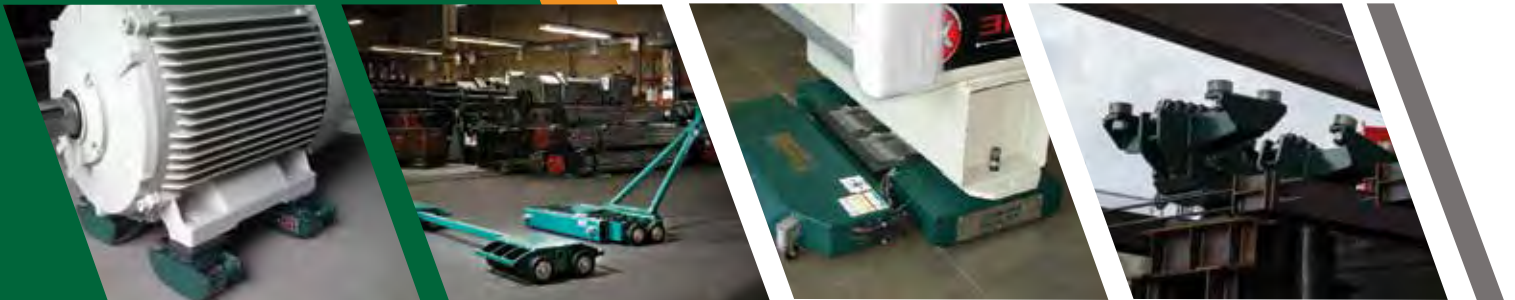




# HILMAN

THE COMPLETE HEAVY LOAD MOVING SOLUTIONS PROVIDER



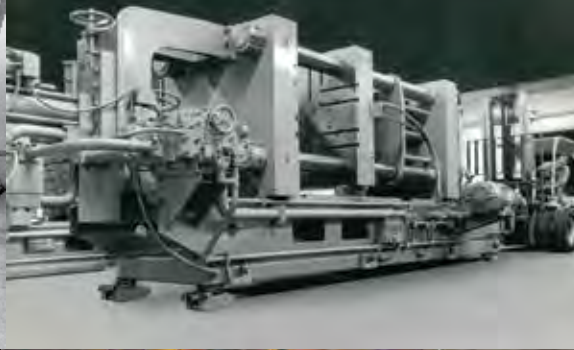
OVER 70 YEARS OF EXCELLENCE

## ENGINEERED SOLUTIONS



[WWW.HILMANROLLERS.COM](http://WWW.HILMANROLLERS.COM)





Hilman Inc. designs, engineers and manufactures high capacity rollers, powered heavy moving systems, and custom load moving solutions.

With more than 70 years of innovation and experience, Hilman has earned and maintained a reputation for offering its customers the highest standards of quality, consistency and value making us a world leader when it comes to heavy load moving solutions.

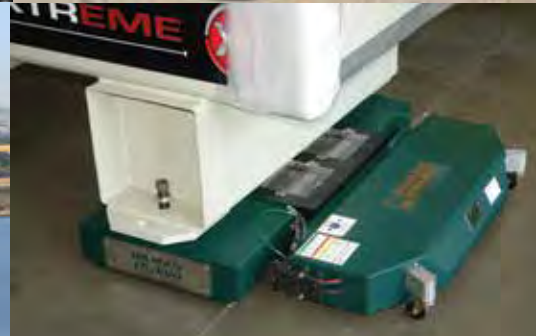
Our high capacity rollers are known throughout the world for their dependability, flexible design, and durability and have been the benchmark by which all other machinery rollers and load moving systems are measured.

In addition, we can design and fabricate custom load moving systems for heavy moving problems that require special attention.

We manufacture our products in the USA. Hilman Inc. is ISO-9001:2015 approved and can submit for the approval of Lloyd's, DNV and ABS as well as other third parties. Hilman is always up for a challenge. If you have a specific project and would like to learn more about our custom load moving solutions, please contact us.



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





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# STEEL CHAIN ROLLER KITS & SETS





# EASY TO CHOOSE, EASY TO USE

Hilman Rollers are high capacity, low profile roller dollies that utilize a recirculating chain design for moving, shifting, or positioning heavy weights.

## FT SERIES



Variety of Top Styles – Versatile top configurations are built into the body of the roller. These steel chain action rollers are a great choice to move heavy equipment over ordinary concrete floors or track.

## NYTON SERIES



Floor Protection – High impact synthetic Nylon rolls are used instead of steel for protection on delicate floor surfaces such as new concrete, epoxy coated surfaces, painted or sealed floors.

## ERS SERIES



Lowest Height – Versatile two-piece design features an open top base roller with serrated side plates to maintain a firm grip on moving loads plus detachable swivel tops for use on ordinary concrete floors or track.

## LIFT



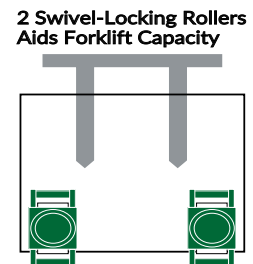
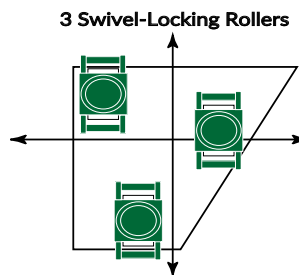
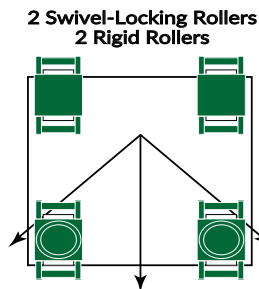
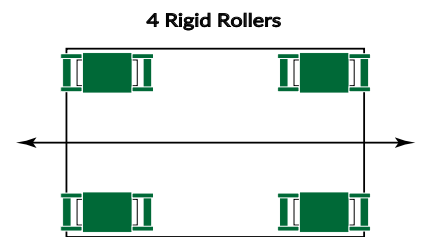
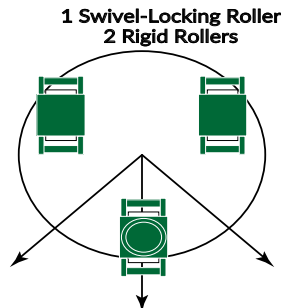
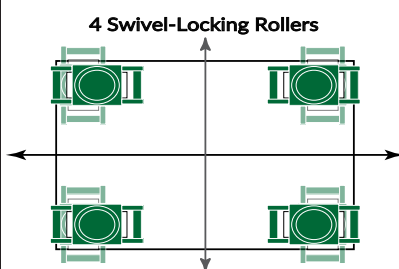
## SET



## ROLL



## ROLLER CONFIGURATIONS



# FT ADVANTAGES

All tops are swivel locking and can be used in swivel or rigid mode.



## SMOOTH STEEL TOPS (S)

ideal for weld mounting the rollers to equipment or as a base unit for a variety of top modifications



## PADDED STEEL TOPS (P)

allow some compression and provide a non-slip surface for moving on less than perfect floors



## DIAMOND STEEL TOP (D)

spike-like steel grid able to grip into wood and provide a secure move for crated or palletized equipment or use supplied pre-load pad

## VERSATILE TOP PLATES

## LOCKING (OPTIONAL)

for added control on long straight moves. Unlock swivel for turning



**CAST STEEL FRAME**  
for high quality

**LOW MAINTENANCE**  
no bearings

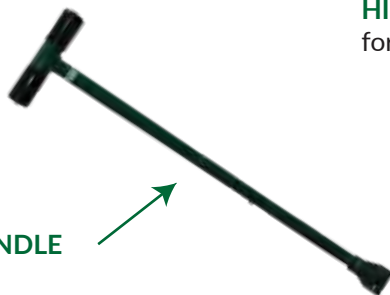
**WIDE CHAIN TRACK**  
distributes load over a greater area

**LOW FRICTION**  
3-5 % depending on rolling surface

**HARDENED, PRECISION GROUND CHAIN ROLLS**  
for durability and extra long life

**HIGH IMPACT NYLON CHAIN (NYTON)**  
for floor protection

**STEERING HANDLE**





# INDIVIDUAL

The FT Series offers the widest array of top configurations that are built right into the body of the roller. With six individual roller capacities, these steel chain action rollers are a perfect choice to move heavy equipment over ordinary concrete floors.

**SP**



**SLP**



**SLD**



**SLS**



| Hilman Part # | Top Style                    | Capacity<br>(metric tons) | Length |      | Width |      | Height |      | Weight |      | Contact<br>Rolls |
|---------------|------------------------------|---------------------------|--------|------|-------|------|--------|------|--------|------|------------------|
|               |                              |                           | (in)   | (mm) | (in)  | (mm) | (in)   | (mm) | (lb)   | (kg) |                  |
| .75-SP        | SWIVEL                       | 0.75                      | 6-1/2  | 165  | 3-5/8 | 92   | 3-1/3  | 84   | 9      | 4    | 5                |
| 2-SP          | PADDED                       | 2                         | 6-1/2  | 165  | 4-1/8 | 92   | 3-5/16 | 79   | 15     | 7    | 5                |
| 3.75-SLP      | SWIVEL<br>LOCKING<br>PADDED  | 3.75*                     | 10-1/2 | 267  | 5-3/4 | 146  | 5      | 127  | 34     | 15   | 5                |
| 7.5-SLP       |                              | 7.5*                      | 10-1/2 | 267  | 5-3/4 | 146  | 5-1/4  | 133  | 38     | 17   | 4                |
| 10-SLP        |                              | 10*                       | 10-1/2 | 267  | 5-3/4 | 146  | 5-1/4  | 133  | 38     | 17   | 4                |
| 15-SLP        |                              | 15                        | 12-3/4 | 324  | 6-3/8 | 162  | 5-1/8  | 130  | 49     | 22   | 5                |
| 30-SLP        |                              | 30*                       | 15     | 380  | 8     | 203  | 8      | 203  | 122    | 55   | 5                |
| 3.75-SLD      | SWIVEL<br>LOCKING<br>DIAMOND | 3.75*                     | 10-1/2 | 267  | 5-3/4 | 146  | 4-3/4  | 121  | 34     | 15   | 5                |
| 7.5-SLD       |                              | 7.5*                      | 10-1/2 | 267  | 5-3/4 | 146  | 5      | 127  | 37     | 17   | 4                |
| 10-SLD        |                              | 10*                       | 10-1/2 | 267  | 5-3/4 | 146  | 5      | 127  | 37     | 17   | 4                |
| 15-SLD        |                              | 15                        | 12-3/4 | 324  | 6-3/8 | 162  | 4 7/8  | 124  | 49     | 22   | 5                |
| 30-SLD        |                              | 30                        | 15     | 380  | 8     | 203  | 7-3/32 | 180  | 118    | 54   | 5                |
| 3.75-SLS      | SWIVEL<br>LOCKING<br>SMOOTH  | 3.75                      | 10-1/2 | 267  | 6     | 152  | 4-5/8  | 117  | 35     | 16   | 5                |
| 7.5-SLS       |                              | 7.5*                      | 10-1/2 | 267  | 6     | 152  | 4-7/8  | 124  | 38     | 17   | 4                |
| 10-SLS        |                              | 10*                       | 10-1/2 | 267  | 6     | 152  | 4-7/8  | 124  | 38     | 17   | 4                |
| 15-SLS        |                              | 15                        | 12-3/4 | 324  | 6-3/8 | 162  | 4-3/4  | 121  | 50     | 23   | 5                |

\*Width dimension of top exceeds roller frame width



# KITS & SETS

FT Series Kits and Sets machinery moving skates offer an array of top configurations, built right into the body of the roller, making them ideal for moving heavy equipment over ordinary concrete floors and track.

## KRS-15-SLD



## KRS-30-SLP



| Hilman Part # | Capacity<br>(metric tons) | Kit/Set Includes                                                     | Weight |      |
|---------------|---------------------------|----------------------------------------------------------------------|--------|------|
|               |                           |                                                                      | (lb)   | (kg) |
| KRS-3-4S      | 3                         | (4) 0.75-SP Rollers, (2) 3-KH Handles, Case                          | 55     | 25   |
| KRS-8-4S      | 8                         | (4) 2-SP Rollers, (2) 8-KH Handles, Case                             | 85     | 39   |
| KRS-15-SLP    | 15                        | (4) 3.75-SLP Rollers, (2) KDH48F Handles, Case                       | 203    | 92   |
| KRS-15-SLD    | 15                        | (4) 3.75-SLD Rollers, (4) P-1 Preload Pads, (2) KDH48F Handles, Case | 203    | 92   |
| KRS-30-SLP    | 30                        | (4) 7.5-SLP Rollers, (2) KDH48F Handles, Case                        | 215    | 98   |
| KRS-30-SLD    | 30                        | (5) 7.5-SLD Rollers, (4) P-1 Preload Pads, (2) KDH48F Handles, Case  | 215    | 98   |
| KRS-40-SLP    | 40                        | (4) 10-SLP Rollers, (2) KDH48F Kit Size Handles, Case                | 219    | 99   |
| KRS-40-SLD    | 40                        | (6) 10-SLD Rollers, (4) P-1 Preload Pads, (2) KDH48F Handles, Case   | 219    | 99   |
| KRS-60-SLP    | 60                        | (4) 15-SLP Rollers, (2) KDH48F Kit Size Handles, Case                | 255    | 116  |
| KRS-60-SLD    | 60                        | (7) 15-SLD Rollers, (4) P-1 Preload Pads, (2) KDH48F Handles, Case   | 259    | 117  |
| RS-120-SLP    | 120                       | (4) 30-SLP Rollers, (2) H60F 60" Handles                             | 242    | 256  |
| RS-120-SLD    | 120                       | (8) 30-SLD Rollers, (4) P-2 Preload Pads, (2) H60F 60" Handles       | 540    | 245  |

All Kits 15 to 60 tons include- Steel Case Kit Box KB-D2: 27.75" (705mm) x 14.75" (375mm) x 9.63" (245mm)

All Kits 3 to 8 tons include- Steel Case Kit Box KB-D1: 16" (406mm) x 12.375" (314mm) x 4.44" (113mm)

## KIT & SET STEERING HANDLES



| Hilman Part # | Fits                     | Fits                     | Description               | Length |      | Weight |      |
|---------------|--------------------------|--------------------------|---------------------------|--------|------|--------|------|
|               |                          |                          |                           | (in)   | (mm) | (lb)   | (kg) |
| 3-KH          | FT 3 ton Kits            | Nyton 2 ton Kits         | Steering Handle           | 15     | 381  | 3      | 1    |
| 8-KH          | FT 8 ton Kits            | Nyton 4 ton Kits         | Knockdown Steering Handle | 30     | 762  | 6      | 3    |
| KDH48F        | FT 15 - 60 ton Kits      | Nyton 8 - 24 ton Kits    | Knockdown Steering Handle | 48     | 1219 | 12     | 5    |
| H36F          | FT 3.75 - 15 ton Rollers | Nyton 2 - 10 ton Rollers | Steering Handle           | 36     | 914  | 10     | 5    |
| H48F          | FT 3.75 - 30 ton Rollers | Nyton 2 -10 ton Rollers  | Steering Handle           | 48     | 1219 | 12     | 5    |
| H60F          | FT 3.75- 50 ton Rollers  | Nyton 2 - 10 Rollers     | Steering Handle           | 60     | 1524 | 25     | 11   |



The Nyton series is designed for heavy moving capabilities on delicate floor surfaces such as new concrete, epoxy coated surfaces, painted or sealed floors.

| Hilman Part # | Capacity<br>(metric tons) | Length |      | Width |      | Height  |      | Weight |      | Contact | Type   | Top Style |
|---------------|---------------------------|--------|------|-------|------|---------|------|--------|------|---------|--------|-----------|
|               |                           | (in)   | (mm) | (in)  | (mm) | (in)    | (mm) | (lb)   | (kg) |         |        |           |
| N.5-SP        | 0.5                       | 6 1/2  | 165  | 3 5/8 | 92   | 3 7/16  | 87   | 7      | 3    | 5       | Swivel | Padded    |
| N1-SP         | 1                         | 6 1/2  | 165  | 4 1/8 | 105  | 3 15/16 | 100  | 12     | 5    | 4       | Swivel | Padded    |
| N2-SLP        | 2                         | 10 1/2 | 267  | 5 3/4 | 146  | 5       | 127  | 28     | 13   | 5       | Swivel | Padded    |
| N3-SLP        | 3                         | 10 1/2 | 267  | 5 3/4 | 146  | 5 1/4   | 134  | 29     | 13   | 4       | Swivel | Padded    |
| N6-SLP        | 6                         | 12 3/4 | 324  | 324   | 162  | 5 1/8   | 130  | 36     | 16   | 5       | Swivel | Padded    |
| N10-SLP       | 10                        | 15     | 381  | 8     | 203  | 5       | 202  | 100    | 45   | 5       | Swivel | Padded    |

