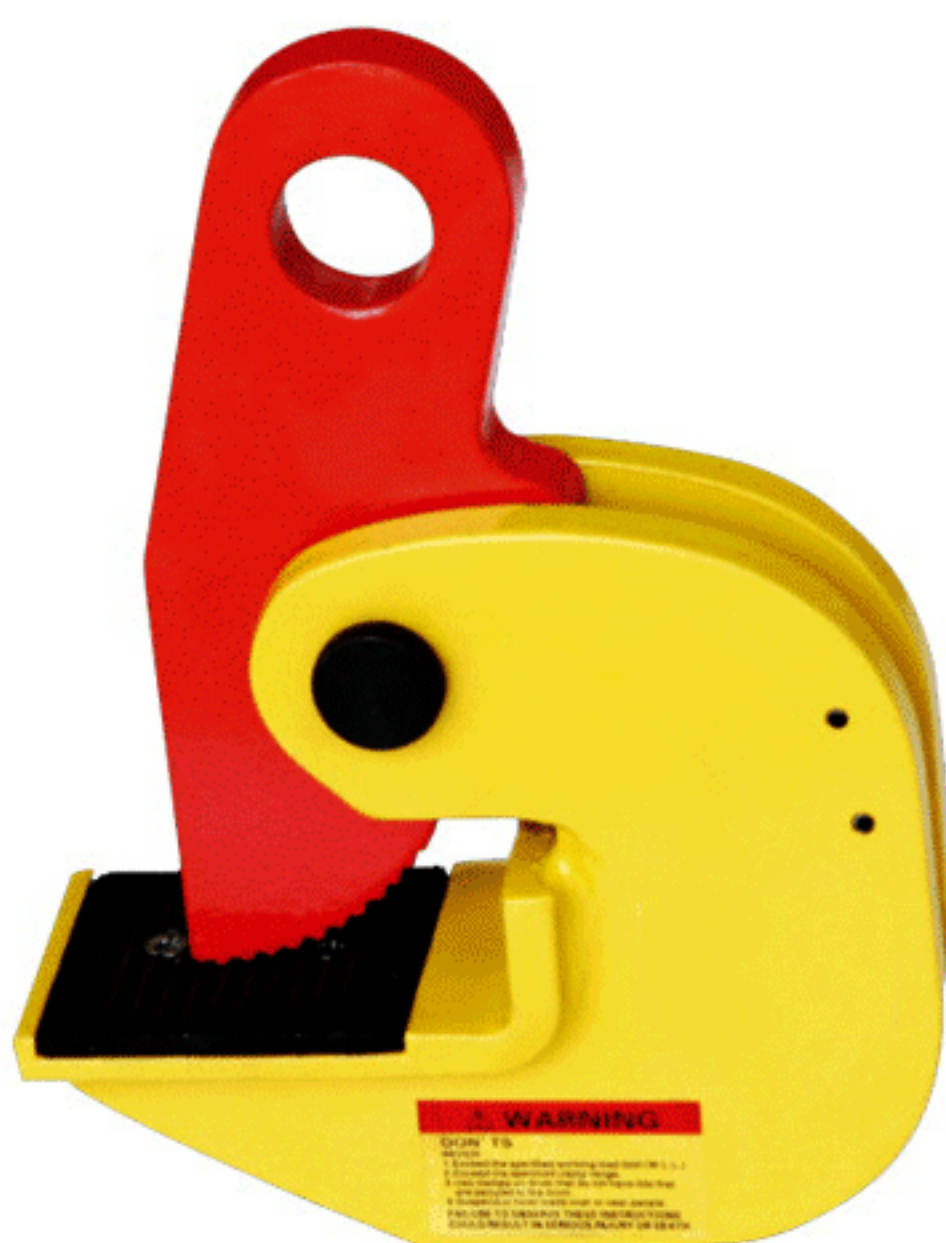
## Horizontal Plate Clamps

Capacities from 0.75 to 5 tonnes

- Strong all-steel construction
- Hardened pressure plate and tongue
- Durable baked enamel finish



| PRODUCT CODE | RATED CAPACITY t | TEST LOAD KN | MAX.JAW OPENING mm | A   | B   | C   | D   | E  | NET WEIGHT KG |
|--------------|------------------|--------------|--------------------|-----|-----|-----|-----|----|---------------|
| Z2B177       | 0.75             | 11.03        | 25                 | >25 | 125 | 50  | 175 | 25 | 3.5           |
| Z2B178       | 1                | 14.7         | 30                 | >30 | 156 | 65  | 200 | 30 | 4             |
| Z2B179       | 1.5              | 22.1         | 30                 | >30 | 161 | 65  | 205 | 30 | 4.3           |
| Z2B180       | 2                | 29.42        | 35                 | >35 | 201 | 83  | 245 | 35 | 7.5           |
| Z2B181       | 2.5              | 36.75        | 42                 | >42 | 220 | 83  | 308 | 40 | 12.5          |
| Z2B182       | 5                | 73.5         | 60                 | >60 | 325 | 110 | 415 | 60 | 22            |





## ◀◀ 'L' Horizontal Plate Clamps

- For horizontal lifting and transporting
- Must be used in pair or multiples

| PRODUCT CODE     | ZL08 | ZL10 | ZL16 | ZL25 | ZL25B | ZL32 | ZL32B | ZL50 | ZL50B | ZL100  |
|------------------|------|------|------|------|-------|------|-------|------|-------|--------|
| RATED CAPACITY t | 0.8  | 1.0  | 1.6  | 2.5  | 2.5   | 3.2  | 3.2   | 5.0  | 5.0   | 10     |
| JAW OPENING mm   | 0-15 | 0-20 | 0-25 | 0-30 | 25-50 | 0-40 | 30-60 | 0-50 | 50-80 | 20-100 |

## 'LA' Horizontal Plate Clamps ▶▶

- For horizontal lifting and transporting
- Must be used in pair or multiples

| PRODUCT CODE     | ZLA1 | ZLA2 | ZLA3 | ZLA5  | ZLA6   | ZLA10  |
|------------------|------|------|------|-------|--------|--------|
| RATED CAPACITY t | 1.0  | 2.0  | 3.2  | 5.0   | 6.0    | 10     |
| JAW OPENING mm   | 0-30 | 0-50 | 0-60 | 10-80 | 10-100 | 20-120 |



## ◀◀ 'PPD' Horizontal Plate Clamps

- For horizontal lifting and transporting
- Must be used in pair or multiples

| PRODUCT CODE     | ZPPD08 | ZPPD10 | ZPPD16 | ZPPD20 | ZPPD32 | ZPPD40 | ZPPD50 | ZPPD60 | ZPPD60B | ZPPD80 | ZPPD100 | ZPPD160 | ZPPD300 |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|---------|---------|
| RATED CAPACITY t | 0.8    | 1.0    | 1.6    | 2.0    | 3.2    | 4.0    | 5.0    | 6.0    | 6.0     | 8.0    | 10      | 16      | 30      |
| JAW OPENING mm   | 0-25   | 0-30   | 0-30   | 0-40   | 0-45   | 0-50   | 0-55   | 0-65   | 0-130   | 0-100  | 0-125   | 50-150  | 100-270 |



## 'PDQ' Single Steel Plate Clamps ▶▶

- For horizontal lifting and transporting
- Four clamps be used in lifting with balance beam
- Automatic unloading

| PRODUCT CODE     | ZPDQ1 | ZPDQ2 | ZPDQ3 | ZPDQ5 | ZPDQ8 | ZPDQ10 | ZPDQ12 | ZPDQ20 |
|------------------|-------|-------|-------|-------|-------|--------|--------|--------|
| RATED CAPACITY t | 1.0   | 2.0   | 3.2   | 5.0   | 8.0   | 10     | 12     | 20     |
| JAW OPENING mm   | 0-50  | 0-60  | 0-90  | 0-120 | 0-130 | 0-150  | 0-150  | 0-250  |



## ◀◀ 'PDK' Multi Plate Clamps

- For horizontal lifting and transporting single or multi steel plates
- Must be used in four clamps, with balance beam when lift large size of plate
- Adjustable on the thickness of the position of the tongue

| PRODUCT CODE     | ZPDK30 | ZPDK45 | ZPDK60 | ZPDK80 | ZPDK150 |
|------------------|--------|--------|--------|--------|---------|
| RATED CAPACITY t | 3.0    | 4.5    | 6.0    | 8.0    | 15      |
| JAW OPENING mm   | 0-180  | 0-240  | 0-240  | 0-240  | 0-240   |



## 'PDL' Horizontal Plate Clamps ▶▶

- For horizontal lifting and transporting
- Must be used in four clamps in lifting
- With balance beam when lift large size of plate

| PRODUCT CODE     | ZPDL08 | ZPDL16 | ZPDL32 |
|------------------|--------|--------|--------|
| RATED CAPACITY t | 0.8    | 1.6    | 3.2    |
| JAW OPENING mm   | 0-30   | 0-45   | 0-45   |



# CLAMPS



## « « 'QS' Double Steel Plate Clamps

- For horizontal lifting of 'H' 'I' 'T' 'L' shape structured steel and plate steel
- Can be used in pairs or multiples

| PRODUCT CODE     | ZQS10 | ZQS20 | ZQS32 | ZQS50 | ZQS70 |
|------------------|-------|-------|-------|-------|-------|
| RATED CAPACITY t | 1.0   | 2.0   | 3.2   | 5.0   | 7.0   |
| JAW OPENING mm   | 0-40  | 0-50  | 0-60  | 0-70  | 0-90  |