*\*Width dimension of top exceeds roller frame width*

## KNRS-2-4S



## KNRS-8-SLP



## KITS & SETS

| Hilman Part # | Capacity<br>(metric tons) | Kit/Set Includes                                      | Weight |      |
|---------------|---------------------------|-------------------------------------------------------|--------|------|
|               |                           |                                                       | (lb)   | (kg) |
| KNRS-2-4S     | 2                         | (4) N.5-SP Rollers, (2) 3-KH Handles, Case            | 47     | 21   |
| KNRS-4-4S     | 4                         | (4) N1-SLP Rollers, (2) 8-KH Handles, Case            | 69     | 61   |
| KNRS-8-SLP    | 8                         | (4) N3-SLP Rollers, (2) KDH48F Kit Size Handles, Case | 179    | 81   |
| KNRS-12-SLP   | 12                        | (4) N3-SLP Rollers, (2) KDH48F Kit Size Handles, Case | 179    | 81   |
| KNRS-24-SLP   | 24                        | (4) N6-SLP Rollers, (2) KDH48F Kit Size Handles, Case | 203    | 92   |
| NRS-40-SLP    | 40                        | (4) N10-SLP Rollers, (2) H60F 60" Handles             | 458    | 208  |

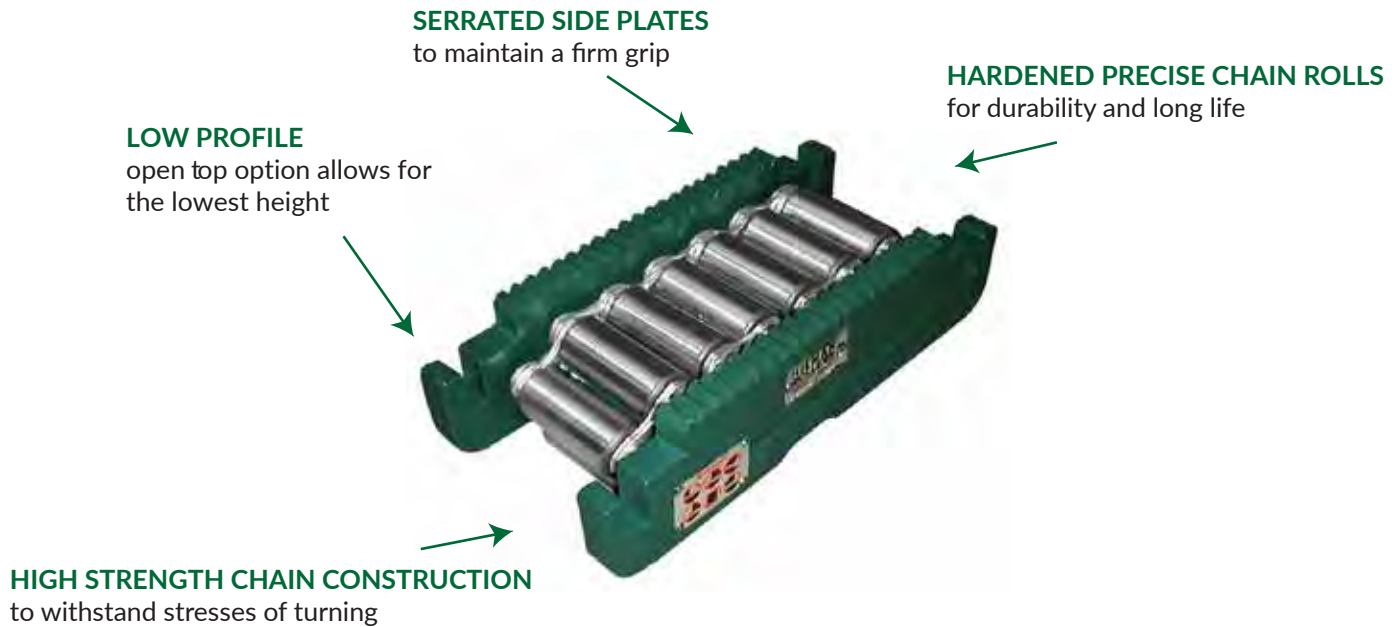
*All Kits include - Steel Case Kit Box KB-D2: 27.75" (705mm) x 14.75" (375mm) x 9.63" (245mm)*





# ERS ADVANTAGES

The ERS Series features a two-piece design with a base roller and serrated side plates to maintain a firm grip on moving loads plus detachable swivel attachments. Manually situated on the Rollers, these optional attachments enhance maneuverability and add minimal height to the basic roller. It is especially valuable for tasks requiring a roller with low clearance.



| Hilman Part # | Capacity<br>(metric tons) | Length |      | Width  |      | Height |      | Weight |      | Contact<br>Rolls |
|---------------|---------------------------|--------|------|--------|------|--------|------|--------|------|------------------|
|               |                           | (in)   | (mm) | (in)   | (mm) | (in)   | (mm) | (lb)   | (kg) |                  |
| 5-ERS         | 5                         | 8-5/8  | 219  | 5-5/16 | 135  | 2-3/4  | 70   | 20     | 9    | 5                |
| 12.5-ERS      | 12.5                      | 10-3/8 | 264  | 5-5/8  | 143  | 3-3/8  | 86   | 31     | 14   | 5                |
| 25-ERS        | 25                        | 5-3/4  | 400  | 7-1/4  | 184  | 4-3/4  | 121  | 79     | 36   | 5                |
| 65-ERS        | 65                        | 23     | 584  | 7-3/8  | 187  | 5-5/8  | 143  | 156    | 71   | 7                |
| 100-ERS       | 100                       | 23     | 584  | 7-7/8  | 200  | 5-5/8  | 143  | 164    | 75   | 7                |

## BANJO TOPS



**SWIVEL LOCKING  
DIAMOND TOP**  
has spike-like grid able to  
grip wood or use supplied  
pre-load pad



**PRE-LOAD PAD**

| Swivel Locking<br>Diamond Top | Roller Part # | Diamond (D) Style Attachment |      |       |      |          |      |        |      |
|-------------------------------|---------------|------------------------------|------|-------|------|----------|------|--------|------|
|                               |               | Height                       |      | Width |      | Length   |      | Weight |      |
|                               |               | (in)                         | (mm) | (in)  | (mm) | (in)     | (mm) | (lb)   | (kg) |
| T-5-LD                        | 5-ERS         | 4-7/16                       | 113  | 5-7/8 | 149  | 10-3/4   | 273  | 13     | 6    |
| T-12.5-LD                     | 12.5-ERS      | 5-1/16                       | 129  | 5-7/8 | 149  | 12-1/2   | 318  | 14     | 6    |
| T-25-LD                       | 25-ERS        | 7-1/16                       | 179  | 8     | 203  | 18-19/32 | 472  | 42     | 19   |
| T-65-LD                       | 65-ERS        | 7-15/16                      | 202  | 8-3/8 | 213  | 25-3/8   | 645  | 47     | 21   |
| T-100-LD                      | 100-ERS       | 7-15/16                      | 202  | 8-3/8 | 213  | 25-3/8   | 645  | 47     | 21   |



# KITS & SETS

The ERS Kits and Sets features a two-piece design with a base roller for straight-line movement and a detachable swivel attachment for easy turning. These kits are particularly valuable for tasks requiring low-clearance rollers, with the swivel-locking capabilities enhancing maneuverability.

## KRS-20-ERSD



## RS-100-ERSD



| Hilman Part # | Capacity<br>(metric tons) | Kit/Set Includes                                                                                                                          | Weight |      |
|---------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------|------|
|               |                           |                                                                                                                                           | (lb)   | (kg) |
| KRS-20-ERSD   | 20                        | (4) 5-ERS Rollers, (4) T-5-LD Swivel Locking Diamond Attachments, (4) P-1 Preload Pads, (2) KDH48E Knockdown Steering Handles, Case       | 201    | 91   |
| KRS-50-ERSD   | 50                        | (4) 12.5-ERS Rollers, (4) T-12.5-LD Swivel Locking Diamond Attachments, (4) P-1 Preload Pads, (2) KDH48E Knockdown Steering Handles, Case | 249    | 113  |
| RS-100-ERSD   | 100                       | (4) 25-ERS Rollers, (4) T-25-LD Swivel Locking Diamond Attachments, (4) P-2 Preload Pads, (2) H48E Steering Handles                       | 514    | 233  |
| RS-260-ERSD   | 260                       | (5) 65-ERS Rollers, (4) T-65-LD Swivel Locking Diamond Attachments, (4) P-2 Preload Pads, (2) H60E Steering Handles                       | 870    | 395  |
| RS-400-ERSD   | 400                       | (6) 100-ERS Rollers, (4) T-100-LD Swivel Locking Diamond Attachments, (4) P-2 Preload Pads, (2) H60E Steering Handles                     | 906    | 411  |

All Kits 20 & 50 tons include - Steel Case Kit Box KB-D2: 27.75" (705mm) x 14.75" (375mm) x 9.63" (245mm)

## KITS & SETS STEERING HANDLES



| Hilman Part # | Fits                                    | Description      | Length |      | Weight |      |
|---------------|-----------------------------------------|------------------|--------|------|--------|------|
|               |                                         |                  | (in)   | (mm) | (lb)   | (kg) |
| KDH48E        | ERS Series 15 - 50 ton Kits             | Knockdown Handle | 48     | 1219 | 11     | 5    |
| H36E          | ERS Series Swivel Attachments to T - 25 | Steering Handle  | 36     | 914  | 7      | 3    |
| H48E          | ERS Swivel Attachments to T - 65        | Steering Handle  | 48     | 1219 | 10     | 5    |
| H60E          | All ERS Series Swivel Attachments       | Steering Handle  | 60     | 1524 | 24     | 11   |



# ROLLERS





# ENDLESS POSSIBILITIES

Our OT, NT, T Series rollers can withstand high static loading over long periods of time, often carrying the full load weight for years with no adverse effects. Because loads are spread over a wide area and carried by the load plate and the contact rolls, rollers are ideal for many applications requiring the frequent movement of heavy loads.

## OT, NT, T



OT, NT, T Rollers are fabricated from high strength steel. Load plates of 37.5-ton and higher capacities undergo a special machine process to minimize side-to-side movement of chain. The rollers can also be used inverted, as static conveyors.

## SHD



Super Heavy Duty Rollers are the highest capacity rollers that Hilman offers as standard models. 150 & 200 Ton frames come in Long (L) or Wide (W). Wide frame versions are offered with one complete (wide) chain or with two individual chains with a center plate (C) dividing them.

## LOW COEFFICIENT OF FRICTION

The combination of a hard steel load plate with a chain of concentrically grouped, hardened steel rolls provides optimal low-friction performance under ideal conditions. These ideal conditions include an evenly centered load on the rollers and a hardened steel rolling surface that is smooth, level, and free of debris. Under such conditions, our rollers have been tested and demonstrate a coefficient of friction between 1% and 2%.



## SUPERIOR WEIGHT DISTRIBUTION

This roller design creates an even load bearing area or footprint. The wide footprint spans gaps in running plates and small cracks in a floor surface, allowing for an uninterrupted move. Due to the multi-rolled concept, if a roll should break, the load won't fall because there are other contact rolls on the chain to compensate.



# ROLLERS ADVANTAGES

These rollers come in a variety of capacities, frame and top styles. They can easily be modified for any application.



**OVERSIZED TOP (OT)**  
overhang side to side

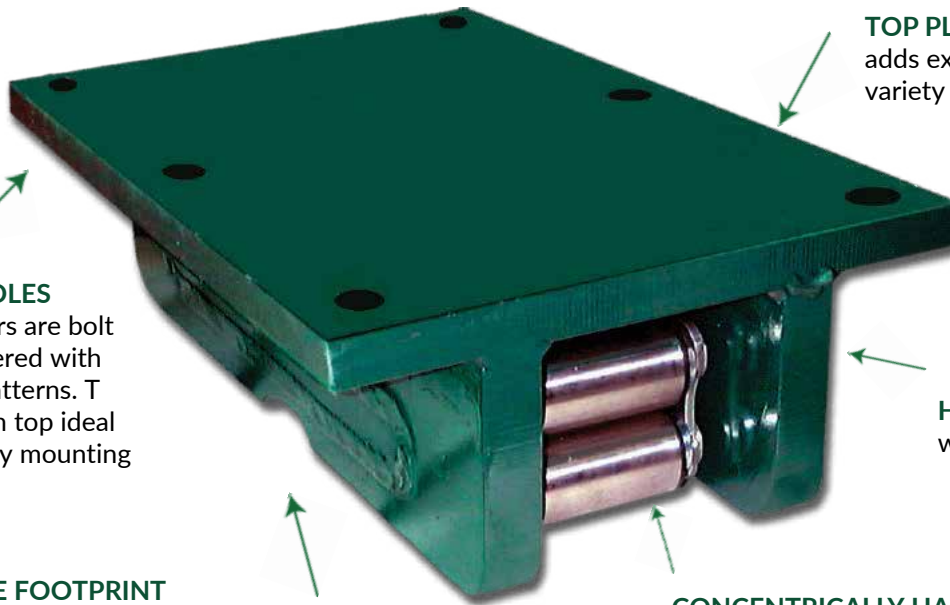


**NARROW TOP (NT)**  
overhang front to back



**FLUSH TOP (T)**  
add extra strength to the  
frame and offer a variety of  
mounting capabilities

## TOP STYLES



### MOUNTING HOLES

OT and NT rollers are bolt on style and offered with standard hole patterns. T rollers have flush top ideal for weld or cavity mounting

### TOP PLATE

adds extra strength to the frame and variety to mounting capabilities

### LOW FRICTION

3-5% depending on rolling surface

**HIGH STRENGTH STEEL FRAME**  
with inner-locking construction

### WIDE FOOTPRINT

The wide footprint spreads load over greater area

**CONCENTRICALLY HARDENED STEEL ROLLS**  
offer low friction

### EASILY MODIFIED

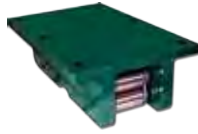
endless number of custom configurations



# OT, NT, T

The OT, NT, T Rollers are fabricated from high strength steel. Load plates of 37.5-ton and higher capacities undergo a special machine process to minimize side-to-side movement of chain. The rollers can also be used inverted, as static conveyors.

OT



NT



T



| Hilman<br>Part # | Capacity<br>(metric<br>tons) | <<<<<Body Dimensions>>>>>  |            |              | <<<<Top Plate Dimensions>>>> |            |              | Contact<br>Rolls | <<<<<<<Footprint>>>>>>>    |             | Weight<br>lb (kg) |
|------------------|------------------------------|----------------------------|------------|--------------|------------------------------|------------|--------------|------------------|----------------------------|-------------|-------------------|
|                  |                              | Length                     | Height     | Width        | Thickness                    | Width      | Length       |                  | Roll Diameter              | Roll Width  |                   |
|                  |                              | <<<<<< Inches (mm) >>>>>>> |            |              | <<<<<< Inches (mm) >>>>>>>   |            |              |                  | <<<<<< Inches (mm) >>>>>>> |             |                   |
| 1-OT             | 1                            | 6.0 (152)                  | 2.375 (60) | 3.5625 (91)  | .375 (10)                    | 6.0 (152)  | 6.0 (152)    | 5                | 11/16 (17)                 | 2 (51)      | 11 (5)            |
| 5-OT             | 5                            | 8.0 (203)                  | 3.125 (79) | 4.4375 (113) | .375 (10)                    | 8.0 (203)  | 8.0 (203)    | 5                | 15/16 (24)                 | 2-7/16 (62) | 22 (10)           |
| 8-OT             | 8                            | 8.0 (203)                  | 3.125 (79) | 5.3125 (135) | .375 (10)                    | 8.0 (203)  | 8.0 (203)    | 5                | 15/16 (24)                 | 3-5/16 (84) | 24 (11)           |
| 15-OT            | 15                           | 10.625 (270)               | 3.875 (98) | 5.1875 (132) | .625 (16)                    | 10.0 (254) | 10.625 (270) | 5                | 1-3/16 (30)                | 2-3/4 (70)  | 47 (21)           |
| 20-OT            | 20                           | 10.625 (270)               | 3.875 (98) | 6.4375 (164) | .625 (16)                    | 10.0 (254) | 10.625 (270) | 5                | 1-3/16 (30)                | 4 (102)     | 54 (24)           |
| 37.5-OT          | 37.5                         | 15.0 (381)                 | 5.5 (140)  | 7.25 (184)   | .75 (19)                     | 12.0 (305) | 15.0 (381)   | 5                | 1-5/8 (41)                 | 3-1/2 (89)  | 119 (54)          |
| 50-OT            | 50                           | 18.5 (470)                 | 5.5 (140)  | 7.25 (184)   | .75 (19)                     | 12.0 (305) | 18.5 (470)   | 7                | 1-5/8 (41)                 | 3-1/2 (89)  | 153 (69)          |
| 75-OT            | 75                           | 21.0 (533)                 | 6.75 (171) | 7.375 (187)  | 1.00 (25)                    | 14.0 (356) | 21.0 (533)   | 7                | 1-15/16 (49)               | 3-5/8 (92)  | 235 (107)         |

Height includes Top Plate Thickness

| Hilman<br>Part # | Capacity<br>(metric<br>tons) | <<<<<Body Dimensions>>>>>  |            |              | <<<<Top Plate Dimensions>>>> |           |             | Contact<br>Rolls | <<<<<<<Footprint>>>>>>>    |             | Weight<br>lb (kg) |
|------------------|------------------------------|----------------------------|------------|--------------|------------------------------|-----------|-------------|------------------|----------------------------|-------------|-------------------|
|                  |                              | Length                     | Height     | Width        | Thickness                    | Width     | Length      |                  | Roll Diameter              | Roll Width  |                   |
|                  |                              | <<<<<< Inches (mm) >>>>>>> |            |              | <<<<<< Inches (mm) >>>>>>>   |           |             |                  | <<<<<< Inches (mm) >>>>>>> |             |                   |
| 1-NT             | 1                            | 6.0 (152)                  | 2.375 (60) | 3.5625 (91)  | .375 (10)                    | 3.5 (89)  | 8.0 (203)   | 5                | 11/16 (17)                 | 2 (51)      | 10 (5)            |
| 5-NT             | 5                            | 8.0 (203)                  | 3.125 (79) | 4.4375 (113) | .375 (10)                    | 4.5 (114) | 11.75 (298) | 5                | 15/16 (24)                 | 2-7/16 (62) | 20 (9)            |
| 8-NT             | 8                            | 8.0 (203)                  | 3.125 (79) | 5.3125 (135) | .375 (10)                    | 5.0 (127) | 11.75 (298) | 5                | 15/16 (24)                 | 3-5/16 (84) | 24 (11)           |
| 15-NT            | 15                           | 10.625 (270)               | 3.875 (98) | 5.1875 (132) | .625 (16)                    | 5.0 (127) | 14.75 (375) | 5                | 1-3/16 (30)                | 2-3/4 (70)  | 41 (19)           |
| 20-NT            | 20                           | 10.625 (270)               | 3.875 (98) | 6.4375 (164) | .625 (16)                    | 6.5 (165) | 14.75 (375) | 5                | 1-3/16 (30)                | 4 (102)     | 52 (24)           |
| 37.5-NT          | 37.5                         | 15.0 (381)                 | 5.5 (140)  | 7.25 (184)   | .75 (19)                     | 7.0 (178) | 21.0 (533)  | 5                | 1-5/8 (41)                 | 3-1/2 (89)  | 112 (51)          |
| 50-NT            | 50                           | 18.5 (470)                 | 5.5 (140)  | 7.25 (184)   | .75 (19)                     | 7.0 (178) | 22.5 (572)  | 7                | 1-5/8 (41)                 | 3-1/2 (89)  | 140 (64)          |
| 75-NT            | 75                           | 21.0 (533)                 | 6.75 (171) | 7.375 (187)  | 1.00 (25)                    | 7.5 (191) | 27.0 (686)  | 7                | 1-15/16 (49)               | 3-5/8 (92)  | 210 (95)          |

Height includes Top Plate Thickness

| Hilman<br>Part # | Capacity<br>(metric<br>tons) | <<<<<Body Dimensions>>>>>  |            |              | <<<<Top Plate Dimensions>>>> |           |              | Contact<br>Rolls | <<<<<<<Footprint>>>>>>>    |             | Weight<br>lb (kg) |
|------------------|------------------------------|----------------------------|------------|--------------|------------------------------|-----------|--------------|------------------|----------------------------|-------------|-------------------|
|                  |                              | Length                     | Height     | Width        | Thickness                    | Width     | Length       |                  | Roll Diameter              | Roll Width  |                   |
|                  |                              | <<<<<< Inches (mm) >>>>>>> |            |              | <<<<<< Inches (mm) >>>>>>>   |           |              |                  | <<<<<< Inches (mm) >>>>>>> |             |                   |
| 1-T              | 1                            | 6.0 (152)                  | 2.375 (60) | 3.5625 (91)  | .375 (10)                    | 3.5 (89)  | 6.0 (152)    | 5                | 11/16 (17)                 | 2 (51)      | 9 (4)             |
| 5-T              | 5                            | 8.0 (203)                  | 3.125 (79) | 4.4375 (113) | .375 (10)                    | 4.5 (114) | 8.0 (203)    | 5                | 15/16 (24)                 | 2-7/16 (62) | 19 (9)            |
| 8-T              | 8                            | 8.0 (203)                  | 3.125 (79) | 5.3125 (135) | .375 (10)                    | 5.0 (127) | 8.0 (203)    | 5                | 15/16 (24)                 | 3-5/16 (84) | 22 (10)           |
| 15-T             | 15                           | 10.625 (270)               | 3.875 (98) | 5.1875 (132) | .625 (16)                    | 5.0 (127) | 10.625 (270) | 5                | 1-3/16 (30)                | 2-3/4 (70)  | 38 (17)           |
| 20-T             | 20                           | 10.625 (270)               | 3.875 (98) | 6.4375 (164) | .625 (16)                    | 6.5 (165) | 10.625 (270) | 5                | 1-3/16 (30)                | 4 (102)     | 47 (21)           |
| 37.5-T           | 37.5                         | 15.0 (381)                 | 5.5 (140)  | 7.25 (184)   | .75 (19)                     | 7.0 (178) | 15.0 (381)   | 5                | 1-5/8 (41)                 | 3-1/2 (89)  | 103 (47)          |
| 50-T             | 50                           | 18.5 (470)                 | 5.5 (140)  | 7.25 (184)   | .75 (19)                     | 7.0 (178) | 18.5 (470)   | 7                | 1-5/8 (41)                 | 3-1/2 (89)  | 134 (61)          |
| 75-T             | 75                           | 21.0 (533)                 | 6.75 (171) | 7.375 (187)  | 1.00 (25)                    | 7.5 (191) | 21.0 (533)   | 7                | 1-15/16 (49)               | 3-5/8 (92)  | 198 (90)          |

Height includes Top Plate Thickness





The Super Heavy Duty Rollers are the highest capacity rollers that Hilman offers as standard models. 150 & 200 Ton frames come in Long (L) or Wide (W). Wide frame versions are offered with one complete (wide) chain or with two individual chains and a center plate (C) dividing them.

## XOT, XOTL, XOTW, XOTWC



## XNT, XNTL, XNTW, XNTWC



## XT, XTL, XTW, XTWC



| Hilman Part # | Capacity<br>(tons) | <<<<<Body Dimensions>>>>>                               |            |               | <<<<Top Plate Dimensions>>>> |            |            | Contact<br>Rolls | <<<<<<Footprint>>>>>>>    |            | Weight<br>lb (kg) |
|---------------|--------------------|---------------------------------------------------------|------------|---------------|------------------------------|------------|------------|------------------|---------------------------|------------|-------------------|
|               |                    | Length                                                  | Height     | Width         | Thickness                    | Width      | Length     |                  | Roll Diameter             | Roll Width |                   |
|               |                    | <<<<<< Inches (mm) >>>>>>                               |            |               | <<<<<< Inches (mm) >>>>>>    |            |            |                  | <<<<<< Inches (mm) >>>>>> |            |                   |
| 100-XOT       | 100                | 21.0 (533)                                              | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 14.0 (356) | 21.0 (533) | 7                | 1-15/16 (49)              | 3-5/8 (92) | 250 (113)         |
| 150-XOTL      | 150                | 32.0 (813)                                              | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 14.0 (356) | 32.0 (813) | 11               | 1-15/16 (49)              | 3-5/8 (92) | 381 (172)         |
| 150-XOTW      | 150                | 21.0 (533)                                              | 6.75 (171) | 9.875 (251)   | 1.00 (25)                    | 16.0 (406) | 21.0 (533) | 14               | 1-15/16 (49)              | 2-3/4 (70) | 299 (136)         |
| 200-XOTL      | 200                | 36.0 (914)                                              | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 14.0 (356) | 36.0 (914) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 443 (201)         |
| 200-XOTW      | 200                | 21.0 (533)                                              | 6.75 (171) | 11.5625 (294) | 1.00 (25)                    | 21.0 (533) | 21.0 (533) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 364 (165)         |
| 200-XOTWC     | 200                | 21.0 (533)                                              | 6.75 (171) | 14.5 (368)    | 1.00 (25)                    | 21.0 (533) | 21.0 (533) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 423 (192)         |
| 300-XOT       | 300                | 34.0 (864)                                              | 10.0 (254) | 10.75 (273)   | 1.50 (38)                    | 21.0 (533) | 34.0 (864) | 8                | 2-15/16 (74)              | 5 (127)    | 849 (385)         |
| 500-XOT       | 500                | 34.0 (864)                                              | 10.0 (254) | 20.0 (508)    | 1.50 (38)                    | 30.0 (762) | 34.0 (864) | 16               | 2-15/16 (74)              | 5 (127)    | 1430 (649)        |
| 750-XOT       | 750                | 34.0 (864)                                              | 10.0 (254) | 27.5 (699)    | 1.50 (38)                    | 37.5 (953) | 34.0 (864) | 24               | 2-15/16 (74)              | 5 (127)    | 2044 (927)        |
| 1000-XOT      | 1000               | *****CONSULT FACTORY FOR SPECIFICATIONS AND WEIGHT***** |            |               |                              |            |            |                  |                           |            |                   |

| Hilman Part # | Capacity<br>(tons) | <<<<<Body Dimensions>>>>>                                |            |               | <<<<Top Plate Dimensions>>>> |               |             | Contact<br>Rolls | <<<<<<Footprint>>>>>>>    |            | Weight<br>lb (kg) |
|---------------|--------------------|----------------------------------------------------------|------------|---------------|------------------------------|---------------|-------------|------------------|---------------------------|------------|-------------------|
|               |                    | Length                                                   | Height     | Width         | Thickness                    | Width         | Length      |                  | Roll Diameter             | Roll Width |                   |
|               |                    | <<<<<< Inches (mm) >>>>>>                                |            |               | <<<<<< Inches (mm) >>>>>>    |               |             |                  | <<<<<< Inches (mm) >>>>>> |            |                   |
| 100-XNT       | 100                | 21.0 (533)                                               | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 7.875 (200)   | 27.0 (686)  | 7                | 1-15/16 (49)              | 3-5/8 (92) | 228 (103)         |
| 150-XNTL      | 150                | 32.0 (813)                                               | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 7.875 (200)   | 38.0 (965)  | 11               | 1-15/16 (49)              | 3-5/8 (92) | 341 (155)         |
| 150-XNTW      | 150                | 21.0 (533)                                               | 6.75 (171) | 9.875 (251)   | 1.00 (25)                    | 9.875 (251)   | 27.0 (686)  | 14               | 1-15/16 (49)              | 2-3/4 (70) | 280 (127)         |
| 200-XNTL      | 200                | 36.0 (914)                                               | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 7.875 (200)   | 42.0 (1067) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 396 (180)         |
| 200-XNTW      | 200                | 21.0 (533)                                               | 6.75 (171) | 11.5625 (294) | 1.00 (25)                    | 11.5625 (294) | 27.0 (686)  | 14               | 1-15/16 (49)              | 3-5/8 (92) | 333 (151)         |
| 200-XNTWC     | 200                | 21.0 (533)                                               | 6.75 (171) | 14.5 (368)    | 1.00 (25)                    | 14.5 (368)    | 27.0 (686)  | 14               | 1-15/16 (49)              | 3-5/8 (92) | 408 (185)         |
| 300-XNT       | 300                | 34.0 (864)                                               | 10.0 (254) | 10.75 (273)   | 1.50 (38)                    | 10.75 (273)   | 42.0 (1067) | 8                | 2-15/16 (74)              | 5 (127)    | 739 (335)         |
| 500-XNT       | 500                | 34.0 (864)                                               | 10.0 (254) | 20.0 (508)    | 1.50 (38)                    | 20.0 (508)    | 42.0 (1067) | 16               | 2-15/16 (74)              | 5 (127)    | 1355 (615)        |
| 750-XNT       | 750                | 34.0 (864)                                               | 10.0 (254) | 27.5 (699)    | 1.50 (38)                    | 27.5 (899)    | 42.0 (1067) | 24               | 2-15/16 (74)              | 5 (127)    | 2009 (911)        |
| 1000-XNT      | 1000               | ***** CONSULT FACTORY FOR SPECIFICATIONS AND WEIGHT***** |            |               |                              |               |             |                  |                           |            |                   |

| Hilman Part # | Capacity<br>(tons) | <<<<<Body Dimensions>>>>>                                |            |               | <<<<Top Plate Dimensions>>>> |               |            | Contact<br>Rolls | <<<<<<Footprint>>>>>>>    |            | Weight<br>lb (kg) |
|---------------|--------------------|----------------------------------------------------------|------------|---------------|------------------------------|---------------|------------|------------------|---------------------------|------------|-------------------|
|               |                    | Length                                                   | Height     | Width         | Thickness                    | Width         | Length     |                  | Roll Diameter             | Roll Width |                   |
|               |                    | <<<<<< Inches (mm) >>>>>>                                |            |               | <<<<<< Inches (mm) >>>>>>    |               |            |                  | <<<<<< Inches (mm) >>>>>> |            |                   |
| 100-XT        | 100                | 21.0 (533)                                               | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 7.875 (200)   | 21.0 (533) | 7                | 1-15/16 (49)              | 3-5/8 (92) | 217 (98)          |
| 150-XTL       | 150                | 32.0 (813)                                               | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 7.875 (200)   | 32.0 (813) | 11               | 1-15/16 (49)              | 3-5/8 (92) | 329 (149)         |
| 150-XTW       | 150                | 21.0 (533)                                               | 6.75 (171) | 9.875 (251)   | 1.00 (25)                    | 9.875 (251)   | 21.0 (533) | 14               | 1-15/16 (49)              | 2-3/4 (70) | 265 (120)         |
| 200-XTL       | 200                | 36.0 (914)                                               | 6.75 (171) | 7.875 (200)   | 1.00 (25)                    | 7.875 (200)   | 36.0 (914) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 384 (174)         |
| 200-XTW       | 200                | 21.0 (533)                                               | 6.75 (171) | 11.5625 (294) | 1.00 (25)                    | 11.5625 (294) | 21.0 (533) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 313 (142)         |
| 200-XTWC      | 200                | 21.0 (533)                                               | 6.75 (171) | 14.5 (368)    | 1.00 (25)                    | 14.5 (368)    | 21.0 (533) | 14               | 1-15/16 (49)              | 3-5/8 (92) | 387 (175)         |
| 300-XT        | 300                | 34.0 (864)                                               | 10.0 (254) | 10.75 (273)   | 1.50 (38)                    | 10.75 (273)   | 34.0 (864) | 8                | 2-15/16 (74)              | 5 (127)    | 706 (320)         |
| 500-XT        | 500                | 34.0 (864)                                               | 10.0 (254) | 20.0 (508)    | 1.50 (38)                    | 20.0 (508)    | 34.0 (864) | 16               | 2-15/16 (74)              | 5 (127)    | 1290 (585)        |
| 750-XT        | 750                | 34.0 (864)                                               | 10.0 (254) | 27.5 (699)    | 1.50 (38)                    | 27.5 (899)    | 34.0 (864) | 24               | 2-15/16 (74)              | 5 (127)    | 1892 (858)        |
| 1000-XT       | 1000               | ***** CONSULT FACTORY FOR SPECIFICATIONS AND WEIGHT***** |            |               |                              |               |            |                  |                           |            |                   |

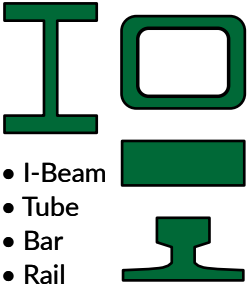
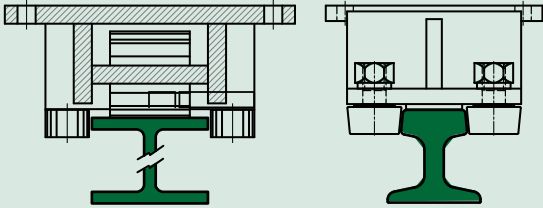
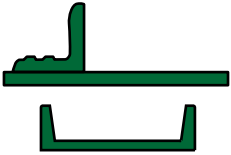
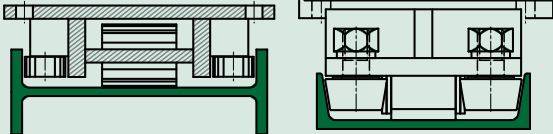
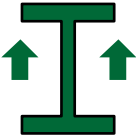
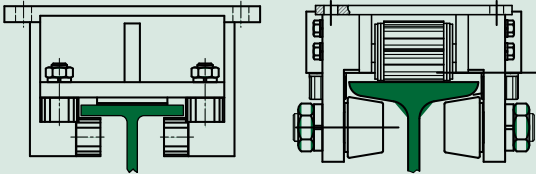
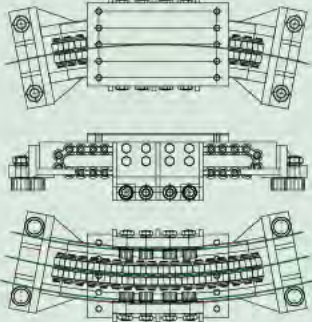


# ACCU-ROLL

Hilman's Accu-Roll Guidance System is a positive external alignment system. Most often used on OT/NT/T and SHD Series Hilman Rollers, Accu-Roll can be added to any Hilman Roller and custom designed to interface with almost any type of track. Common tracks are I-beams, wide-flanged beams, channels, rails, steel flat bars, tubes, and trenches. Accu-Roll Systems are an ideal solution where load alignment is critical, a close tolerance must be maintained, where load movement is repetitive, or where dynamic uplift prevention is desired.