## 'YDG' Girder Stacking Clamps » »

- For horizontal lifting
- Available for H-beam lifting and horizontal handling

| PRODUCT CODE     | ZYDG1 | ZYDG2 |
|------------------|-------|-------|
| RATED CAPACITY t | 1.0   | 2.0   |
| JAW OPENING mm   | 0-24  | 0-30  |



## « « 'DCQ' Double Steel Plate Clamps

- For horizontal lifting and transporting single or multi steel plates
- Automatic unloading

| PRODUCT CODE     | ZDCQ4 | ZDCQ6 | ZDCQ8 | ZDCQ10 |
|------------------|-------|-------|-------|--------|
| RATED CAPACITY t | 4.0   | 6.0   | 8.0   | 10     |
| JAW OPENING mm   | 0-100 | 0-120 | 0-160 | 0-210  |

## 'LC' Horizontal Plate Clamps » »

- For horizontal lifting of 'H' 'I' 'T' 'L' shape structured steel

| PRODUCT CODE     | ZLC1 | ZLC2 | ZLC3 |
|------------------|------|------|------|
| RATED CAPACITY t | 1.0  | 2.0  | 3.0  |
| JAW OPENING mm   | 0-13 | 0-22 | 3-35 |



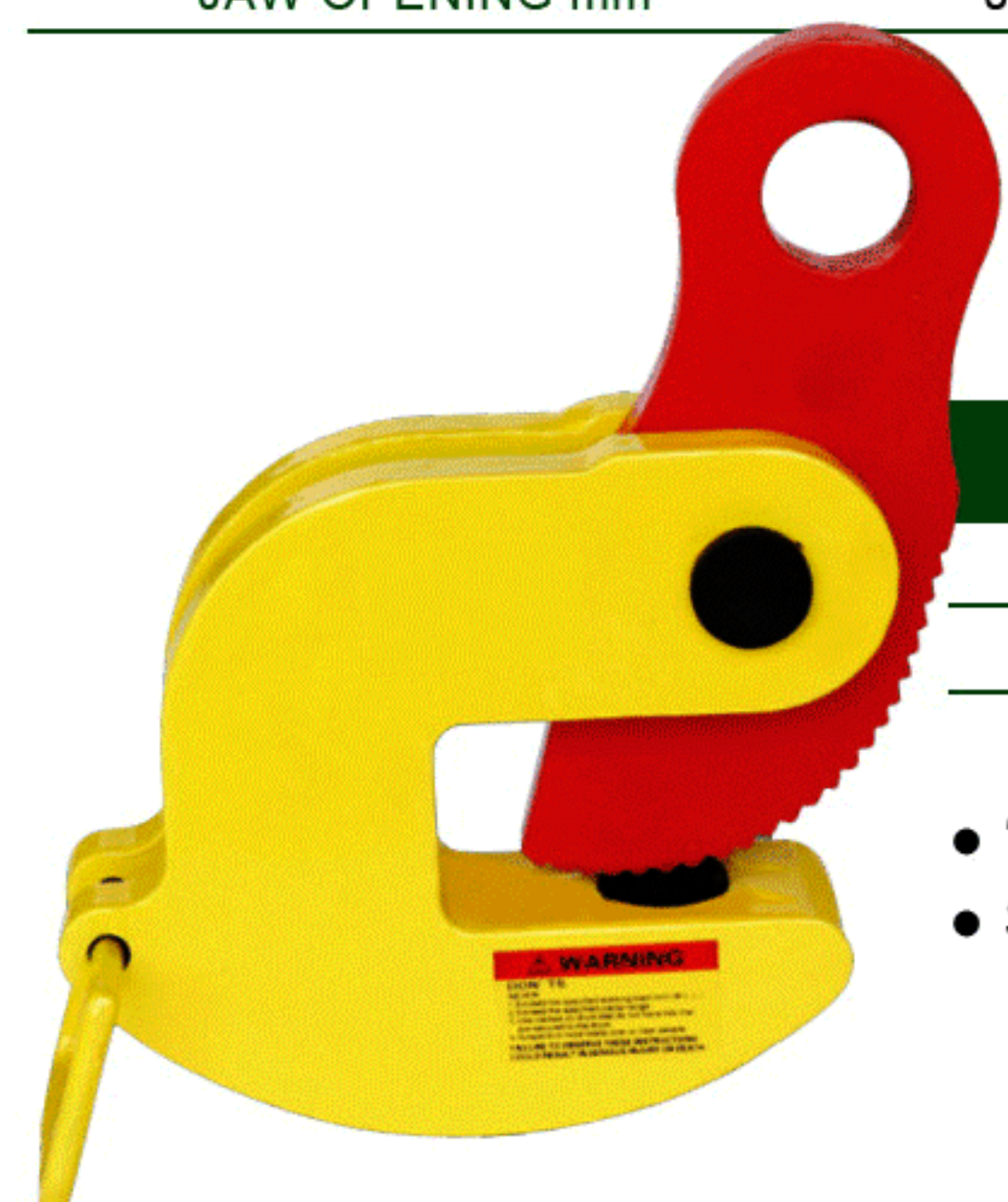
## « « 'DFQ' Turn Clamps

| PRODUCT CODE     | ZDFQ15 | ZDFQ25 | ZDFQ50 | ZDFQ80 | ZDFQ100 | ZDFQ160 | ZDFQ200 |
|------------------|--------|--------|--------|--------|---------|---------|---------|
| RATED CAPACITY t | 1.5    | 2.5    | 5.0    | 8.0    | 10      | 16      | 20      |
| JAW OPENING mm   | 0-20   | 0-30   | 0-40   | 0-50   | 0-60    | 20-120  | 60-160  |

- 'DFQ' nad 'DFM' types for horizontal lifting and turning steel plates
- Single use available on lifting. The beam shall be fitted in horizontal lifts

## 'DFM' Turn Clamps » »

| PRODUCT CODE     | ZDFM1 | ZDFM2 | ZDFM3 | ZDFM5 | ZDFM10 |
|------------------|-------|-------|-------|-------|--------|
| RATED CAPACITY t | 1.0   | 2.0   | 3.0   | 5.0   | 10     |
| JAW OPENING mm   | 0-15  | 0-20  | 0-30  | 0-60  | 0-80   |





## ◀◀ 'TMS' Horizontal Plate Clamps With Lock Device

- For horizontal lifting and transporting
- The spring-load tightening lock mechanism assure a positive initial clamp force

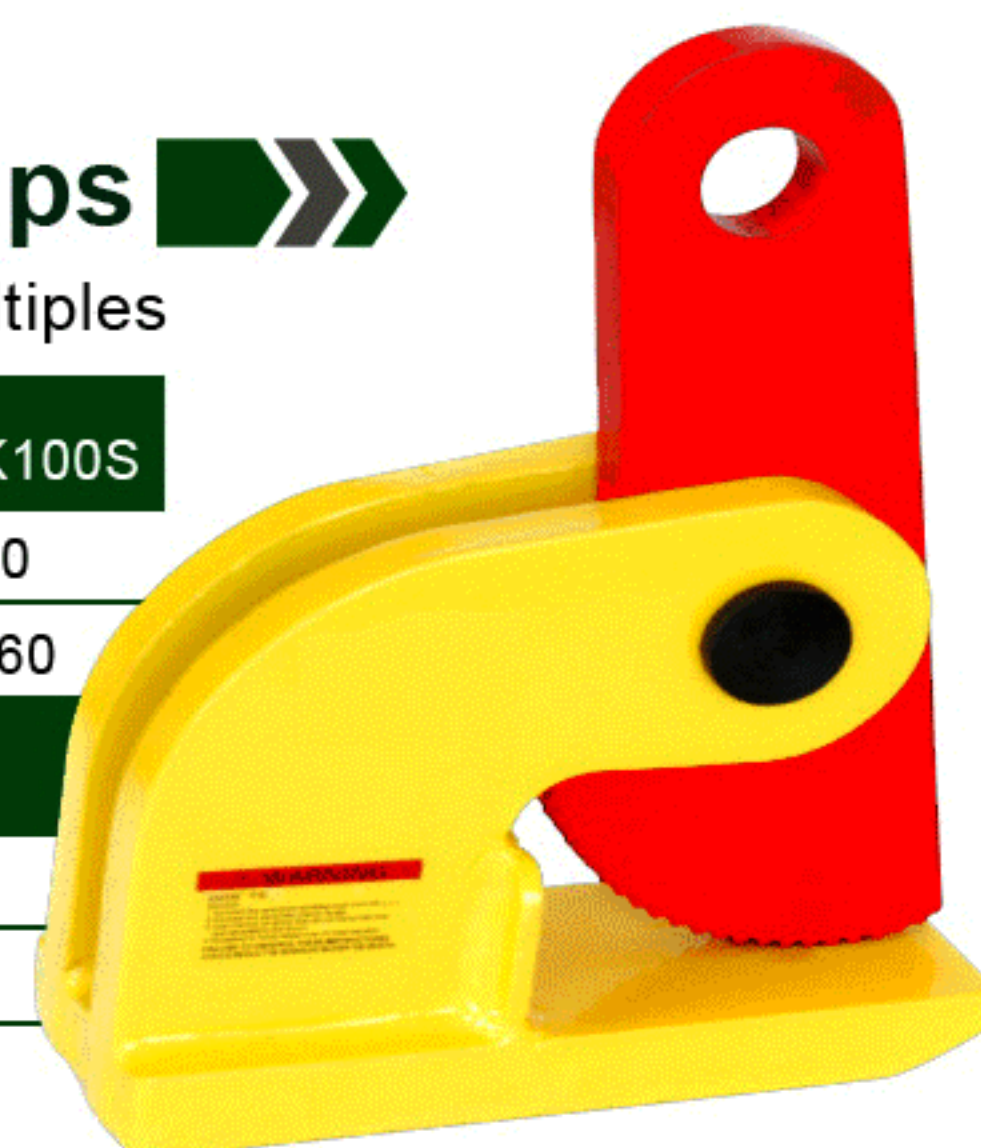
| PRODUCT CODE     | ZTMS05 | ZTMS1 | ZTMS2 | ZTMS3 | ZTMS5 |
|------------------|--------|-------|-------|-------|-------|
| RATED CAPACITY t | 0.5    | 1.0   | 2.0   | 3.0   | 5.0   |
| JAW OPENING mm   | 0-25   | 0-25  | 0-30  | 0-38  | 0-40  |