Because there are virtually thousands of possibilities with regards to tracks, each Accu-Roll System is custom designed and built to fit the chosen track. Once the track size has been selected and the preferred width and depth locations for the Accu-Roll guides are known, drawings are prepared for customer approval.

Accu-Roll Systems may have one to four or more guide rolls per roller to guide on the track or to ensure that the rollers follow the intended path of travel. Typical roller lateral guides are designed to withstand a maximum of 15-20% of the vertical capacity as lateral roller on most roller sizes; higher and lower capacities can also be designed.

| Track Type                                                                                                                                                                                                | Accu-Roll Type                                                                                                                | Application Guidelines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <ul style="list-style-type: none"> <li>• I-Beam</li> <li>• Tube</li> <li>• Bar</li> <li>• Rail</li> </ul>               | <p>Type R</p>  <p>STRAIGHT      ANGLE</p>    | <ul style="list-style-type: none"> <li>• Most common system for guidance on OUTSIDE of track</li> <li>• Can consist of one to four Accu-Rolls, mounted to Roller</li> <li>• Ideal for any system, permanent or temporary</li> <li>• Flat bar mounted to factory floor provides low height, accessible rolling system with minimal floor surface obstacles</li> </ul>  <p>Type R - Type U</p>                                                                                                                  |
|  <ul style="list-style-type: none"> <li>• Fabricated Track</li> <li>• Channel</li> </ul>                               | <p>Type C</p>  <p>STRAIGHT      ANGLE</p>  | <ul style="list-style-type: none"> <li>• Common System for Guidance INSIDE a track or a track embedded in concrete floors</li> <li>• Can consist of one to four Accu-Rolls; two can be installed on one end or on one side, or in center of Roller frame side</li> <li>• Track can be standard channel, inside flanges of H-Beam, fabricated track from back-to-back angles, etc.</li> </ul>  <p>Type C</p>                                                                                                 |
|  <ul style="list-style-type: none"> <li>• Uplift</li> </ul>                                                            | <p>Type RU</p>  <p>STRAIGHT      ANGLE</p> | <ul style="list-style-type: none"> <li>• Often added to Type R System</li> <li>• Can consist of one or more Accu-Rolls per side</li> <li>• Prevents UPLIFT in dynamic condition</li> <li>• Resistance against wind and buoyancy</li> <li>• Protection against overturning moment</li> <li>• Aids in moving top-heavy or eccentrically loaded equipment</li> </ul>  <p>Type U</p>                                                                                                                            |
|  <ul style="list-style-type: none"> <li>• I-Beam</li> <li>• Rail</li> <li>• Bar</li> <li>• Any Radius Track</li> </ul> | <p>Type TR</p>  <p>STRAIGHT      ANGLE</p> | <ul style="list-style-type: none"> <li>• Accu-Roll System for FIXED RADIUS TRACK Applications: turntables, revolving or rotation machinery, or equipment moving in fixed radius</li> <li>• Usually consists of three Accu-Rolls, two mounted on one side, with one in the center of opposite side</li> <li>• Roller chains are also modified to fit the required radius</li> <li>• Rollers of the 37.5 OT size and larger can track on diameters as tight as 8 feet (2.5 meters)</li> </ul>  <p>Type TR</p> |



## TOP MODIFICATIONS

Modifications to the top plates of Hilman Rollers can range greatly. Some relatively simple top modifications might be special drilled and tapped hole patterns, connecting studs, or tops machined to close tolerances. Top clamps, hinged adaptations or container fittings can be added to the rollers, as well as other types of attachments, for the purpose of mounting to a specific type of footing or pad.



## CHAIN MODIFICATIONS

There are several different modifications that Hilman can do to the chains. Tapered roller chains allow Hilman Rollers to follow a fixed radius, while Keyway chains have an internal guidance feature to maximize chain life. In highly repetitive applications or where rollers encounter bursts of speed, the Keyway feature keeps the chain centered in the roller frame. Concave and Convex chain and frame solutions are also possible. Hilman can even design specially contoured chain where the rolls are machined to match the contour of crowned rails, ensuring sufficient contact area.



## FRAME MODIFICATIONS

Roller frames and tops can be modified in any number of ways to suit specific requirements. Special materials can be used for corrosive resistant or non sparking applications. Mounting surfaces can have custom hole patterns or machined finishes.



## TRACK WIPER OR DIRT SHIELDS

Many wiper and shield styles can be added to Rollers to remove debris from the roller path, eliminating unnecessary wear and maintenance.





## SPECIAL MATERIAL & COATINGS

Many different alloys and coatings are available so that Hilman rollers meet the requirements of different applications. Alloys to resist varying levels of corrosion, high heat, and non-sparking conditions are just some of what is available for the chain assembly. Special coatings, paint finishes, galvanizing processes, or platings can be applied to help in a variety of environments. Hilman typically uses the highest grade alloys and stainless steels available to ensure that the rollers operate continuously in the manner intended.



## OTHER MODIFICATIONS

Hilman's extensive experience in custom modifications of rollers and rolling systems design covers a broad spectrum of applications. Below are some of our more elaborate modifications.



# TRACKMATE



# TRACK-MATE

Hilman TrackMate dollies are an excellent method for increasing productivity in assembly and manufacturing applications, where heavy loads are moved from station to station for various stages of build-up.

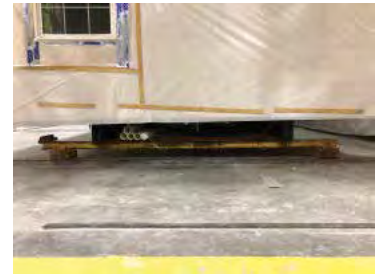
## TRACKMATE



Dual flanged, self-guiding Dolly that is ideal for frequent load moving in many assembly and production line operations and suited for applications requiring repetitive straight-line load moves.

## LOW-PROFILE SELF-GUIDED

While the rolls carry the full load during movement, the dual flanges guide along the outer edges of a flat bar steel track to ensure proper alignment. Their low profile keeps the workplace safe and their low friction means a smoother move with less downtime.



## ENDLESS MODIFICATIONS

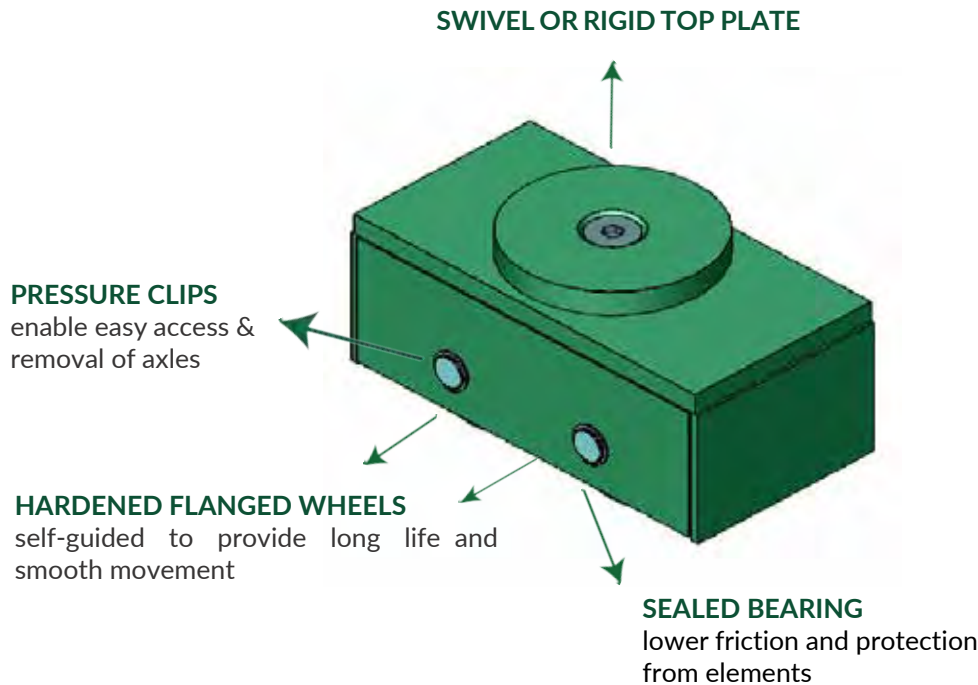
Dollies can be easily modified in any number of ways, including custom tops for mounting/fastening to the load, brush-wiper systems to clear debris from the track, and custom shaped steel frames to suit your application requirements. Hilman can also design and supply the steel flat bar tracks and track-turntables in case you need to make a turn for a complete system. Turntables can be integrated directly into an assembly line track system, are utilized to accommodate 90-degree turns in the path of production and potentially divert a module to an additional set of workstations. Manual and automated turntables are both available design options.





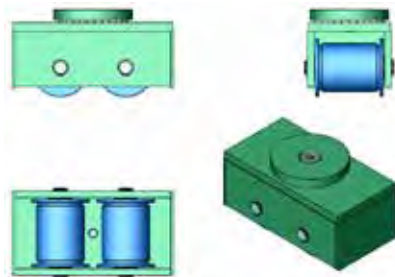
# TRACKMATE ADVANTAGES

With capacities up to 20-tons, standard TrackMate Dollies are offered in rectangular shape, with two types of tops: Swivel or Rigid.

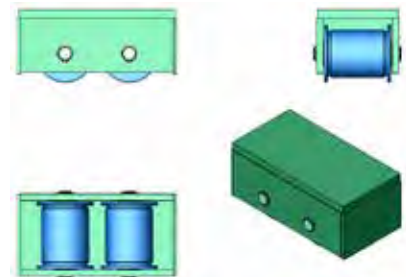


## SPECIFICATIONS

### TMS



### TMR



| Swivel Style Product | Capacity | Height |      | Width |      | Length |      | Weight |      |
|----------------------|----------|--------|------|-------|------|--------|------|--------|------|
|                      |          | (in)   | (mm) | (in)  | (mm) | (in)   | (mm) | (lb)   | (kg) |
| 2.5-TMS              | 2.5 tons | 4.53   | 115  | 6.13  | 156  | 9.31   | 237  | 29     | 13   |
| 5-TMS                | 5 tons   | 6.32   | 161  | 6.13  | 156  | 11.81  | 300  | 63     | 29   |
| 10-TMS               | 10 tons  | 6.82   | 174  | 6.13  | 156  | 13.31  | 338  | 76     | 34   |
| 20-TMS               | 20 tons  | 7.69   | 196  | 6.63  | 168  | 15.56  | 395  | 119    | 54   |

| Rigid Style Product | Capacity | Height |      | Width |      | Length |      | Weight |      |
|---------------------|----------|--------|------|-------|------|--------|------|--------|------|
|                     |          | (in)   | (mm) | (in)  | (mm) | (in)   | (mm) | (lb)   | (kg) |
| 2.5-TMR             | 2.5 tons | 3.60   | 92   | 6.13  | 156  | 9.31   | 237  | 28     | 13   |
| 5-TMR               | 5 tons   | 5.38   | 137  | 6.13  | 156  | 11.81  | 300  | 57     | 26   |
| 10-TMR              | 10 tons  | 5.88   | 150  | 6.13  | 156  | 13.31  | 338  | 70     | 32   |
| 20-TMR              | 20 tons  | 6.75   | 172  | 6.63  | 168  | 15.56  | 395  | 113    | 51   |

# BULL DOLLY



# BULL DOLLY

The Hilman Bull Dolly Series is a low profile, cost effective solution for moving heavy equipment such as large safes, chillers, condensers, other machinery, and non-marking for delicate floors.

## 1-6 TONS



**Low Profile, Cost Effective** – offers different wheel options to protect floors and a variety of top styles for straight moving or turning.

## 9-18 TONS



**Higher Capacity, Large Footprint** – allows user to spread the load over greater area, up to 18 tons!

## 4-72 TON KITS



**Prepackaged Kits** – come equipped with everything needed to move heavy equipment with ease!

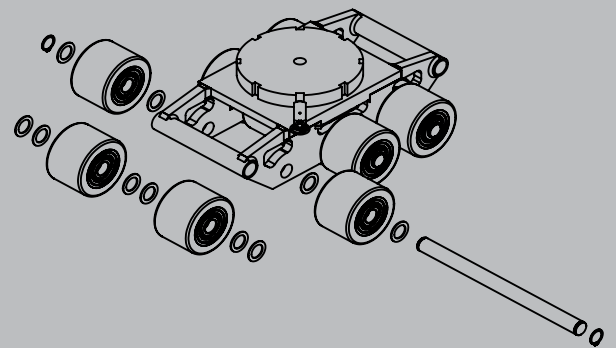


## FLOOR PROTECTION

Polyurethane and Nylon wheel options are non-marking and can be used on a variety of floor surfaces.

## MAINTENANCE FRIENDLY

Our dollies have very few moving parts minimizing maintenance requirements.



## EASY TO MANEUVER

Bull Dollies are ideal for positioning and moving heavy loads either in a straight line or where turns are needed.





# ADVANTAGES

All tops are swivel locking and can be used in the swivel or rigid mode.



## SMOOTH STEEL TOPS (S)

ideal for weld-mounting the rollers to equipment or as a base unit for a variety of top modifications.



## PADDED STEEL TOPS (P)

allow some compression and provide a non-slip surface for moving on less than perfect floors.



## DIAMOND STEEL TOP (D)

spike-like steel grid able to grip into wood and provide a secure move for crated or palletized equipment.

## VERSATILE TOP PLATES



LOW PROFILE

## LOCK

enables the units to be used as swivel or rigid top dollies

## MAINTENANCE FRIENDLY

wheel & axle design has very few moving parts for easy maintenance



## LARGE FOOTPRINT

to spread the load over greater area

## WHEEL OPTIONS

### NYLON WHEELS

for good floor protection and favorable wear. They will not "set" if left under load (static) for a period of time



### POLY WHEELS

are a softer wheel that provide excellent floor protection on tile floors



### STEEL WHEELS

provide the best wear characteristics and are great for durable floors



## STEERING HANDLES



**HANDLE & ALIGNMENT BAR** for high capacity bull dollies, 1in alignment bar.



# KITS

Low Profile, Cost Effective – easy to maneuver heavy equipment such as transformers, chillers, condensers and machinery.

## KBSP-24P

## KBSS-12S

## KBSD-4N



| Hilman Part # | Kit Capacity | Dolly Capacity | Top Style Description | Wheel Material | Kits Include                                       | Weight |      |
|---------------|--------------|----------------|-----------------------|----------------|----------------------------------------------------|--------|------|
|               |              |                |                       |                |                                                    | (lb)   | (kg) |
| KBSP-4N       | 4 ton        | 1 ton          | Swivel Padde          | Nylon          | (4) BSP-1N Dollies, (2) Handles                    | 85     | 39   |
| KBSP-4P       | 4 ton        | 1 ton          | Swivel Padde          | Polyurethane   | (4) BSP-1P Dollies, (2) Handles                    | 85     | 39   |
| KBSP-4S       | 4 ton        | 1 ton          | Swivel Padde          | Steel          | (4) BSP-1S Dollies, (2) Handles                    | 85     | 39   |
| KBSD-4N       | 4 ton        | 1 ton          | Swivel Diamoi         | Nylon          | (4) BSD-1N Dollies, (2) Handles, (4) Pre-load pads | 83     | 38   |
| KBSD-4P       | 4 ton        | 1 ton          | Swivel Diamoi         | Polyurethane   | (4) BSD-1P Dollies, (2) Handles, (4) Pre-load pads | 83     | 38   |
| KBSD-4S       | 4 ton        | 1 ton          | Swivel Diamoi         | Steel          | (4) BSD-1S Dollies, (2) Handles, (4) Pre-load pads | 83     | 38   |
| KBSP-12N      | 12 ton       | 3 ton          | Swivel Padde          | Nylon          | (4) BSP-3N Dollies, (2) Handles                    | 100    | 45   |
| KBSP-12P      | 12 ton       | 3 ton          | Swivel Padde          | Polyurethane   | (4) BSP-3P Dollies, (2) Handles                    | 100    | 45   |
| KBSP-12S      | 12 ton       | 3 ton          | Swivel Padde          | Steel          | (4) BSP-3S Dollies, (2) Handles                    | 100    | 45   |
| KBSD-12N      | 12 ton       | 3 ton          | Swivel Diamoi         | Nylon          | (4) BSD-3N Dollies, (2) Handles, (4) Pre-load pads | 102    | 46   |
| KBSD-12P      | 12 ton       | 3 ton          | Swivel Diamoi         | Polyurethane   | (4) BSD-3P Dollies, (2) Handles, (4) Pre-load pads | 102    | 46   |
| KBSD-12S      | 12 ton       | 3 ton          | Swivel Diamoi         | Steel          | (4) BSD-3S Dollies, (2) Handles, (4) Pre-load pads | 102    | 46   |
| KBSS-12N      | 12 ton       | 3 ton          | Swivel Smoot          | Nylon          | (4) BSS-3N Dollies, (2) Handles                    | 102    | 46   |
| KBSS-12P      | 12 ton       | 3 ton          | Swivel Smoot          | Polyurethane   | (4) BSS-3P Dollies, (2) Handles                    | 102    | 46   |
| KBSS-12S      | 12 ton       | 3 ton          | Swivel Smoot          | Steel          | (4) BSS-3S Dollies, (2) Handles                    | 102    | 46   |
| KBSP-24N      | 24 ton       | 6 ton          | Swivel Padde          | Nylon          | (4) BSP-6N Dollies, (2) Handles                    | 216    | 98   |
| KBSP-24P      | 24 ton       | 6 ton          | Swivel Padde          | Polyurethane   | (4) BSP-6P Dollies, (2) Handles                    | 216    | 98   |
| KBSP-24S      | 24 ton       | 6 ton          | Swivel Padde          | Steel          | (4) BSP-6S Dollies, (2) Handles                    | 216    | 98   |
| KBSD-24N      | 24 ton       | 6 ton          | Swivel Diamoi         | Nylon          | (4) BSD-6N Dollies, (2) Handles, (4) Pre-load pads | 216    | 98   |
| KBSD-24P      | 24 ton       | 6 ton          | Swivel Diamoi         | Polyurethane   | (4) BSD-6P Dollies, (2) Handles, (4) Pre-load pads | 216    | 98   |
| KBSD-24S      | 24 ton       | 6 ton          | Swivel Diamoi         | Steel          | (4) BSD-6S Dollies, (2) Handles, (4) Pre-load pads | 216    | 98   |
| KBSS-24N      | 24 ton       | 6 ton          | Swivel Smoot          | Nylon          | (4) BSS-6N Dollies, (2) Handles                    | 213    | 97   |
| KBSS-24P      | 24 ton       | 6 ton          | Swivel Smoot          | Polyurethane   | (4) BSS-6P Dollies, (2) Handles                    | 213    | 97   |
| KBSS-24S      | 24 ton       | 6 ton          | Swivel Smoot          | Steel          | (4) BSS-6S Dollies, (2) Handles                    | 213    | 97   |

All Kits 4 to 12 tons include - Steel Case Kit Box BDS1-KB: 18 13/16" (478mm) x 14.25" (362mm) x 5.94" (151mm)

All Kits 24 tons include - Steel Case Kit Box BDS1-KB2: 25 3/16" (640mm) x 10.30" (262mm) x 14" (356mm)



# INDIVIDUAL

Bull Dollies are ideal for positioning and moving heavy loads either in a straight line or where turns are needed. Offers different wheel options to protect floors and a variety of top styles for straight moving or turning.

## SWIVEL DIAMOND



## SWIVEL PADDED



## SWIVEL SMOOTH



| Hilman Part # | Roller Capacity | Top Style Description | Wheel Material | Height |      | Width |      | Length |      | Weight |      |
|---------------|-----------------|-----------------------|----------------|--------|------|-------|------|--------|------|--------|------|
|               |                 |                       |                | (in)   | (mm) | (in)  | (mm) | (in)   | (mm) | (lb)   | (kg) |
| BSD-1N        | 1 ton           | Swivel Diamond        | Nylon          | 4.43   | 113  | 4.43  | 113  | 6.5    | 165  | 11     | 5    |
| BSD-1P        | 1 ton           | Swivel Diamond        | Polyurethane   | 4.43   | 113  | 4.43  | 113  | 6.5    | 165  | 11     | 5    |
| BSD-1S        | 1 ton           | Swivel Diamond        | Steel          | 4.43   | 113  | 4.43  | 113  | 6.5    | 165  | 11     | 5    |
| BSD-3N        | 3 ton           | Swivel Diamond        | Nylon          | 4.79   | 122  | 5.23  | 133  | 8      | 203  | 16     | 7    |
| BSD-3P        | 3 ton           | Swivel Diamond        | Polyurethane   | 4.79   | 122  | 5.23  | 133  | 8      | 203  | 16     | 7    |
| BSD-3S        | 3 ton           | Swivel Diamond        | Steel          | 4.79   | 122  | 5.23  | 133  | 8      | 203  | 16     | 7    |
| BSD-6N        | 6 ton           | Swivel Diamond        | Nylon          | 5.1    | 129  | 10    | 254  | 11     | 279  | 39     | 18   |
| BSD-6P        | 6 ton           | Swivel Diamond        | Polyurethane   | 5.1    | 129  | 10    | 254  | 11     | 279  | 39     | 18   |
| BSD-6S        | 6 ton           | Swivel Diamond        | Steel          | 5.1    | 129  | 10    | 254  | 11     | 279  | 39     | 18   |
| BSP-1N        | 1 ton           | Swivel Padded         | Nylon          | 4.99   | 127  | 4.43  | 113  | 6.5    | 165  | 12     | 5    |
| BSP-1P        | 1 ton           | Swivel Padded         | Polyurethane   | 4.99   | 127  | 4.43  | 113  | 6.5    | 165  | 12     | 5    |
| BSP-1S        | 1 ton           | Swivel Padded         | Steel          | 4.99   | 127  | 4.43  | 113  | 6.5    | 165  | 12     | 5    |
| BSP-3N        | 3 ton           | Swivel Padded         | Nylon          | 5.35   | 136  | 5.23  | 133  | 8      | 203  | 15     | 7    |
| BSP-3P        | 3 ton           | Swivel Padded         | Polyurethane   | 5.35   | 136  | 5.23  | 133  | 8      | 203  | 15     | 7    |
| BSP-3S        | 3 ton           | Swivel Padded         | Steel          | 5.35   | 136  | 5.23  | 133  | 8      | 203  | 15     | 7    |
| BSP-6N        | 6 ton           | Swivel Padded         | Nylon          | 6.6    | 142  | 10    | 254  | 11     | 279  | 39     | 18   |
| BSP-6P        | 6 ton           | Swivel Padded         | Polyurethane   | 6.6    | 142  | 10    | 254  | 11     | 279  | 39     | 18   |
| BSP-6S        | 6 ton           | Swivel Padded         | Steel          | 6.6    | 142  | 10    | 254  | 11     | 279  | 39     | 18   |
| BSS-3N        | 3 ton           | Swivel Smooth         | Nylon          | 4.79   | 122  | 5.23  | 133  | 8      | 203  | 16     | 7    |
| BSS-3P        | 3 ton           | Swivel Smooth         | Polyurethane   | 4.79   | 122  | 5.23  | 133  | 8      | 203  | 16     | 7    |
| BSS-3S        | 3 ton           | Swivel Smooth         | Steel          | 4.79   | 122  | 5.23  | 133  | 8      | 203  | 16     | 7    |
| BSS-6N        | 6 ton           | Swivel Smooth         | Nylon          | 4.85   | 123  | 10    | 254  | 11     | 279  | 38     | 17   |
| BSS-6P        | 6 ton           | Swivel Smooth         | Polyurethane   | 4.85   | 123  | 10    | 254  | 11     | 279  | 38     | 17   |
| BSS-6S        | 6 ton           | Swivel Smooth         | Steel          | 4.85   | 123  | 10    | 254  | 11     | 279  | 38     | 17   |

*All tops are swivel locking.*





# HIGH CAPACITY

The 9, 12 and 18 ton models have a larger footprint to spread the weight of the load over greater area. Our larger dollies also feature a multi-functional carrying handle that can not only be used to position the unit, but can also fit an optional standard 1 inch alignment bar to stabilize heavy loads.

## INDIVIDUAL



| Hilman Part # | Roller Capacity | Top Style Description | Wheel Material | Height |      | Width    |      | Length |      |
|---------------|-----------------|-----------------------|----------------|--------|------|----------|------|--------|------|
|               |                 |                       |                | (in)   | (mm) | (in)     | (mm) | (in)   | (mm) |
| BSS-9P        | 9 ton           | Swivel Smooth         | Polyurethane   | 6.86   | 174  | 8.125    | 206  | 18.32  | 465  |
| BSP-9P        | 9 ton           | Swivel Padded         | Polyurethane   | 7.86   | 199  | 8.125    | 206  | 18.32  | 465  |
| BSD-9P        | 9 ton           | Swivel Diamond        | Polyurethane   | 6.98   | 177  | 8.125    | 206  | 18.32  | 465  |
| BSS-12P       | 12 ton          | Swivel Smooth         | Polyurethane   | 6.86   | 174  | 14.18750 | 360  | 18.32  | 465  |
| BSP-12P       | 12 ton          | Swivel Padded         | Polyurethane   | 7.86   | 199  | 14.18750 | 360  | 18.32  | 465  |
| BSD-12P       | 12 ton          | Swivel Diamond        | Polyurethane   | 6.98   | 177  | 14.18750 | 360  | 18.32  | 465  |
| BSS-18P       | 18 ton          | Swivel Smooth         | Polyurethane   | 6.86   | 174  | 14.18750 | 360  | 18.32  | 465  |
| BSP-18P       | 18 ton          | Swivel Padded         | Polyurethane   | 7.86   | 199  | 14.18750 | 360  | 18.32  | 465  |
| BSD-18P       | 18 ton          | Swivel Diamond        | Polyurethane   | 6.98   | 177  | 14.18750 | 360  | 18.32  | 465  |
| BSS-9N        | 9 ton           | Swivel Smooth         | Nylon          | 6.86   | 174  | 8.125    | 206  | 18.32  | 465  |
| BSP-9N        | 9 ton           | Swivel Padded         | Nylon          | 7.86   | 199  | 8.125    | 206  | 18.32  | 465  |
| BSD-9N        | 9 ton           | Swivel Diamond        | Nylon          | 6.98   | 177  | 8.125    | 206  | 18.32  | 465  |
| BSS-12N       | 12 ton          | Swivel Smooth         | Nylon          | 6.86   | 174  | 14.18750 | 360  | 18.32  | 465  |
| BSP-12N       | 12 ton          | Swivel Padded         | Nylon          | 7.86   | 199  | 14.18750 | 360  | 18.32  | 465  |
| BSD-12N       | 12 ton          | Swivel Diamond        | Nylon          | 6.98   | 177  | 14.18750 | 360  | 18.32  | 465  |
| BSS-18N       | 18 ton          | Swivel Smooth         | Nylon          | 6.86   | 174  | 14.18750 | 360  | 18.32  | 465  |
| BSP-18N       | 18 ton          | Swivel Padded         | Nylon          | 7.86   | 199  | 14.18750 | 360  | 18.32  | 465  |
| BSD-18N       | 18 ton          | Swivel Diamond        | Nylon          | 6.98   | 177  | 14.18750 | 360  | 18.32  | 465  |



## SETS

| Hilman Part # | Set Capacity | Dolly Capacity | Top Style Description | Wheel Material | Set Includes                     | Weight |      |
|---------------|--------------|----------------|-----------------------|----------------|----------------------------------|--------|------|
|               |              |                |                       |                |                                  | (lb)   | (kg) |
| RS-BSP-36P    | 36 ton       | 9 ton          | Swivel Padded         | Polyurethane   | (4) BSP-9P Dollies, (2) Handles  | 409    | 181  |
| RS-BSP-48P    | 48 ton       | 12 ton         | Swivel Padded         | Polyurethane   | (4) BSP-12P Dollies, (2) Handles | 443    | 200  |
| RS-BSP-72P    | 72 ton       | 18 ton         | Swivel Padded         | Polyurethane   | (4) BSP-18P Dollies, (2) Handles | 517    | 234  |
| RS-BSD-36P    | 36 ton       | 9 ton          | Swivel Diamond        | Polyurethane   | (4) BSD-9P Dollies, (2) Handles  | 401    | 181  |
| RS-BSD-48P    | 48 ton       | 12 ton         | Swivel Diamond        | Polyurethane   | (4) BSD-12P Dollies, (2) Handles | 435    | 197  |
| RS-BSD-72P    | 72 ton       | 18 ton         | Swivel Diamond        | Polyurethane   | (4) BSD-18P Dollies, (2) Handles | 509    | 230  |
| RS-BSP-36N    | 36 ton       | 9 ton          | Swivel Padded         | Nylon          | (4) BSP-9N Dollies, (2) Handles  | 372    | 168  |
| RS-BSP-48N    | 48 ton       | 12 ton         | Swivel Padded         | Nylon          | (4) BSP-12N Dollies, (2) Handles | 395    | 179  |
| RS-BSP-72N    | 72 ton       | 18 ton         | Swivel Padded         | Nylon          | (4) BSP-18N Dollies, (2) Handles | 445    | 201  |
| RS-BSD-36N    | 36 ton       | 9 ton          | Swivel Diamond        | Nylon          | (4) BSD-9N Dollies, (2) Handles  | 364    | 165  |
| RS-BSD-48N    | 48 ton       | 12 ton         | Swivel Diamond        | Nylon          | (4) BSD-12N Dollies, (2) Handles | 386    | 175  |
| RS-BSD-72N    | 72 ton       | 18 ton         | Swivel Diamond        | Nylon          | (4) BSD-18N Dollies, (2) Handles | 436    | 197  |

All sets include: (4) dollies and (2) handles



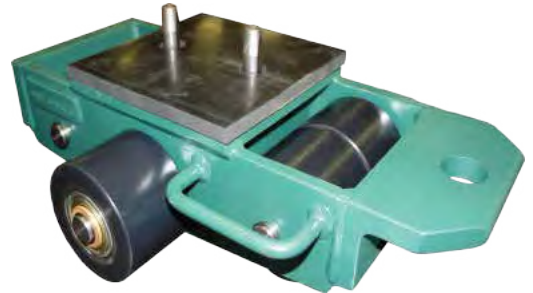
# MODIFIED

Bull Dollies can be modified in a number of ways to meet specific project needs. From frame size to wheel elevation, Hilman can make a complete solution for you.

**WIPERS & BRUSHES**



**FRAMES & HOLE PATTERNS**



**ACCU-ROLL GUIDANCE**



**HYDRAULIC CYLINDERS**



**SPECIAL TOPS**



**ROCKER TOPS**



**HILMAN HAS A SOLUTION FOR YOU!**

# TRI-GLIDE





## 3-POINT MOVING SYSTEM

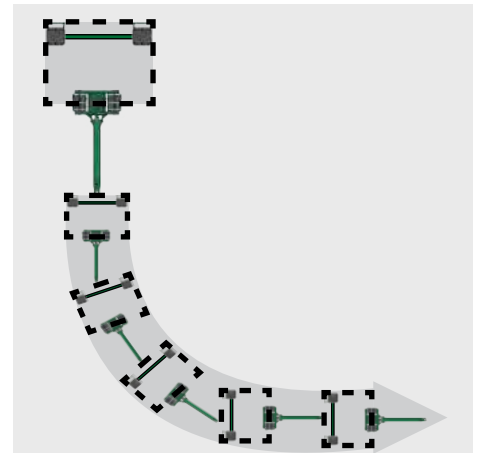
Offers a stable configuration, ensuring that all skates are taking load the during the move.