## 'THK' Horizontal Plate Clamps ▶▶

- For horizontal lifting and transporting
- Must always be used in pairs or multiples

| PRODUCT CODE     | ZTHK05S | ZTHK10S | ZTHK15S | ZTHK20S | ZTHK30S | ZTHK40S | ZTHK50S | ZTHK100S |
|------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| RATED CAPACITY t | 0.5     | 1.0     | 1.5     | 2.0     | 3.0     | 4.0     | 5.0     | 10       |
| JAW OPENING mm   | 0-35    | 0-60    | 0-60    | 0-60    | 0-60    | 0-60    | 0-60    | 0-60     |

| PRODUCT CODE     | ZTHK10 | ZTHK15 | ZTHK20 | ZTHK30 | ZTHK40 | ZTHK50 | ZTHK100 |
|------------------|--------|--------|--------|--------|--------|--------|---------|
| RATED CAPACITY t | 1.0    | 1.5    | 2.0    | 3.0    | 4.0    | 5.0    | 10      |
| JAW OPENING mm   | 0-100  | 0-100  | 0-100  | 0-100  | 0-100  | 0-100  | 0-100   |



## ◀◀ 'QT' Drum Clamps

- For lifting and transporting of drums
- with automatic locking mechanism
- Can be used single or per pair as well

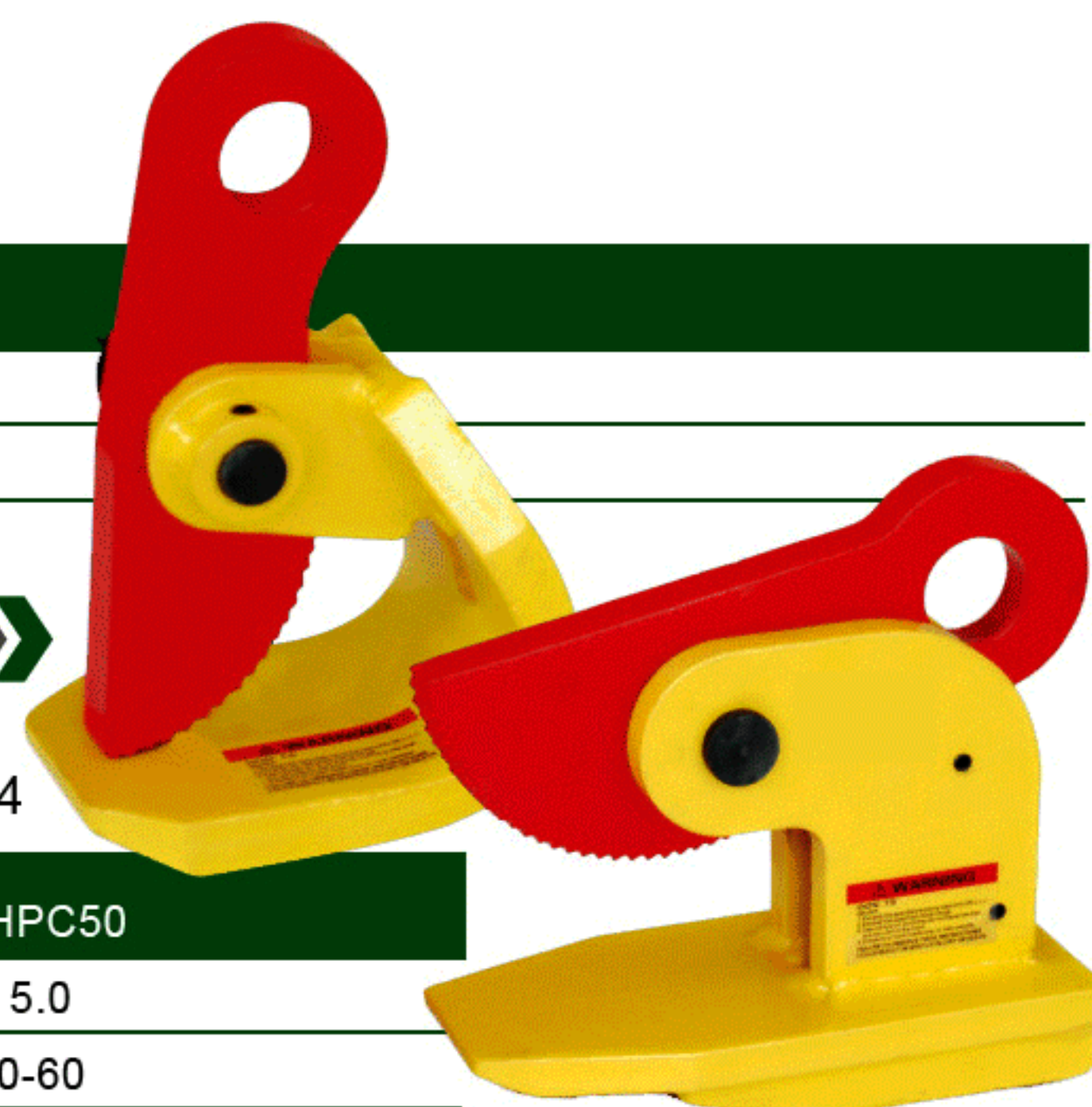
| PRODUCT CODE     | ZQT02 |
|------------------|-------|
| RATED CAPACITY t | 0.2   |
| JAW OPENING mm   | 1-9   |



## 'HPC' Horizontal Plate Clamps ▶▶

- For horizontal lifting and transporting
- Must be used in pairs
- 1.5t has spring close, 3t and 5t has spring open
- Conforms to AS4991-2004

| PRODUCT CODE     | ZHPC15 | ZHPC30 | ZHPC50 |
|------------------|--------|--------|--------|
| RATED CAPACITY t | 1.5    | 3.0    | 5.0    |
| JAW OPENING mm   | 0-50   | 0-50   | 0-60   |



## ◀◀ 'TMG' Horizontal Plate Clamps With Lock Device

- For horizontal lifting narrow L-shaped steel and various iron structures
- The spring-load tightening lock mechanism assure a positive initial clamp force

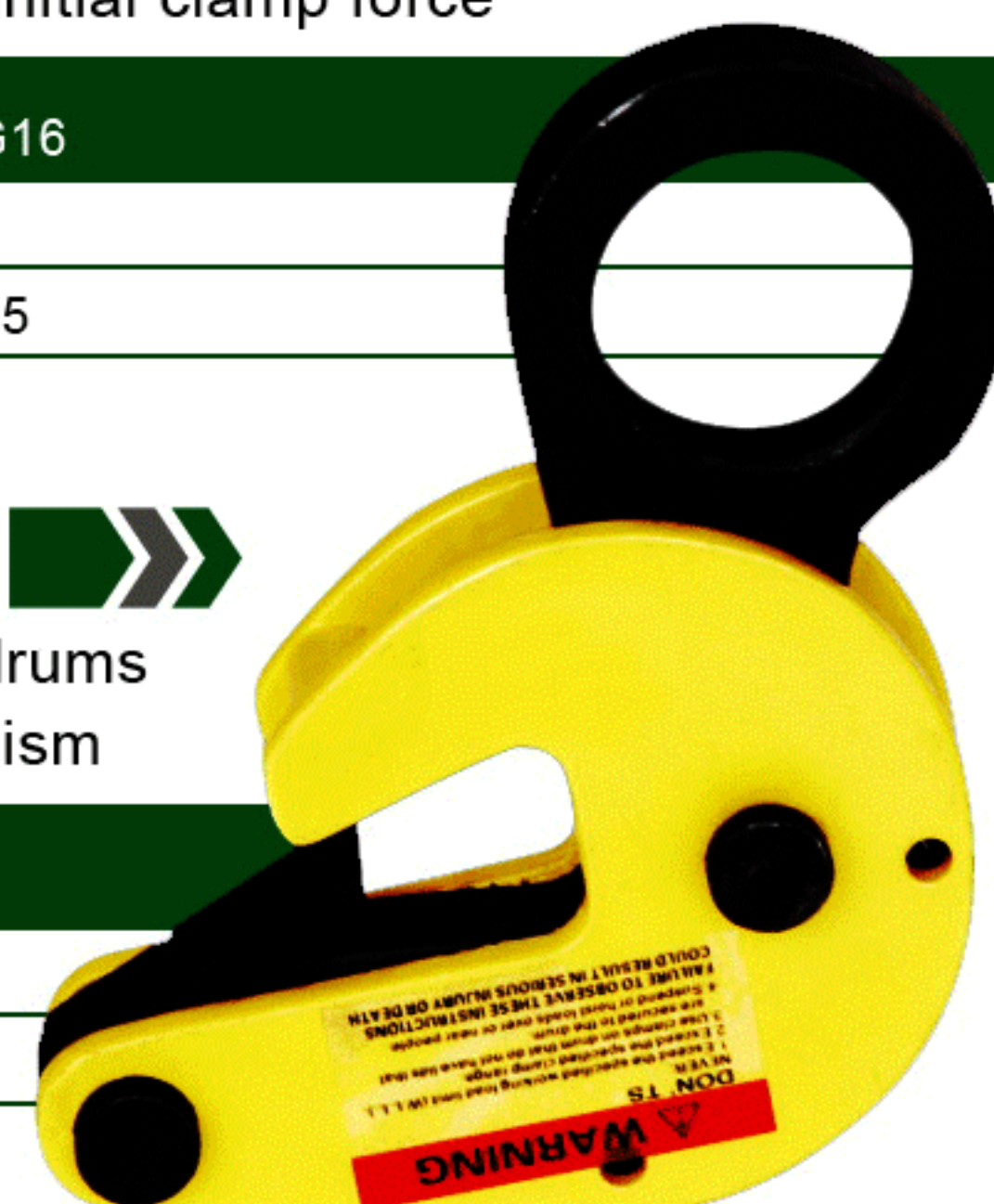
| PRODUCT CODE     | ZTMG08 | ZTMG16 |
|------------------|--------|--------|
| RATED CAPACITY t | 0.8    | 1.6    |
| JAW OPENING mm   | 25-53  | 15-45  |