Using Center of Gravity, the front unit is placed under the load.



Placing the dollies where support is needed ensures the rear dollies will be kept parallel in order to track properly when moving.

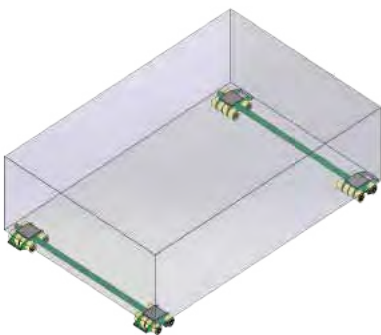


As the load is steered with the front unit, the rear dollies will follow, providing the user with a wide range of mobility.

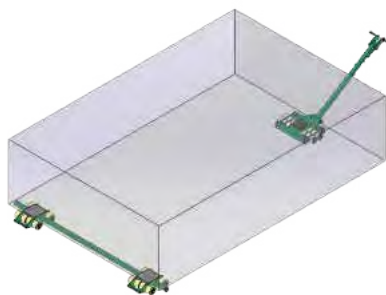
## CONFIGURATIONS

The Hilman Tri-Glide System offers articulation in both the front and rear units and can be combined and configured to further stabilize bulky loads.

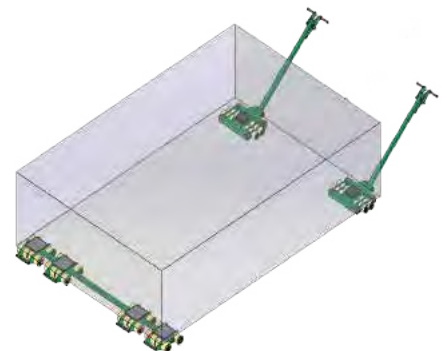
4-Point Moving Solution  
Two Rear Units with Spreader Bars



3-Point Moving Solution  
One Front Unit  
One Rear Unit with Spreader Bar



4-Point Moving Solution  
Two Front Units  
One Rear Unit with Spreader Bar

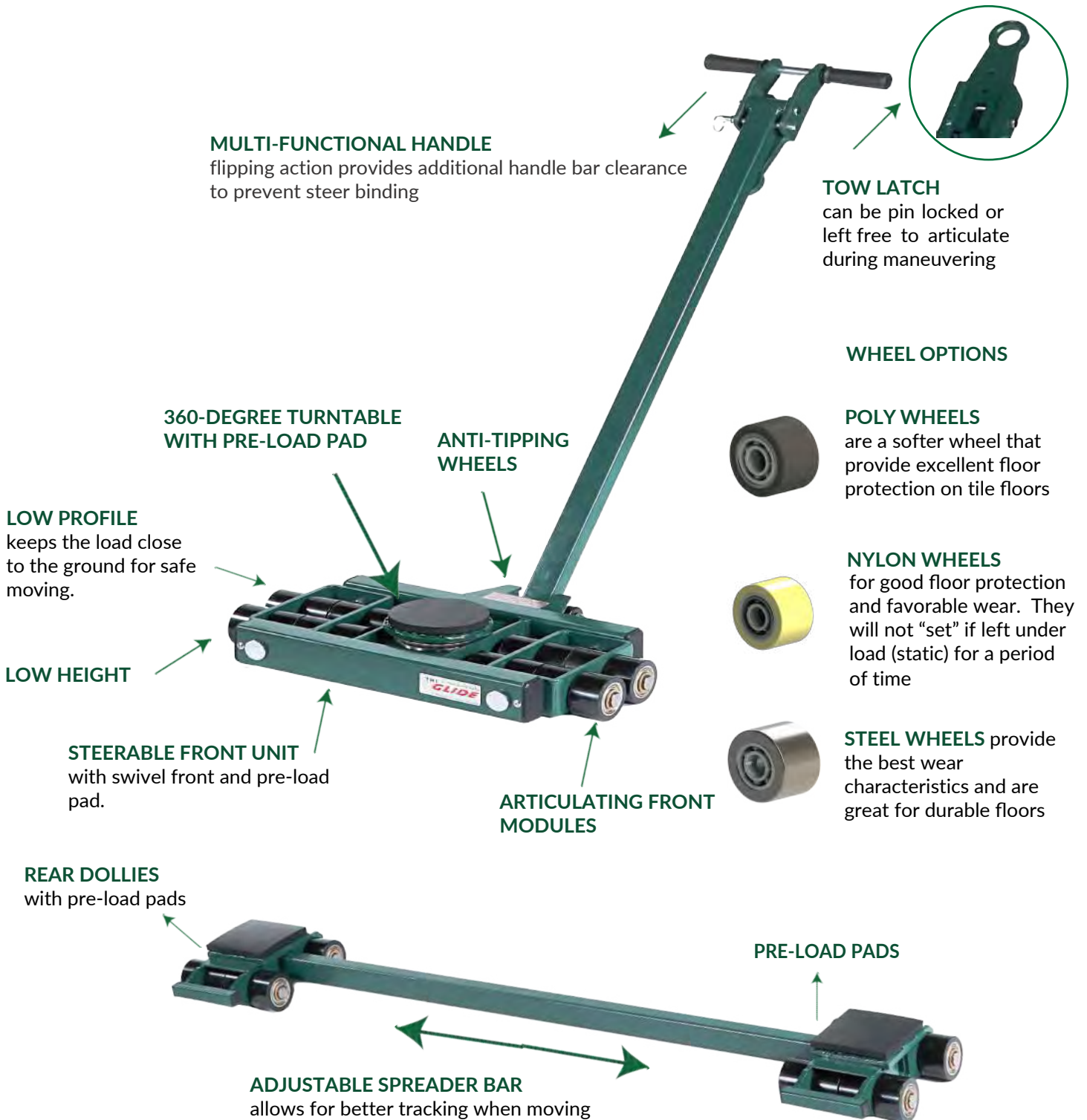


*Images are for representation purposes only. Actual product configuration and support points will differ based on the load.*



# ADVANTAGES

The Hilman Tri-Glide provides a stable, efficient solution for moving heavy loads, and is designed with a large footprint to spread the weight of the load over a greater area. Our Polyurethane and Nylon wheels offer floor protection suited for a variety of floor surfaces.



# 10, 15 & 20 TON

Hilman Tri-Glide components can be purchased individually to accommodate user preference. All units come with pre-load pads for the front unit and rear dollies.

## KTG-10P



## KTG-15P



## KTG-20P



## KITS

| Hilman Part # | Capacity | Wheel Type   | Wheel Count | Height (w/pad) |      | Height (w/o pad) |      | Weight (lb) | Handle Length |      | Alignment Bar |      |
|---------------|----------|--------------|-------------|----------------|------|------------------|------|-------------|---------------|------|---------------|------|
|               |          |              |             | (in)           | (mm) | (in)             | (mm) |             | (in)          | (mm) | (in)          | (mm) |
| KTG-10N       | 10 ton   | Nylon        | 8/8         | 4.5            | 114  | 4                | 102  | 155         | 49.5          | 1257 | 60            | 1524 |
| KTG-10P       | 10 ton   | Polyurethane | 8/8         | 4.5            | 114  | 4                | 102  | 161         | 49.5          | 1257 | 60            | 1524 |
| KTG-10S       | 10 ton   | Steel        | 8/8         | 4.5            | 114  | 4                | 102  | 193         | 49.5          | 1257 | 60            | 1524 |
| KTG-15N       | 15 ton   | Nylon        | 12/12       | 4.5            | 114  | 4                | 102  | 168         | 49.5          | 1257 | 60            | 1524 |
| KTG-15P       | 15 ton   | Polyurethane | 12/12       | 4.5            | 114  | 4                | 102  | 181         | 49.5          | 1257 | 60            | 1524 |
| KTG-15S       | 15 ton   | Steel        | 12/12       | 4.5            | 114  | 4                | 102  | 236         | 49.5          | 1257 | 60            | 1524 |
| KTG-20N       | 20 ton   | Nylon        | 16/16       | 4.5            | 114  | 4                | 102  | 184         | 49.5          | 1257 | 60            | 1524 |
| KTG-20P       | 20 ton   | Polyurethane | 16/16       | 4.5            | 114  | 4                | 102  | 198         | 49.5          | 1257 | 60            | 1524 |
| KTG-20S       | 20 ton   | Steel        | 16/16       | 4.5            | 114  | 4                | 102  | 260         | 49.5          | 1257 | 60            | 1524 |

All kits include: (1) Front Unit with Handle and (2) Rear Dollies with a Spreader Bar

## INDIVIDUAL FRONT

| Hilman Part # | Capacity | Type  | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|-------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |       |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-F5N        | 5 ton    | Front | 17.875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Nylon       | 96          |
| TG-F5P        | 5 ton    | Front | 17.875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Poly        | 99          |
| TG-F5S        | 5 ton    | Front | 17.875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Steel       | 115         |
| TG-F7.5N      | 7.5 ton  | Front | 22.6875    | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Nylon       | 106         |
| TG-F7.5P      | 7.5 ton  | Front | 22.6875    | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Poly        | 113         |
| TG-F7.5S      | 7.5 ton  | Front | 22.6875    | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Steel       | 145         |
| TG-F10N       | 10 ton   | Front | 26.6875    | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Nylon       | 113         |
| TG-F10P       | 10 ton   | Front | 26.6875    | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Poly        | 120         |
| TG-F10S       | 10 ton   | Front | 26.6875    | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Steel       | 151         |

Includes: (1) Front Unit with a Multi-functional Handle for pulling or towing

## INDIVIDUAL REAR

| Hilman Part # | Capacity | Type | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |      |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-R5N        | 5 ton    | Rear | 6.25       | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Nylon       | 59          |
| TG-R5P        | 5 ton    | Rear | 6.25       | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Poly        | 62          |
| TG-R5S        | 5 ton    | Rear | 6.25       | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Steel       | 78          |
| TG-R7.5N      | 7.5 ton  | Rear | 7.6875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Nylon       | 62          |
| TG-R7.5P      | 7.5 ton  | Rear | 7.6875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Poly        | 68          |
| TG-R7.5S      | 7.5 ton  | Rear | 7.6875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Steel       | 91          |
| TG-R10N       | 10 ton   | Rear | 9.6875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Nylon       | 71          |
| TG-R10P       | 10 ton   | Rear | 9.6875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Poly        | 78          |
| TG-R10S       | 10 ton   | Rear | 9.6875     | 4.5            | 114  | 4                | 102  | ø3.13      | 79   | Steel       | 109         |

Includes: (2) Rear Dollies with a Spreader Bar



# 24-80 TONS

## KITG-24P



## KITG-40P



### KITS

| Hilman Part # | Capacity | Wheel Type   | Wheel Count | Height (w/pad) |      | Height (w/o pad) |      | Weight (lb.) | Handle Length |      | Alignment Bar |      |
|---------------|----------|--------------|-------------|----------------|------|------------------|------|--------------|---------------|------|---------------|------|
|               |          |              |             | (in)           | (mm) | (in)             | (mm) |              | (in)          | (mm) | (in)          | (mm) |
| KITG-24P      | 24 ton   | Polyurethane | 8/8         | 5.75           | 146  | 5.25             | 133  | 361          | 43.75         | 1162 | 72            | 1829 |
| KITG-40P      | 40 ton   | Polyurethane | 16/16       | 5.75           | 146  | 5.25             | 133  | 442          | 43.75         | 1162 | 72            | 1829 |

All kits include: (1) Front Unit with Handle and (2) Rear Dollies with a Spreader Bar

## INDIVIDUAL FRONT

| Hilman Part # | Capacity | Type  | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|-------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |       |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-F12P       | 12 ton   | Front | 26.875     | 5.75           | 146  | 5.25             | 133  | ø4.25      | 108  | Poly        | 253         |
| TG-F20P       | 20 ton   | Front | 39.1875    | 5.75           | 146  | 5.25             | 133  | ø4.25      | 108  | Poly        | 291         |

Includes: (1) Front Unit with a Tow Handle

## INDIVIDUAL REAR

| Hilman Part # | Capacity | Type | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |      |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-R12P       | 12 ton   | Rear | 8.25       | 5.75           | 146  | 5.25             | 133  | ø4.25      | 108  | Poly        | 131         |
| TG-R20P       | 20 ton   | Rear | 14.1875    | 5.75           | 146  | 5.25             | 133  | ø4.25      | 108  | Poly        | 162         |

Includes: (2) Rear Dollies with a Spreader Bar

## KITG-60P



## KITG-80P



### KITS

| Hilman Part # | Capacity | Wheel Type   | Wheel Count | Height (w/pad) |      | Height (w/o pad) |      | Weight (lb.) | Handle Length |      | Alignment Bar |      |
|---------------|----------|--------------|-------------|----------------|------|------------------|------|--------------|---------------|------|---------------|------|
|               |          |              |             | (in)           | (mm) | (in)             | (mm) |              | (in)          | (mm) | (in)          | (mm) |
| KITG-60PA     | 60 ton   | Polyurethane | 24/24       | 7.75           | 197  | 7.00             | 178  | 981          | 45.125        | 1146 | 96            | 2438 |
| KITG-80PA     | 80 ton   | Polyurethane | 32/32       | 7.75           | 197  | 7.00             | 178  | 1095         | 45.125        | 1146 | 96            | 2438 |

All kits include: (1) Front Unit with Tow Handle and (2) Rear Dollies with a Spreader Bar

## INDIVIDUAL FRONT

| Hilman Part # | Capacity | Type  | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|-------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |       |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-F30PA      | 30 ton   | Front | 48.0625    | 7.75           | 197  | 7.00             | 178  | ø5.51      | 140  | Poly        | 603         |
| TG-F40PA      | 40 ton   | Front | 56.0625    | 7.75           | 197  | 7.00             | 178  | ø5.51      | 140  | Poly        | 667         |

Includes: (1) Front Unit with a Tow Handle

## INDIVIDUAL REAR

| Hilman Part # | Capacity | Type | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |      |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-R30PA      | 30 ton   | Rear | 17.25      | 7.75           | 197  | 7.00             | 178  | ø5.51      | 140  | Poly        | 378         |
| TG-R40PA      | 40 ton   | Rear | 21.0625    | 7.75           | 197  | 7.00             | 178  | ø5.51      | 140  | Poly        | 428         |

Includes: (2) Rear Dollies with a Spreader Bar. Higher Tonnage available on request.



# 120-160 TONS

## KTG-120P



## KTG-160P



## KITS

| Hilman Part # | Capacity | Wheel Type   | Wheel Count | Height (w/pad) |      | Height (w/o pad) |      | Weight (lb.) | Handle Length |      | Alignment Bar |      |
|---------------|----------|--------------|-------------|----------------|------|------------------|------|--------------|---------------|------|---------------|------|
|               |          |              |             | (in)           | (mm) | (in)             | (mm) |              | (in)          | (mm) | (in)          | (mm) |
| KTG-120P      | 120 ton  | Polyurethane | 12/12       | 11             | 279  | 10               | 254  | 2175         | 58 1/4        | 1480 | 192 1/4       | 4883 |
| KTG-160P      | 160 ton  | Polyurethane | 16/16       | 11             | 279  | 10               | 254  | 2779         | 58 1/4        | 1480 | 192 1/4       | 4883 |

All kits include: (1) Front Unit with Tow Handle and (2) Rear Dollies with a Spreader Bar

## INDIVIDUAL FRONT

| Hilman Part # | Capacity | Type  | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|-------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |       |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-F60P       | 60 ton   | Front | 32 1/4     | 11             | 279  | 10               | 254  | ø8.00      | 203  | Poly        | 1222        |
| TG-F80P       | 80 ton   | Front | 32 1/4     | 11             | 279  | 10               | 254  | ø8.00      | 203  | Poly        | 1525        |

Includes: (1) Front Unit with a Tow Handle

## INDIVIDUAL REAR

| Hilman Part # | Capacity | Type | Width (in) | Height (w/pad) |      | Height (w/o pad) |      | Wheel Size |      | Roller Type | Weight (lb) |
|---------------|----------|------|------------|----------------|------|------------------|------|------------|------|-------------|-------------|
|               |          |      |            | (in)           | (mm) | (in)             | (mm) | (in)       | (mm) |             |             |
| TG-R60P       | 60 ton   | Rear | 15 1/4     | 11             | 279  | 10               | 254  | ø8.00      | 203  | Poly        | 953         |
| TG-R80P       | 80 ton   | Rear | 20 1/2     | 11             | 279  | 10               | 254  | ø8.00      | 203  | Poly        | 1254        |

Includes: (2) Rear Dollies with a Spreader Bar





# MODIFIED

The Hilman Tri-Glide can be modified in a number of ways to accommodate your specific application requirements. Custom turntables and special hole patterns on the contact points are just a couple of examples where users have made the Hilman Tri-Glide System a perfect fit. Hilman also manufactures completely custom Tri-Glide Solutions to meet specific performance requirements.