## 'TDC' Round Stock Grabs ▶▶

- For lifting and transporting of drums
- Can be used single or per pair as well
- with automatic locking mechanism

| PRODUCT CODE     | ZTDC05 |
|------------------|--------|
| RATED CAPACITY t | 0.5    |
| JAW OPENING mm   | 0-17   |



# CLAMPS



## ◀◀ 'TBC' Pipe Clamps

- For vertical lifting and transporting
- Shall be used in pairs or per three clamps
- Other capacity and jaw opening upon request

| PRODUCT CODE     | ZTBC1  | ZTBC2  |
|------------------|--------|--------|
| RATED CAPACITY t | 1.0    | 2.0    |
| JAW OPENING mm   | 40-160 | 50-180 |

## 'TBL' Pipe Clamps ▶▶

- For vertical lifting
- Solid construction
- Type-tested 4 to 1 against breakage

| PRODUCT CODE     | ZTBL1  | ZTBL2  | ZTBL3  |
|------------------|--------|--------|--------|
| RATED CAPACITY t | 1.0    | 2.0    | 3.0    |
| JAW OPENING mm   | 40-120 | 50-180 | 70-220 |



## ◀◀ 'THC' Pipe Hooks

- For lifting and transporting pipes

| PRODUCT CODE     | ZTHC05 | ZTHC10 | ZTHC20 |
|------------------|--------|--------|--------|
| RATED CAPACITY t | 0.5    | 1.0    | 2.0    |
| JAW OPENING mm   | 16     | 19     | 24     |

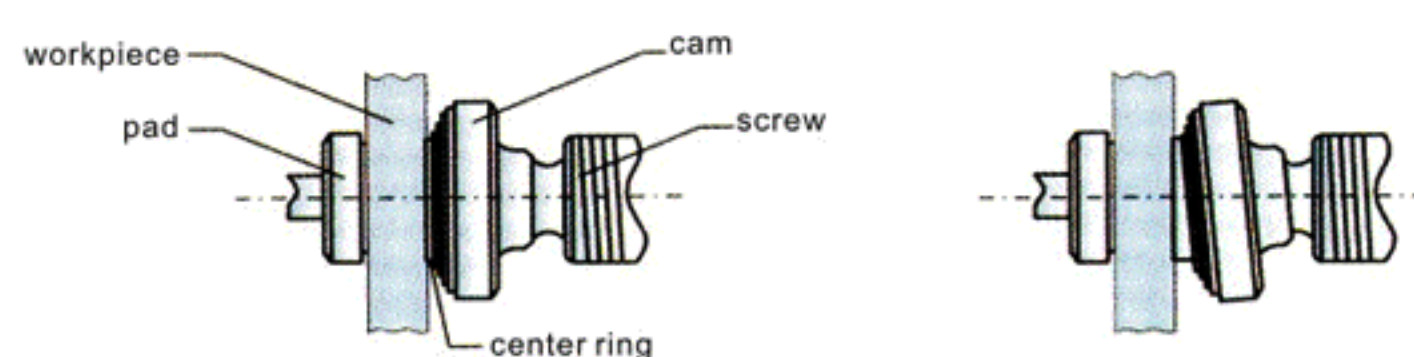
## 'TPH' Pipe Clamps ▶▶

- For horizontal lifting and transporting pipes
- Shall be used in pairs

| PRODUCT CODE     | ZTPH15 | ZTPH30 | ZTPH40 | ZTPH60 | ZTPH80 | ZTPH120 | ZTPH160 | ZTPH180 |
|------------------|--------|--------|--------|--------|--------|---------|---------|---------|
| RATED CAPACITY t | 1.5    | 3.0    | 4.0    | 6.0    | 8.0    | 12      | 16      | 18      |
| JAW OPENING mm   | 40     | 40     | 50     | 50     | 70     | 70      | 70      | 70      |



## ◀◀ 'STC' Screw Cam Clamps



When under the initial tightening force

When under load

| PRODUCT CODE     | ZSTC15 | ZSTC30 |
|------------------|--------|--------|
| RATED CAPACITY t | 1.5    | 3.0    |
| JAW OPENING mm   | 0-32   | 0-50   |

## 'YD' Round Stock Grabs ▶▶

- For horizontal lifting and transporting of steel and concrete pipe
- Available with spring automatic close device

| PRODUCT CODE     | ZYD05   | ZYD10   |
|------------------|---------|---------|
| RATED CAPACITY t | 0.5     | 1.0     |
| JAW OPENING mm   | 100-120 | 140-180 |





## « « 'YGC' Rail Clamps

- For lifting and handing of rails
- Available with automatic open/close device

| PRODUCT CODE     | ZYGC1  | ZYGC3   |
|------------------|--------|---------|
| RATED CAPACITY t | 1.0    | 3.0     |
| JAW OPENING mm   | 20-100 | 110-135 |

## 'YG' Round Stock Grabs » »

- For horizontal lifting and transporting of pipes
- Available with automatic open/close device

| PRODUCT CODE     | ZYG05  | ZYG10  | ZYG20  | ZYG30   | ZYG50   |
|------------------|--------|--------|--------|---------|---------|
| RATED CAPACITY t | 0.5    | 1.0    | 2.0    | 3.0     | 5.0     |
| JAW OPENING mm   | 50-100 | 50-100 | 80-130 | 120-200 | 200-320 |



## « « 'MT' Pallet Clamps

- For pulling loaded pallets, be picked up with forklift truck
- Variable jaw width grabs pallets securely and automatically releases

| PRODUCT CODE     | ZMT10  | ZMT15  | ZMT20  | ZMT30  |
|------------------|--------|--------|--------|--------|
| RATED CAPACITY t | 1.0    | 1.5    | 2.0    | 3.0    |
| JAW OPENING mm   | 30-100 | 30-180 | 30-200 | 30-200 |

## 'YQC' Drum Clamps » »

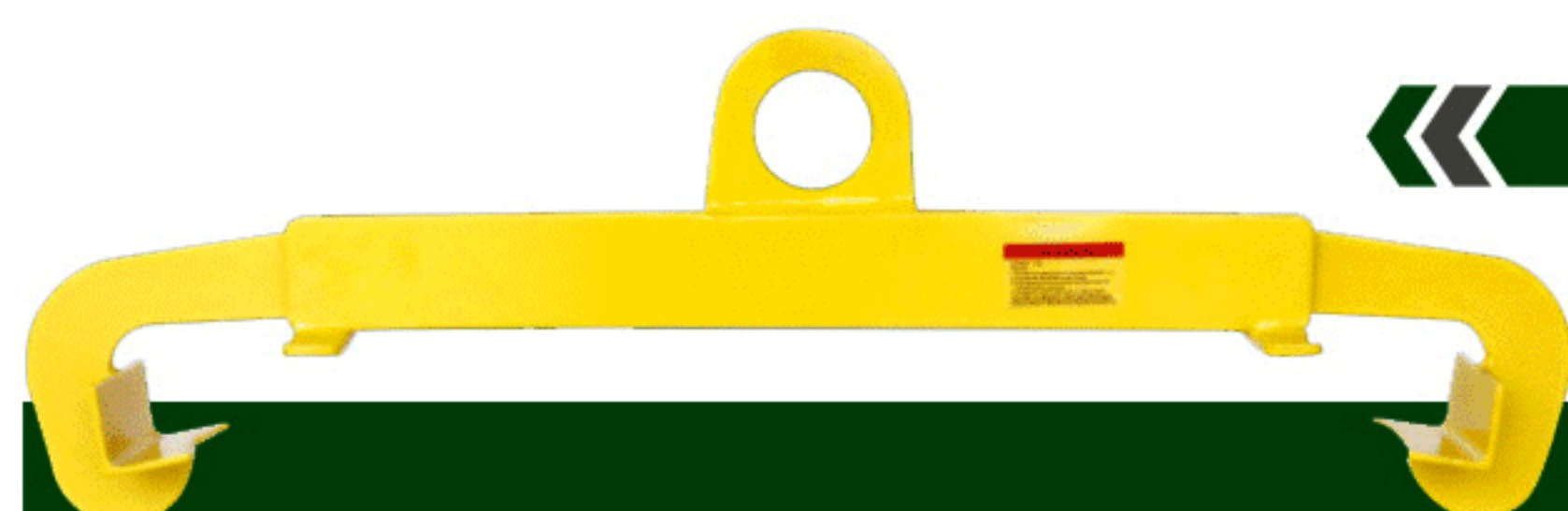
- Can be used in single or per pair as well
- The drum have to stay in horizontal position when lift