## SWIVEL LOCKING TOPS



## LOCATOR PINS FOR REAR DOLLIES



## SPECIAL CONFIGURATIONS



## CUSTOM ATTACHMENTS



## CARTS



## HYDRAULIC CYLINDERS



# OMNI-SKATE



# OMNI-SKATE

The Hilman OMNI-SKATE is a multi-directional load skate capable of traveling in any direction and rotating on axis. Designed, engineered, and manufactured in the USA, the OMNI-SKATE optimizes your move while being the most reliable and rugged solution in the industry.

**3, 6, 8 & 10 TONS**



Omni-Skates – 360-Degree Maneuverability – Move heavy loads in tight spaces and around sharp corners in any direction.

**LIFT**



**SET**



**ROLL**



**ANY  
DIRECTION**





# FEATURES

The Hilman OMNI-SKATE is available in capacities of 3, 6, 8, and 10 tons. They can also be combined into sets of 4 for capacities up to 40 tons!





# SPECIFICATIONS

## OMNI-3



## OMNI-6



## OMNI-8



## OMNI-10



| Hilman Part # | Capacity (tons) | Height |       | Width   |         | Length |         | Weight |      | Wheel Type | # of Wheels | Wheel Diameter | Pad Diameter |
|---------------|-----------------|--------|-------|---------|---------|--------|---------|--------|------|------------|-------------|----------------|--------------|
|               |                 | (in)   | (mm)  | (in)    | (mm)    | (in)   | (mm)    | (lb)   | (kg) |            |             |                |              |
| OMNI-3        | 3               | 4.63   | 117.6 | 18.937  | 481     | 22.562 | 573.075 | 68     | 31   | Nylon      | 6           | ø3.13          | ø8           |
| OMNI-6        | 6               | 4.63   | 117.6 | 24.125  | 612.775 | 30.125 | 765.175 | 111    | 50   | Nylon      | 9           | ø3.14          | ø8           |
| OMNI-8        | 8               | 4.63   | 117.6 | 22.9375 | 582.613 | 31.375 | 796.925 | 139    | 63   | Nylon      | 12          | ø3.15          | ø8           |
| OMNI-10       | 10              | 4.63   | 117.6 | 31.4375 | 798.513 | 38.75  | 984.25  | 185    | 84   | Nylon      | 15          | ø3.16          | ø8           |

## ALIGNMENT BAR AND STEERING HANDLE

| Hilman Part #    | Diameter | Length  |         | Weight |          |
|------------------|----------|---------|---------|--------|----------|
|                  |          | (in)    | (mm)    | (lb)   | (kg)     |
| KD-BAR-ALGN-2X60 | ø1.315   | 121 3/8 | 3082.92 | 21.8   | 9.888314 |

| Hilman Part # | Width  |       | Length |        |
|---------------|--------|-------|--------|--------|
|               | (in)   | (mm)  | (in)   | (mm)   |
| HANDLE-OMNI   | 13 1/2 | 342.9 | 43 1/2 | 1104.9 |



ALIGNMENT BAR WITH COUPLING

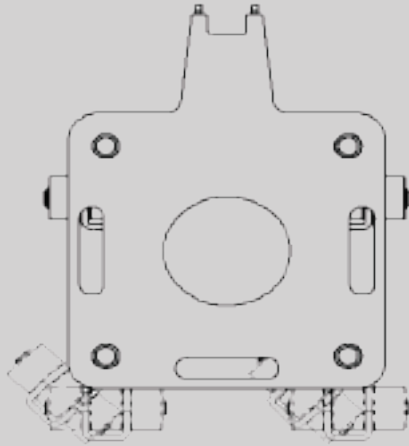


HANDLE



# OMNI-SKATE

The Hilman Omni-Skate provides a stable, efficient solution for moving heavy loads.



## 360-DEGREE ROTATION



## ALIGNMENT BAR

Combine dollies into pairs using an adjustable alignment bar.



## CONFIGURATIONS

Our dollies can be configured in a number of ways including attaching them to the PowerAttack or using them in conjunction with our TK-EVO or Traksporter.

*Images are for representation purposes only. Actual product may differ.*



# TOE JACKS





# TOE JACKS

## TOE JACK PRO



**LOW GROUND CLEARANCE -**  
Reliable manual jacks offers a low clearance of just 1", with a capacity of 100% on top and 80% on the toe. It can be operated both vertically and horizontally.

## TOE JACK DELUXE



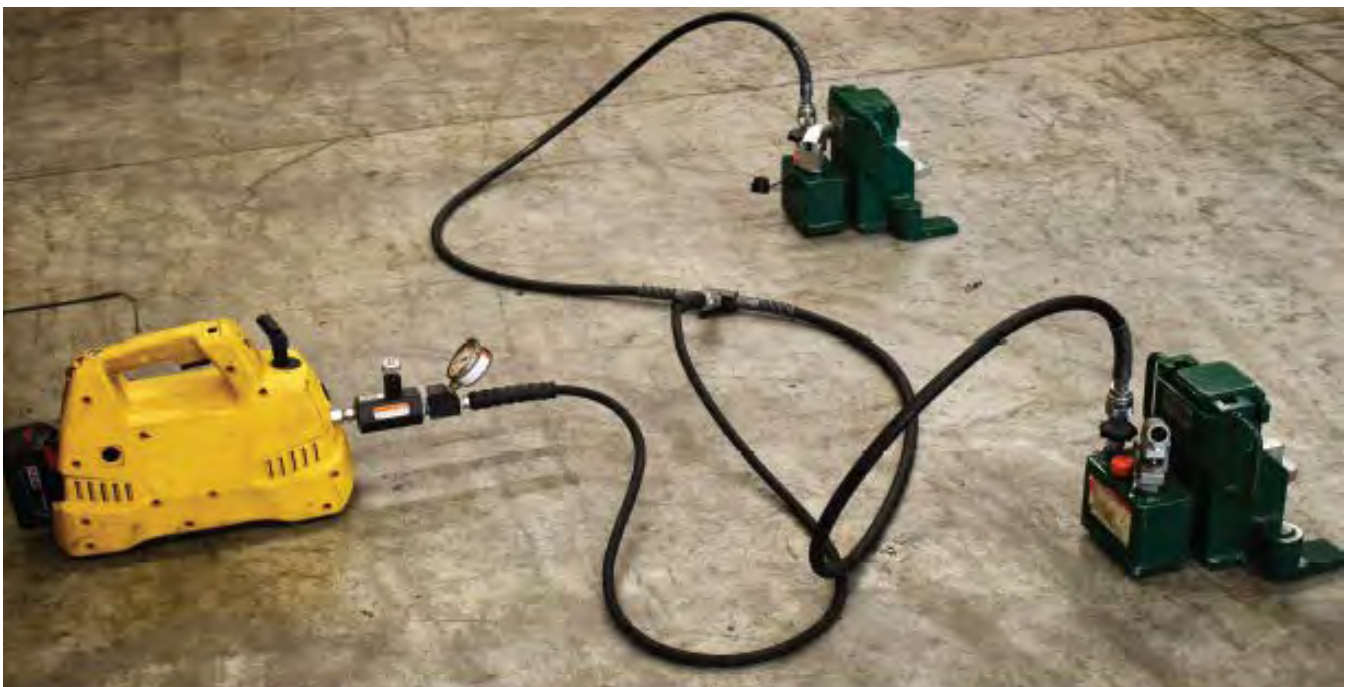
**HIGH QUALITY LIFTING TOE -**  
Hilman Deluxe Jacks feature a high quality lifting toe that can be adjusted to several heights to accommodate different lift points.

## DELUXE JACKING KIT



**HYDRAULIC PUMP -**  
Our quality Toe Jack Kits include hydraulic pumps and have everything you need to lift equipment safely and efficiently.

**EASY LIFTING!  
USE MANUALLY OR CONNECT TO PUMP!**





# TOE JACK PRO

## FASTER LIFT

Our Toe Jack Pro gets 20% more distance per stroke!

## EASY OPERATION

Our 5 & 10 models can operate both vertically and horizontally, and have the 100% capacity on top, and 80% on toe.

### EASILY REMOVABLE HANDLE

pulls on and off for transport and storage, no pins or keys

### FASTER LIFT

20% more distance per stroke

### CAST-IN HANDLE

for portability

OPERATES BOTH HORIZONTALLY & VERTICALLY

FLAT FACE  
for blocking

### GENEROUS STROKE

8" on the 5 ton and 9" on the 10 ton

LOW TOE CLEARANCE  
just over 1"

| Hilman Part # | Capacity | Jack Height Retracted |      | Jack Height Extended |      | Toe Height |      | Total Stroke |      | Pumps (#) | Stroke/Pump |      | Weight |      |
|---------------|----------|-----------------------|------|----------------------|------|------------|------|--------------|------|-----------|-------------|------|--------|------|
|               |          | (in)                  | (mm) | (in)                 | (mm) | (in)       | (mm) | (in)         | (mm) |           | (in)        | (mm) | (lb)   | (kg) |
| HTJ-508       | 5 ton    | 14.5                  | 368  | 22.5                 | 571  | 1.040      | 26   | 8            | 203  | 45        | 0.178       | 4.5  | 42     | 19   |
| HTJ-1009      | 10 ton   | 16.5                  | 419  | 25.625               | 650  | 1.125      | 28   | 9.125        | 231  | 97        | 0.094       | 2.3  | 64.8   | 29   |

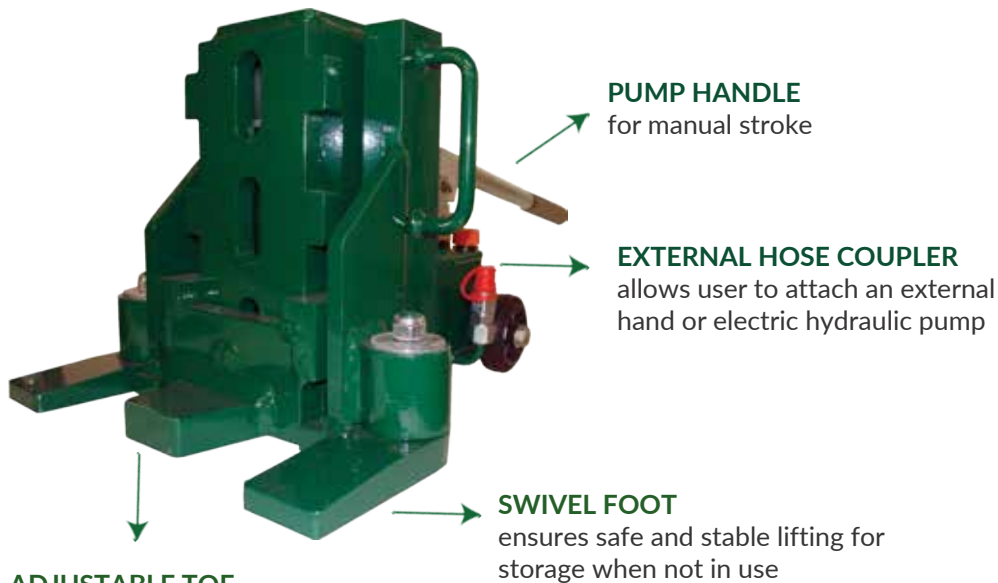
# DELUXE JACKS

## HIGH-QUALITY LIFTING TOE

The Hilman Deluxe Jacks are crafted with a premium lifting toe and adjustable height settings, allowing them to accommodate various lift points. These jacks also feature swivel feet for easy storage and a release valve for controlled, smooth lowering.

## HYDRAULIC PUMP

Deluxe Jacks come with an external hose coupler that allows the user to attach an external hand or electric hydraulic pump for easy and safe positioning.



**ADJUSTABLE TOE**  
3 positions to accommodate different lift points



# DELUXE JACKS

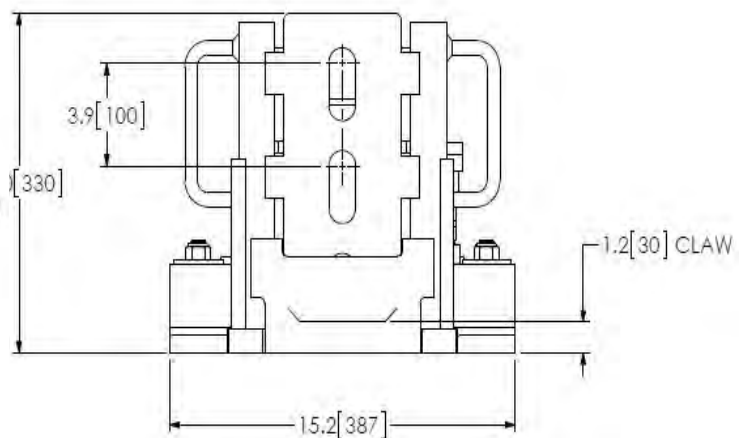
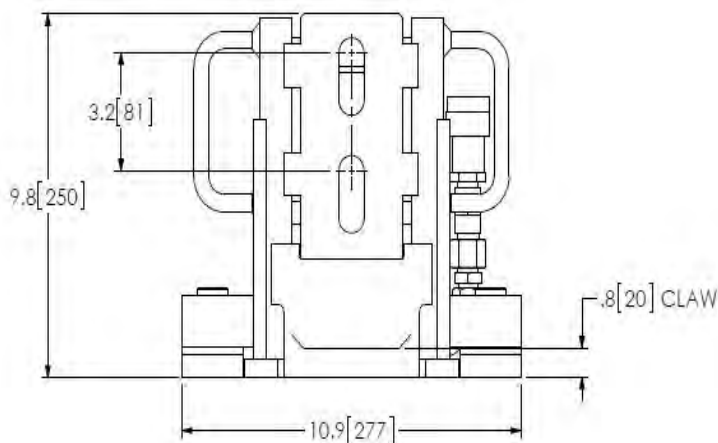


**HTJ-25D**

**HTJ-10D**



| Hilman Part # | Capacity | Claw Height |      | Adjustability |         | Stroke |      | Length |      | Width |      | Height |      | Weight |      |
|---------------|----------|-------------|------|---------------|---------|--------|------|--------|------|-------|------|--------|------|--------|------|
|               |          | (in)        | (mm) | (in)          | (mm)    | (in)   | (mm) | (in)   | (mm) | (in)  | (mm) | (in)   | (mm) | (lb)   | (kg) |
| HTJ-10D       | 10 ton   | 0.79        | 20   | 3 x 3.19      | 3 x 81  | 5.5    | 140  | 10.67  | 271  | 10.9  | 277  | 9.8    | 250  | 62     | 28   |
| HTJ-25D       | 25 ton   | 1.18        | 30   | 3 x 3.94      | 3 x 100 | 5.5    | 140  | 15.28  | 388  | 15.24 | 387  | 13.0   | 330  | 159    | 72   |