| PRODUCT CODE     | ZYQC06 |
|------------------|--------|
| RATED CAPACITY t | 0.6    |
| JAW OPENING mm   | 0-30   |



## « « 'LR' Drum Clamps

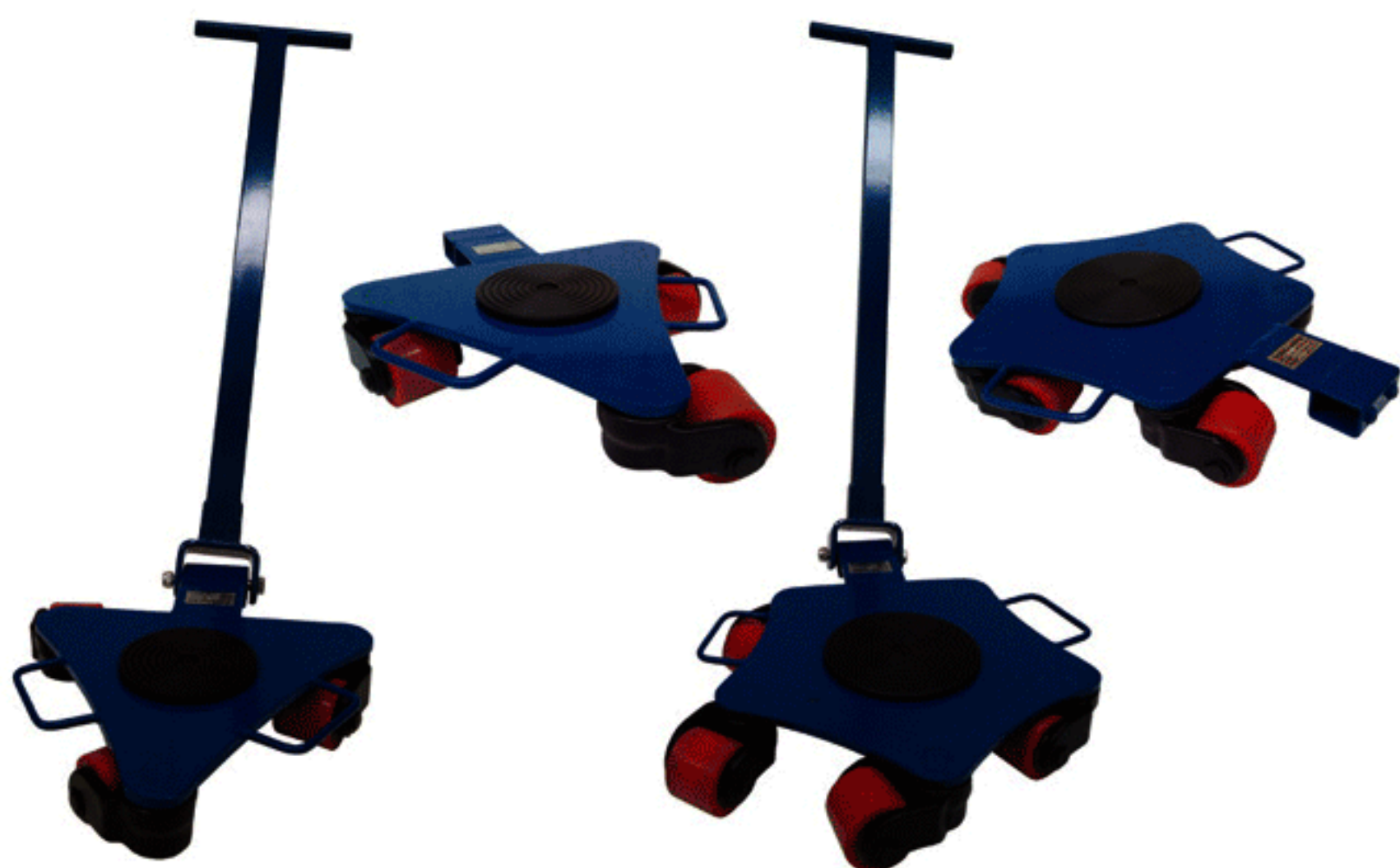
- Can be used in single or per pair as well
- The drum have to stay in horizontal position when lift



| PRODUCT CODE     | ZLR05   |
|------------------|---------|
| RATED CAPACITY t | 0.5     |
| JAW OPENING mm   | 550-600 |

# MOVING SKATES

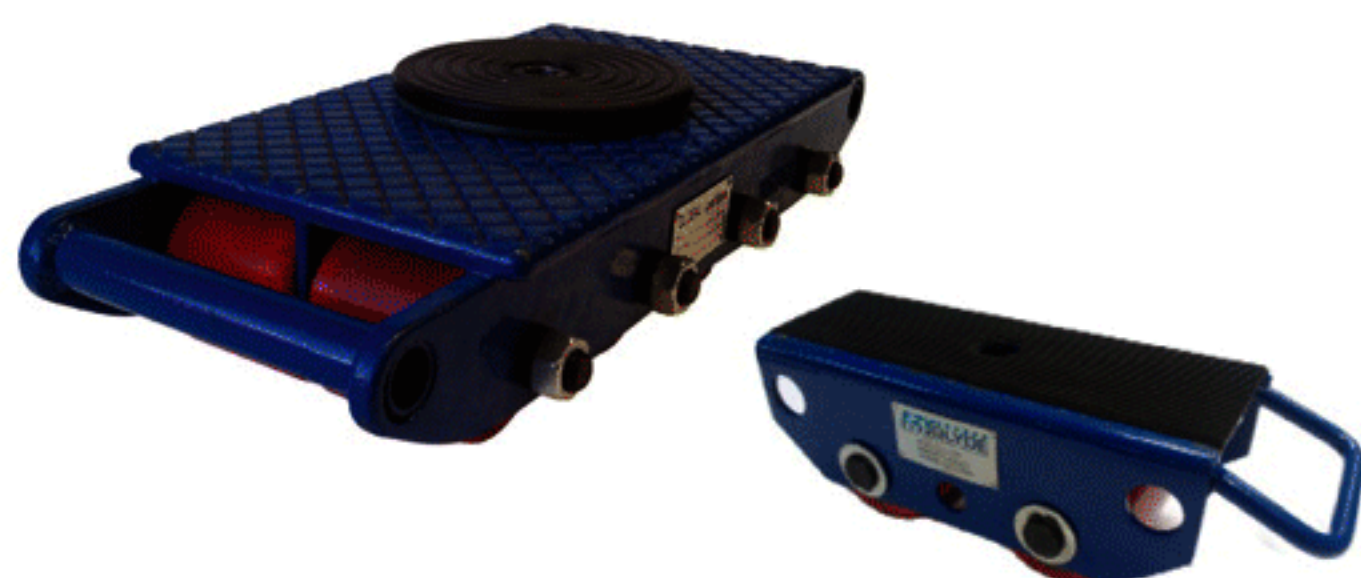
## 360° MULTI-DIRECTION MOVING SKATES



- Heavy duty construction
- Moves in any direction - 360°
- Suitable for industrial applications
- Move large machinery
- Available with handles
- Complete with load grip plate
- Protect painted floors

| PRODUCTS CODE | WORKING LOAD (T) | DIMENSIONS (mm) | WEIGHT (kg) | HANDLE | No.of WHEELS |
|---------------|------------------|-----------------|-------------|--------|--------------|
| 360SKATE2T    | 2                | 520x420x112     | 21          | No     | 3            |
| 360SKATE2TH   | 2                | 520x420x112     | 25          | Yes    | 3            |
| 360SKATE4T    | 4                | 595x470x112     | 34          | No     | 5            |
| 360SKATE4TH   | 4                | 595x470x112     | 38          | Yes    | 5            |

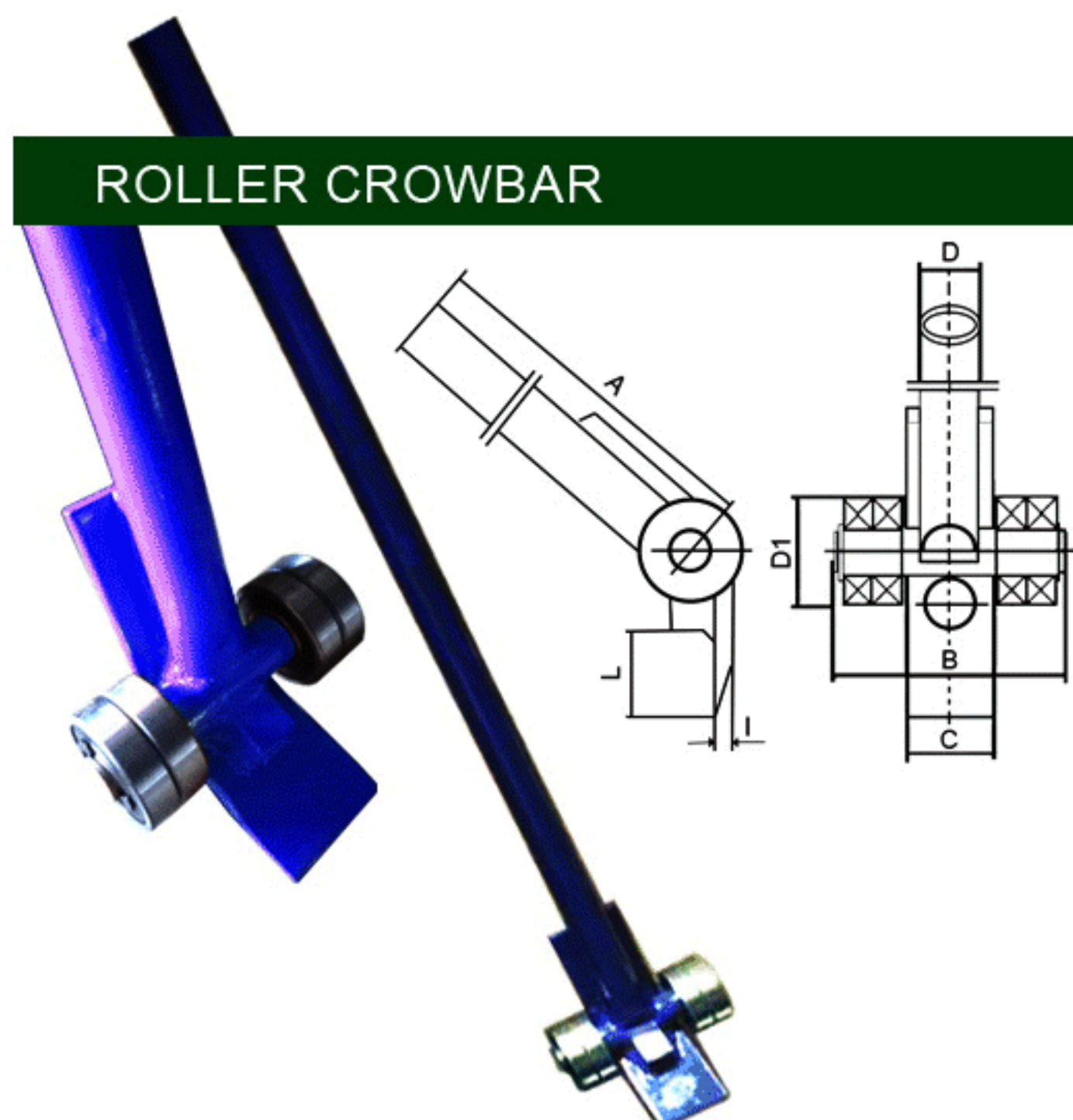
## LOAD ROLLER SKATES



- Heavy duty construction
- Complete with swivel plate
- Suitable for industrial applications
- Nylon rollers allow for easy movement and protect floors

| PRODUCTS CODE | WORKING LOAD (T) | DIMENSIONS (mm) | WEIGHT (kg) | No.of WHEELS |
|---------------|------------------|-----------------|-------------|--------------|
| ROLLER2T      | 2                | 280x105x112     | 6           | 2            |
| ROLLER6T      | 6                | 305x210x112     | 14          | 4            |
| ROLLER12T     | 12               | 510x210x112     | 28          | 8            |
| ROLLER18T     | 18               | 510x310x112     | 44          | 12           |

## ROLLER CROWBAR



| PRODUCT CODE | WORKING LOAD (T) | WEIGHT (kg) | No.of WHEELS |
|--------------|------------------|-------------|--------------|
| CROWBAR3T    | 3                | 6.8         | 2 STEEL      |
| CROWBAR5T    | 5                | 12          | 2 STEEL      |

### DIMENSIONS (mm)

| A    | B   | C  | D  | L  | D1 | I  |
|------|-----|----|----|----|----|----|
| 1400 | 136 | 50 | 34 | 46 | 62 | 11 |
| 1530 | 155 | 65 | 38 | 55 | 72 | 13 |

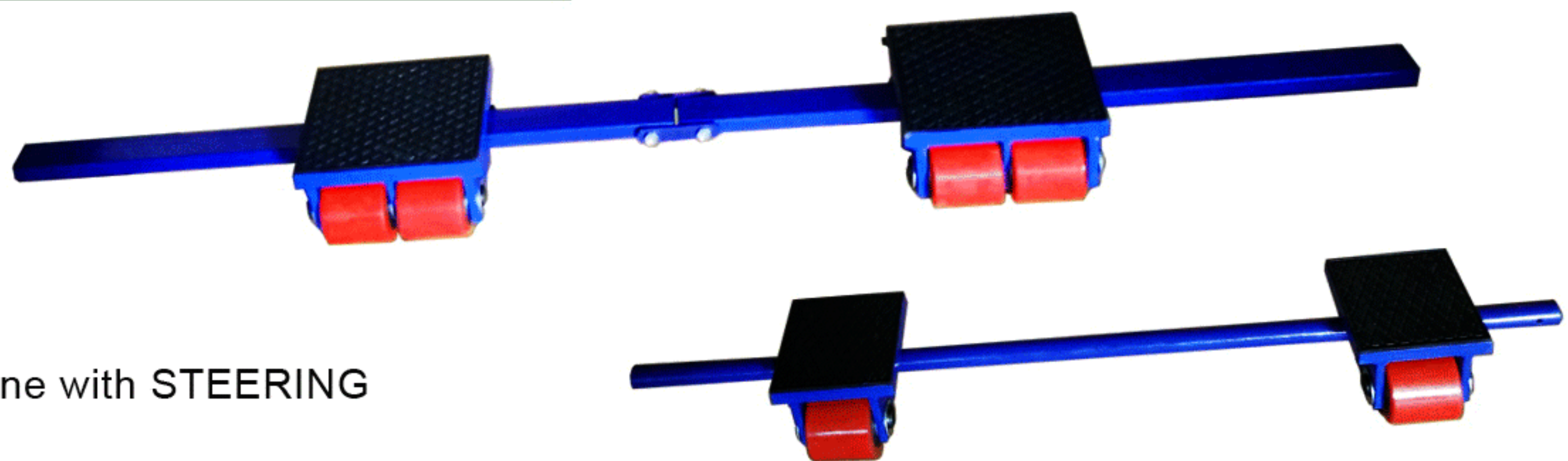
## MACHINERY MOVING SKATES - STEERING



- Heavy duty construction
- Suitable for industrial applications
- Move large machinery
- Complete with handle
- Swivel plate included
- Protect painted floors

| PRODUCT CODE | WORKING LOAD (T) | DIMENSIONS (mm) | WEIGHT (kg) | No.of WHEELS |
|--------------|------------------|-----------------|-------------|--------------|
| STEER4T      | 4                | 230x230x110     | 22          | 4            |
| STEER8T      | 8                | 560x420x110     | 48          | 8            |
| STEER12T     | 12               | 750x450x110     | 65          | 12           |
| STEER16T     | 16               | 936x500x110     | 52          | 16           |
| STEER18T     | 18               | 780x550x110     | 95          | 18           |
| STEER24T     | 24               | 1000x580x120    | 160         | 24           |
| STEER32T     | 32               | 1080x720x140    | 238         | 32           |

## MACHINERY MOVING SKATES - TRAILING



To be used combine with STEERING

| PRODUCT CODE | WORKING LOAD (T) | DIMENSIONS (mm) | WEIGHT (kg) | No.of WHEELS |
|--------------|------------------|-----------------|-------------|--------------|
| TRAIL4T      | 4                | 170x140x110     | 9           | 4            |
| TRAIL8T      | 8                | 200x200x110     | 28          | 8            |
| TRAIL12T     | 12               | 256x200x110     | 38          | 12           |
| TRAIL16T     | 16               | 310x220x110     | 80          | 16           |
| TRAIL18T     | 18               | 300x250x110     | 55          | 18           |
| TRAIL24T     | 24               | 360x315x120     | 100         | 24           |
| TRAIL32T     | 32               | 460x315x140     | 167         | 32           |

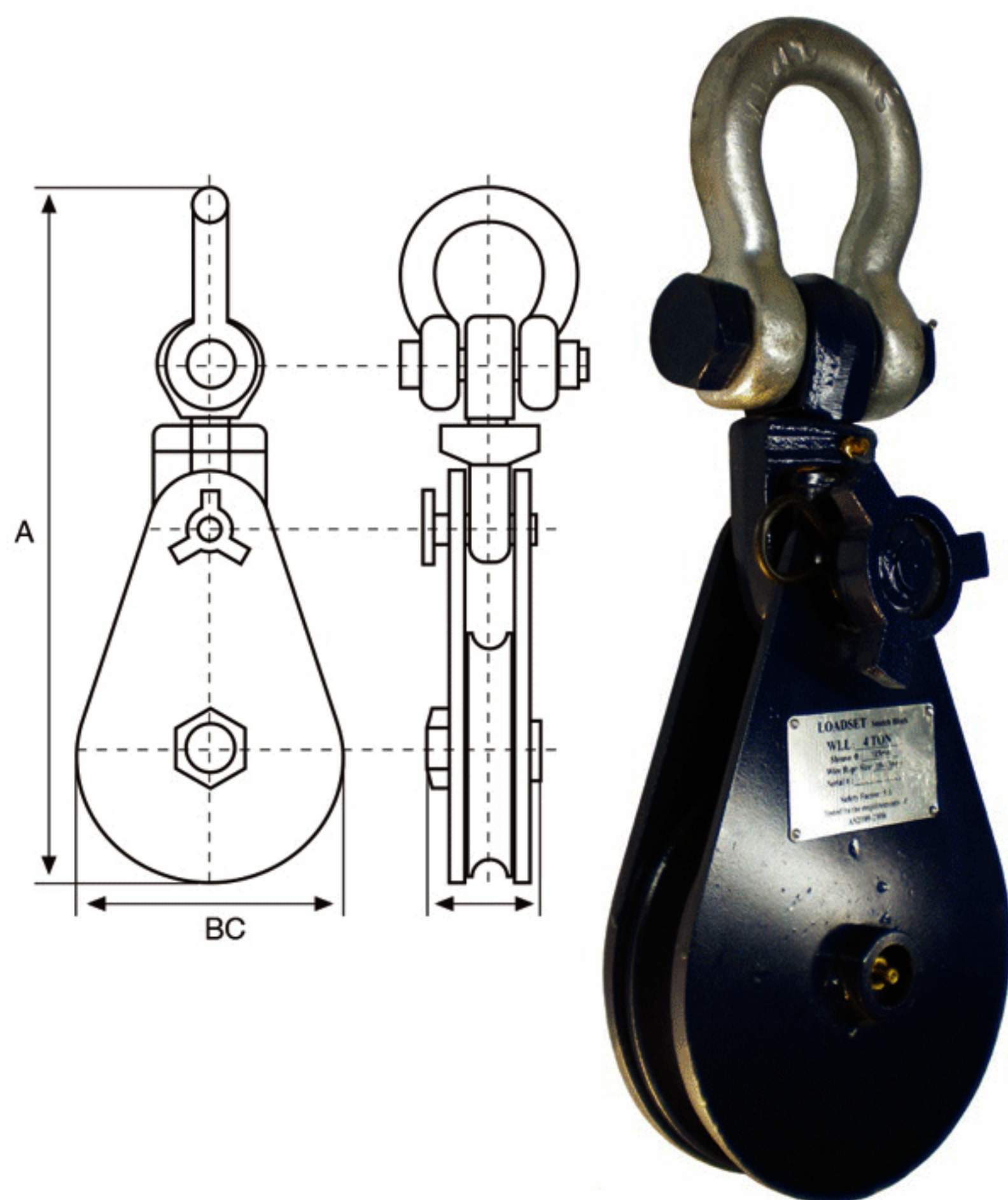
# SNATCH BLOCKS

## HEAVY DUTY SNATCH BLOCK

### Capacities: 2 tonne to 50 tonnes

- Heavy duty construction
- Fitted with grease nipples
- Swivel Shackle head fitting
- Conforms to AS2089

SWIVEL HOOK WITH SAFETY PIN HEAD FITTING  
AVAILABLE UPON REQUEST



| WLL | SHEAVE<br>DIAMETER | WIRE ROPE<br>DIAMETER | A<br>mm | B<br>mm | C<br>mm | UNIT<br>WEIGHT |
|-----|--------------------|-----------------------|---------|---------|---------|----------------|
| 2t  | 75mm               | 8 - 10mm              | 290     | 83      | 75      | 4kg            |
| 4t  | 150mm              | 10 - 13mm             | 415     | 160     | 75      | 9kg            |
| 8t  | 200mm              | 16 - 18mm             | 530     | 210     | 95      | 19kg           |
| 10t | 250mm              | 18 - 20mm             | 680     | 260     | 115     | 35kg           |
| 12t | 250mm              | 20 - 22mm             | 680     | 260     | 115     | 35kg           |
| 15t | 300mm              | 24 - 26mm             | 890     | 310     | 135     | 65kg           |
| 22t | 355mm              | 26 - 32mm             | 960     | 365     | 140     | 90kg           |
| 30t | 500mm              | 32-38mm               | 1230    | 520     | 155     | 210kg          |
| 50t | 600mm              | 44 - 52mm             | 1585    | 630     | 210     | 400kg          |

## MUNUAL SHEAVES & SHEAVE BLOCKS

### Capacities: 250kg to 2 tonnes

An extensive range of manually operated Sheave and Sheave Blocks has been specifically designed for use with Manilla and Wire Rope. With fully interchangeable sheaves and supplied with either drop forged swivel hooks or eyes, this range comes with becketts standard on all single and double bolcks.

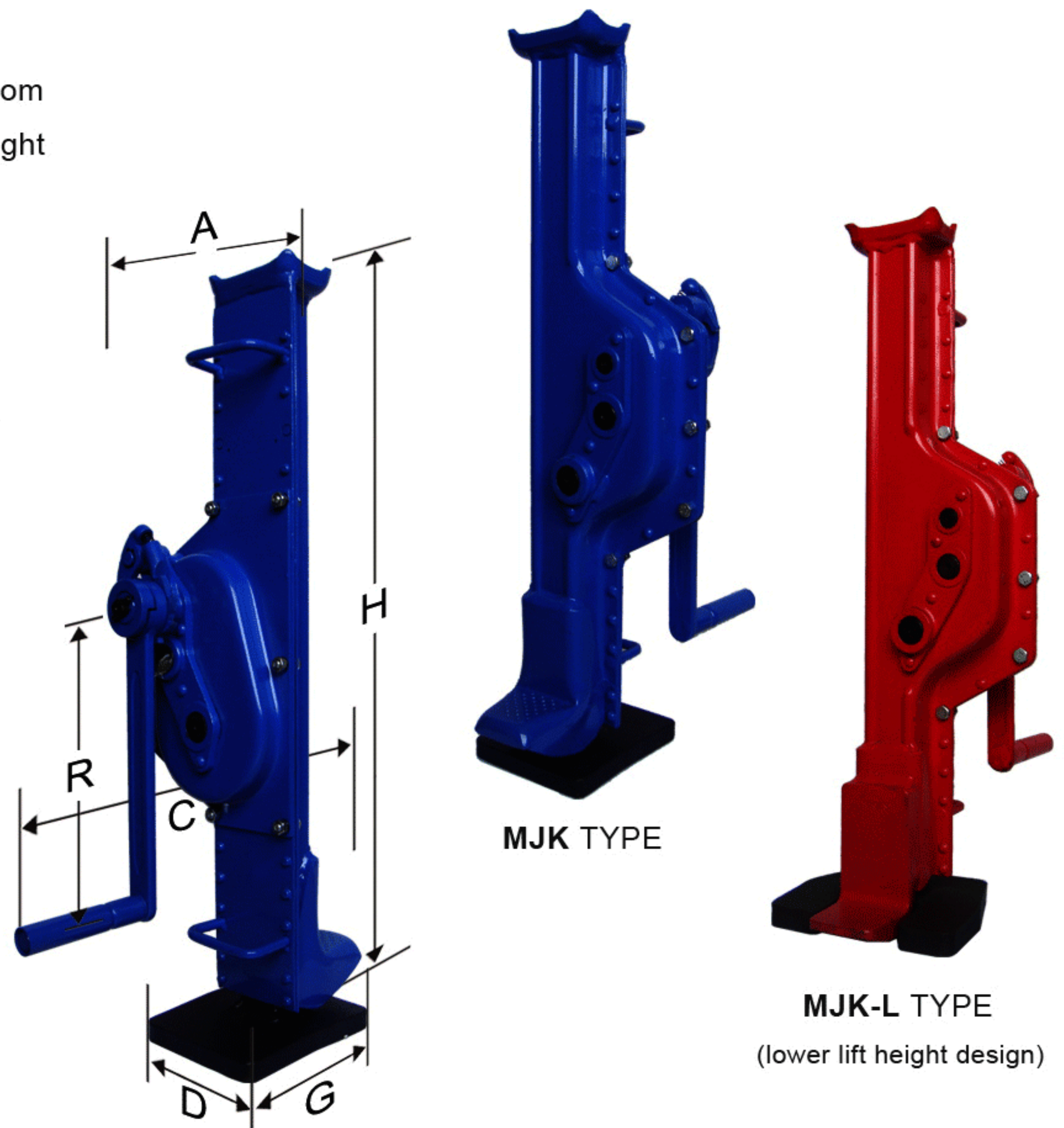
Bronze bushes and safety latches are standard across the range.



| WLL | CAPACITY           |        |        | ROPE Dia.     |            | AXLE DIA.<br>mm | BOSS<br>WIDTH<br>mm |
|-----|--------------------|--------|--------|---------------|------------|-----------------|---------------------|
|     | SINGLE &<br>SNATCH | DOUBLE | TREBLE | MANILLA<br>mm | WIRE<br>mm |                 |                     |
| 63  | 250kg              | 250kg  | 250kg  | 10            | 5          | 12.5            | 20.5                |
| 75  | 250kg              | 250kg  | 250kg  | 12            | 6          | 12.5            | 20.5                |
| 100 | 500kg              | 750kg  | 750kg  | 16            | 8          | 19              | 25.4                |
| 125 | 1t                 | 1t     | 1t     | 20            | 10         | 22              | 29.5                |
| 150 | 1t                 | 1.5t   | 1.5t   | 24            | 12         | 25              | 33.4                |
| 200 | 2t                 | 3t     | 4t     | 32            | 16         | 35              | 46.5                |

## MECHANICAL JACK

MJK type of mechanical jack capacity from 1.5 tonnes to 25 tonnes,  
 MJK-L type of mechanical jack capacity from 1.5 tonnes to 10 tonnes, with lower lift height design.  
 1.25 times of WLL dynamic tested  
 1.5 times of WLL static tested  
 All steel construction  
 Reversing handle available upon request.



| MODEL CODE                |    | MJK1500/1500L | MJK3000/3000L | MJK5000/5000L | MJK10000/10000L | MJK16000 | MJK20000 | MJK25000 |
|---------------------------|----|---------------|---------------|---------------|-----------------|----------|----------|----------|
| Capacity                  | T  | 1.5           | 3             | 5             | 10              | 16       | 20       | 25       |
| Test Load                 | KN | 18.4          | 36.8          | 61.3          | 122.5           | 196      | 245      | 306.3    |
| Effort to Lift Rated Load | N  | 150           | 280           | 280           | 560             | 640      | 640      | 640      |
| Lift Range                | mm | 300           | 350           | 350           | 410             | 320      | 320      | 320      |
| Min. Lift Height mm       | F  | 60/25         | 70/40         | 80/40         | 85/40           | 95       | 100      | 110      |
|                           | H  | 600           | 730           | 730           | 800             | 800      | 860      | 970      |
| Dimensions mm             | A  | 163           | 197           | 189           | 250             | 275      | 275      | 350      |
|                           | C  | 273/289       | 296/316       | 335/355       | 498/523         | 514      | 529      | 538      |
|                           | D  | 100/160       | 130/170       | 140/200       | 140/220         | 150      | 150      | 170      |
|                           | G  | 110/140       | 140/150       | 170           | 170             | 180      | 180      | 200      |
|                           | R  | 225           | 250           | 275           | 300             | 300      | 380      | 380      |
| Net Weight                | Kg | 13.5/14.8     | 21.2/23.3     | 28.5/31.3     | 46.8/49         | 65       | 75       | 91       |

# LIFTER & GRIPS

## PERMANENT MAGNETIC LIFTER

### Capacity: 100kg to 6000kg

Our range of high strength magnetic lifters is produced with super strong Neodymium magnets, with your safety in mind. Operation is by way of turning the manual handle once on the operating surface.

In loading and unloading, the lifter can hoist iron/steel blocks, cylinders and others onto magnetic materials for linkage of connection. It is very convenient for application in loading, unloading and moving.

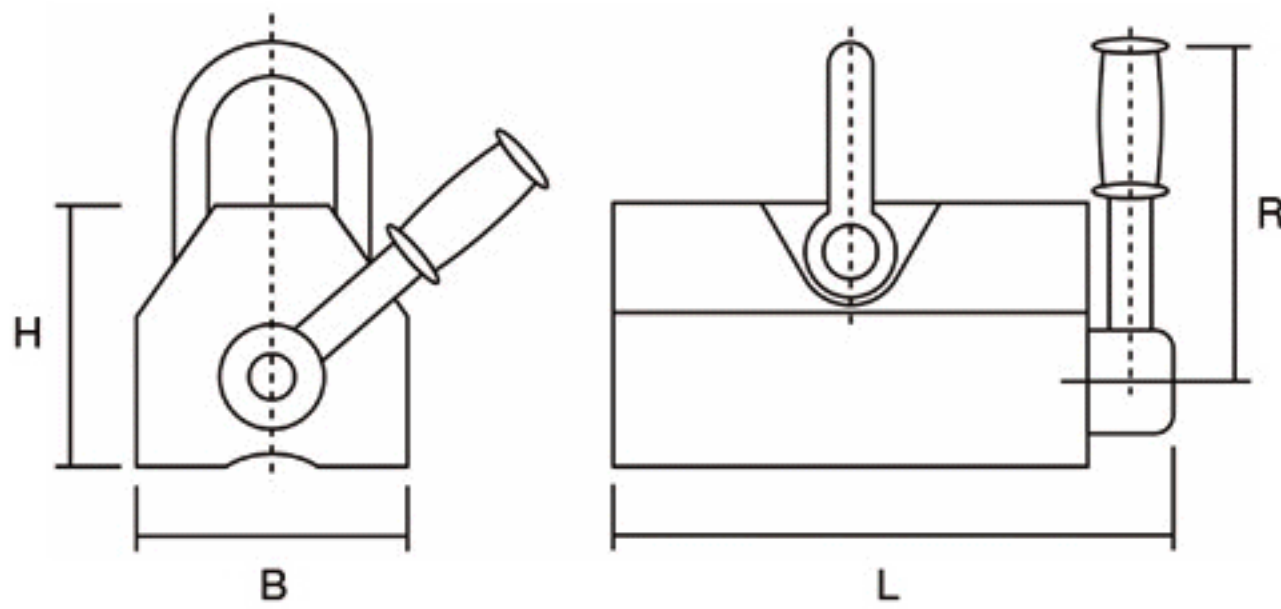
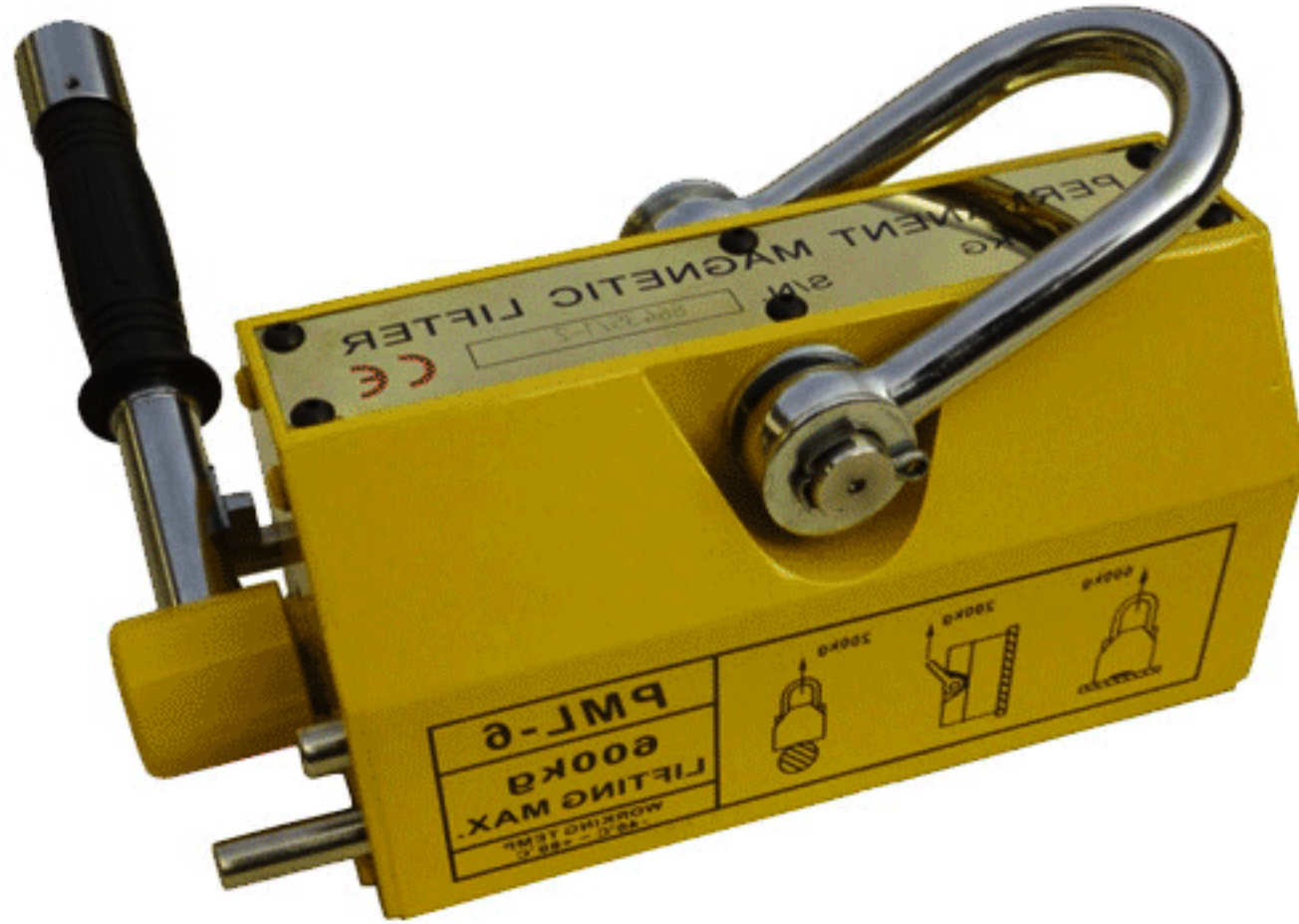
Our lifters are the most ideal lifting facility for factories, docks, warehouses and transportation and are light

and ingeniously structured, easy for application, strong magnetic attraction and safe in handling.

#### Features:

- The Magnetic Lifter's highest pulling force is 3.5 times greater than the rated lifting capacity
- Light weight, ranging from 10 - 50kg
- Safe: No electricity is needed to operate the Magnetic Lifter. Once operated there is less than 1% residual magnetism
- The simple switch and safety button design allows for one handed operation

**COMPLIES WITH AS4991**



| Model No.  | Rated lifting strength | Max Pull-off strength (kg) | B   | L   | H   | R   | Operation Temp (c) | Dead weight (kg) |
|------------|------------------------|----------------------------|-----|-----|-----|-----|--------------------|------------------|
| 4991MF100  | 100                    | 350                        | 62  | 92  | 67  | 126 | 80                 | 3                |
| 4991MF300  | 300                    | 1050                       | 92  | 162 | 91  | 155 | 80                 | 10               |
| 4991MF600  | 600                    | 2100                       | 122 | 232 | 117 | 196 | 80                 | 24               |
| 4991MF1000 | 1000                   | 3500                       | 176 | 258 | 163 | 285 | 80                 | 50               |
| 4991MF2000 | 2000                   | 7000                       | 234 | 378 | 212 | 426 | 80                 | 125              |
| 4991MF3000 | 3000                   | 10500                      | 286 | 458 | 261 | 521 | 80                 | 220              |
| 4991MF6000 | 6000                   | 21000                      | 430 | 600 | 355 | 180 | 80                 | 420              |

## CABLE GRIPS

### Capacity: 100kg to 4000kg

Pulling and tensioning of messenger wire ropes, cable and metal rods, depending in the diameter and surface up to a tension strength of 1.770N/mm<sup>2</sup>

The parallel jaws give a firm non-slip grip, not damage the wire

Solid ductile and malleable iron construction

Guide prevents the grip from dropping off the wire and affords instant release



| PRODUCT CODE    | WRG500 | WRG1000 | WRG2000 | WRG2000L | WRG3000 | WRG3000L | WRG4000 |
|-----------------|--------|---------|---------|----------|---------|----------|---------|
| CAPACITY tonnes | 500    | 1000    | 2000    | 2000     | 3000    | 3000     | 4000    |
| CABLE DIA. mm   | 1-10   | 2.6-15  | 4-22    | 5-25     | 8-25    | 16-32    | 20-35   |
| NET WEIGHT kg   | 0.4    | 0.75    | 1.5     | 2.4      | 2.2     | 2.6      | 3.8     |