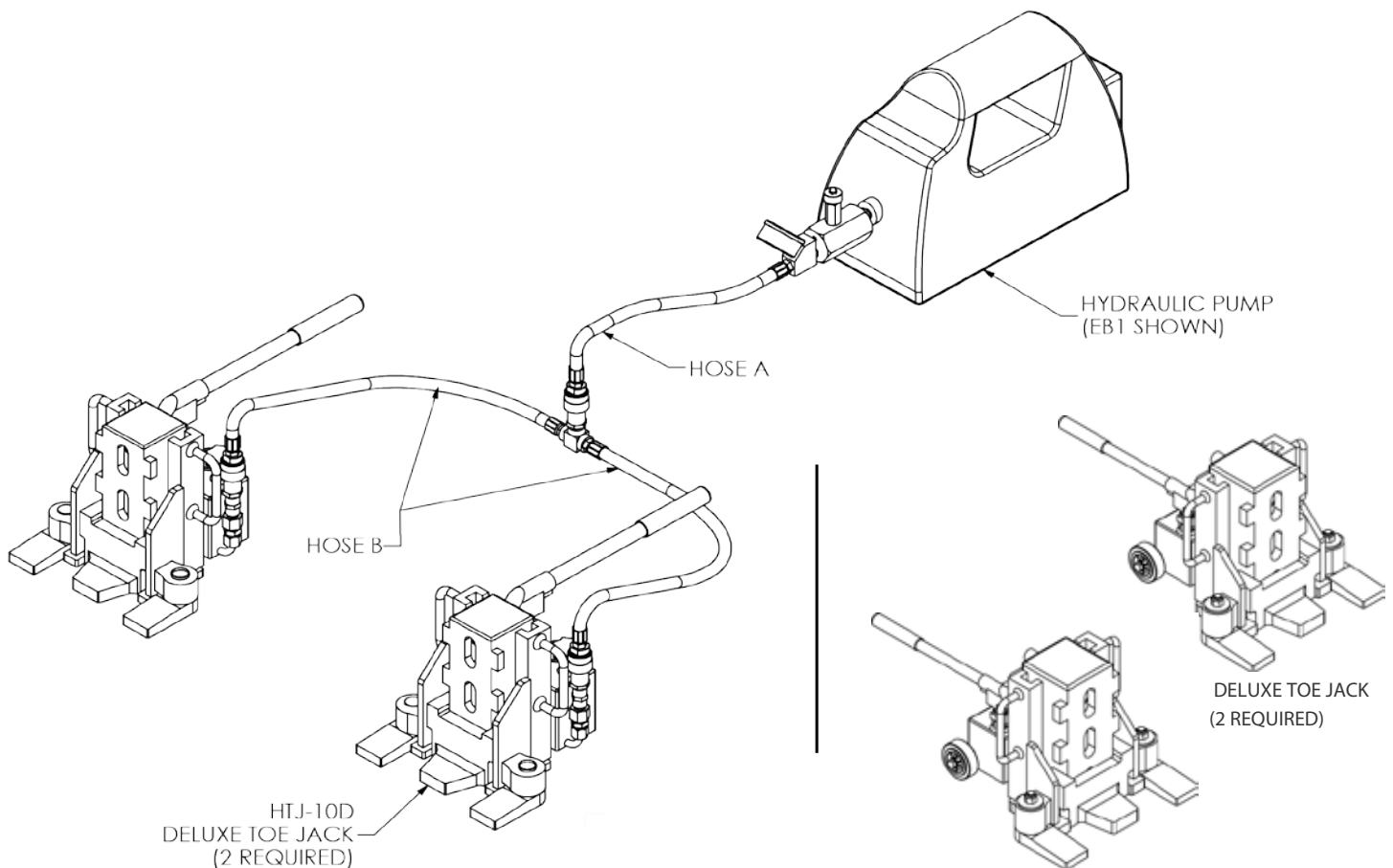


# KITS

Everything you need to lift your load with minimal effort! This complete kit features a battery powered hydraulic pump, optional manual operation of jacks, adjustable toe, stabilizing feet, and a release valve for smooth lowering. System comes complete with two 10 ton deluxe hydraulic jacks (manual or automatic operation), portable hydraulic battery powered pump, and hydraulic hose assembly with 10' of hose for each jack. Available in 20 & 50 tons.

| Hilman Part #   | Lift Capacity | Charge Voltage                      |
|-----------------|---------------|-------------------------------------|
| HTJ-20-1010-EB1 | 20 tons       | 115 VAC                             |
| HTJ-20-1010-EB2 | 20 tons       | 230 VAC, EU                         |
| HTJ-50-1010-EB1 | 50 tons       | 115 VAC                             |
| HTJ-50-1010-EB2 | 50 tons       | 230 VAC, EU                         |
| HTJ-50-1010-EP1 | 50 tons       | 110/115 VAC, 510-60 Hz SINGLE PHASE |
| HTJ-50-1010-EP2 | 50 tons       | 230 VAC, 50-60 Hz SINGLE PHASE      |

*For custom hose lengths, please contact the factory.*





# POWERATTACK



# POWERATTACK

The PowerAttack is an innovative way to move loads on skates or trolleys up to 30 tons to replace forklifts!

## KPA-25



### Corded-25 Ton Capacity

Powered by an electric cable either with 110V or 230V (KPA-25-230V) drive motor.

*Kits include: Components with PA-25C (PA-LADAP, PA-AJG240, PA-LT). Package adapters are supplied in a separate cardboard box.*

## KPA-30



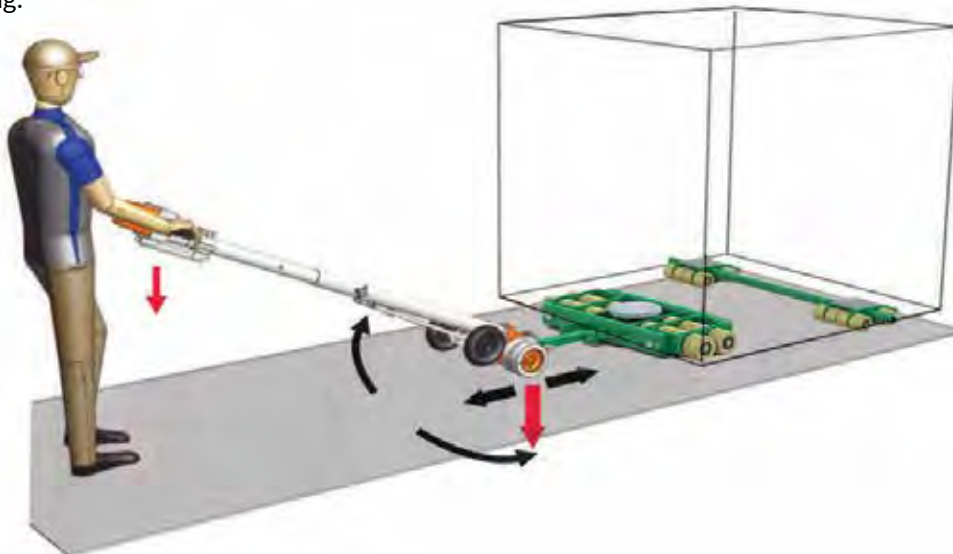
### Battery Powered-30 Ton Capacity

Powered by a 24V synchronous motor with 1kw output, generating 800Nm to drive-wheels

*Kits include: The kit includes positioning the hanger as indicated and drilling holes from the inside out with a maximum drill size of 9/32" (.281). The components provided with the PA-30CC are PA-LADAP, PA-AJG240, PA-LT, PA-CU, and 2x PA-24V.*

## APPLIED MECHANICS

The PowerAttack harnesses traction and leverage to efficiently move heavy loads. When paired with a steerable skate, like the Hilman Tri-Glide with an adaptor, it utilizes rear dollies for controlled movement. Its extendable handle provides additional leverage, boosting traction for the powered wheels. With the capability to push or pull up to 30 tons in the battery-powered version and 25 tons in the corded version, the PowerAttack is a formidable solution for heavy load handling.



*Images are for representation purposes only. Actual product configuration and support points will differ based on the load.*

# ADVANTAGES

Each PowerAttack comes with an adjustable load toe, an L Adaptor and an adaptor to connect to a front skate. The battery version also includes 2 batteries and charge unit.

## TELESCOPING

adjusts for leverage and comfort of operator (max length 84 inches/2134mm)



## EMERGENCY STOP BUTTON

## FORWARD-REVERSE SWITCH

## BATTERY INDICATOR

## ON/OFF SWITCH

## TWO SPEEDS

16 ft [4.9m]/min  
and 65 ft [20m]/min

## LANDING GEAR

2 wheel aux trolley for easy transport when not under the load

## NO MEMORY EFFECT OR DISCHARGE

when not in use

## 24V LI-ION BATTERY\*

drives a powerful 24V 3-phase motor with variable speed for smooth operation  
\*KPA-30 only



## ADJUSTABLE LOAD TOE

to have convenient working height for operator

## L ADAPTOR

for when the height of the object to push is higher

## BLUETOOTH CHARGER

connects to app VICTRON CONNECT to monitor charge  
\*KPA-30 only

## TRI-GLIDE ADAPTOR

connects to PowerAttack Tri-Glide unit

| Hilman Part # | Capacity (tons) | Telescopic Length |             | Width |      | Weight |      |
|---------------|-----------------|-------------------|-------------|-------|------|--------|------|
|               |                 | (in)              | (mm)        | (in)  | (mm) | (lb)   | (kg) |
| KPA-25        | 25              | 65 - 84           | 1650 - 2150 | 15    | 380  | 110    | 50   |
| KPA-25-230V   | 25              | 65 - 84           | 1650 - 2150 | 15    | 380  | 110    | 50   |
| KPA-30        | 30              | 65 - 84           | 1650 - 2150 | 15    | 380  | 165    | 75   |

*Loads can be moved up to 25 to 30 tons depending on floor surface, types of skates, etc.*



# FEATURES



## CLEAN ROOM MOVING

The Battery PowerAttack is a great option for clean room moving or in spaces where emissions are an issue. The soft polyurethane wheels are non-marking and prevent damage to floors.

## CUSTOM ATTACHMENTS

The PowerAttack can be used in combination with other Hilman items such as the Tri-Glide. Custom attachments are also available if needed for a specific application.





# UNIVERSAL MACHINERY MOVING KITS

This versatile and easy to use 3 point moving system is designed to meet the majority of your load moving requirements. The kit includes everything you need to move loads easily, effectively and safely.

- Jacking package allows easy lifting of load
- 3-point machine skates provide a stable rolling platform
- Powered load mover makes it easy to move your load into its new position with the push of a lever
- Rubber or poly wheels offer durability and floor protection



## ESSENTIAL PACKAGE

**Great Value for Efficient Load Moving!**

### Includes:

- (1) Corded Power Load Mover
- (1) 3-Point Moving Dolly
- (2) Rear Dollies with Adjustable Spreader Bar
- (2) 10 Ton Manual Toe Jacks
- (3) Pre-loaded Pads

## DELUXE PACKAGE

**Cordless, Easy to Use!**

### Includes:

- (1) Battery Powered Load Mover
- (2) Batteries
- (1) Charger
- (1) 3-Point Moving Dolly
- (2) Rear Dollies with Adjustable Spreader Bar
- (2) 10 Ton Hydraulic Jacks
- (2) 10 ft Hoses
- (1) Battery Powered Hydraulic Pump
- (3) Pre-loaded Pads



# TK-EVO



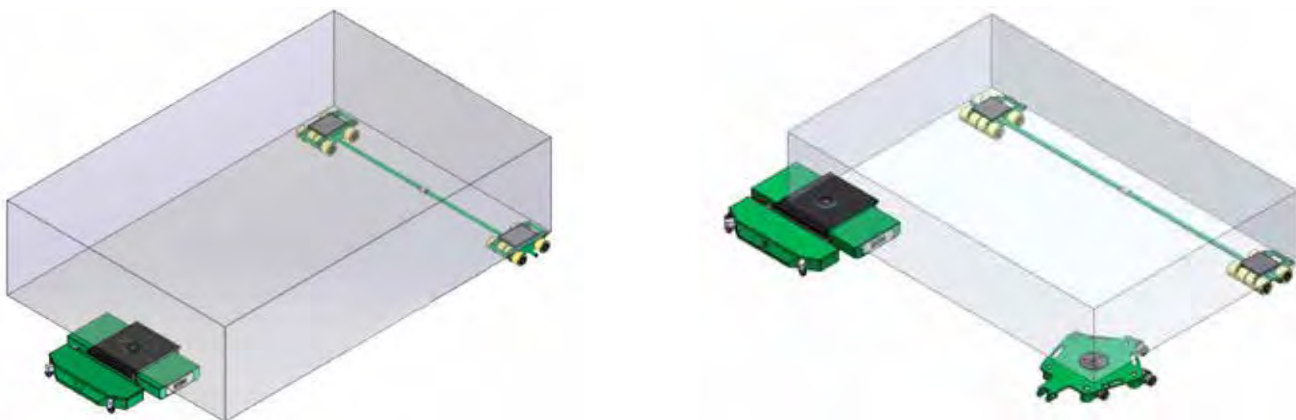
# TK-EVO

Move heavy loads without the hassle of cords! The TK-EVO features durable steel tracks or floor protection tracks, making it ideal for use on specialized flooring in clean rooms, healthcare facilities, microchip manufacturing plants, and more!



## POWERED 3-POINT MOVING

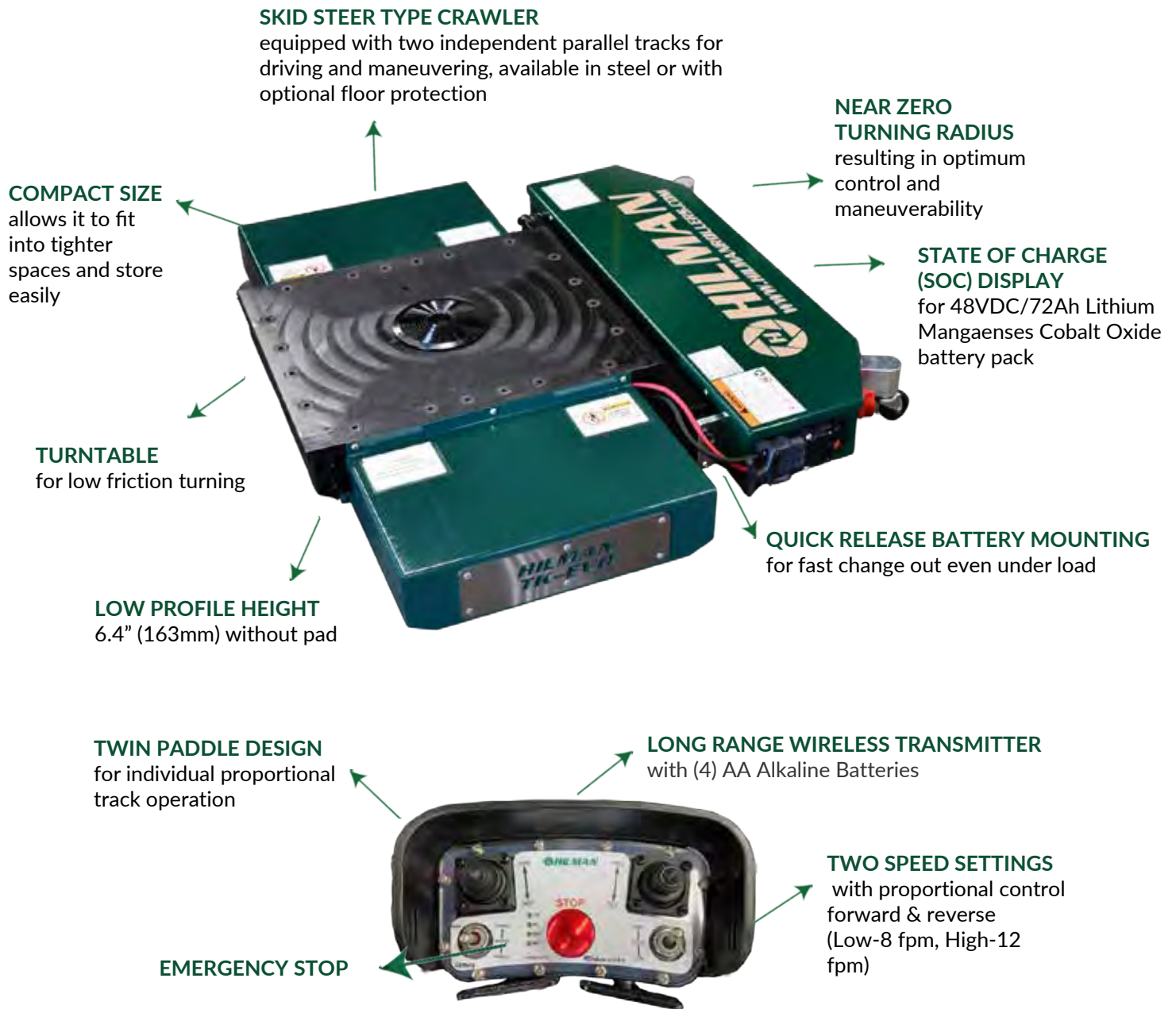
The TK-EVO Basic Package allows for a powered 3-point configuration with a pair of rear dollies, making moving equipment easy and safe. It can also be combined with other products like OMNI-SKATES for added flexibility, enabling 360-degree rotation..



*Images are for representation purposes only. Actual product configuration and support points will differ based on applications.*

# FEATURES

Typical battery life under working conditions is up to 3-4 hours. Charge time per battery is up to 1 hour with standard 110V single phase outlet.



| Hilman Part # | Capacity* (tons)    | Height without pad |      | Width |      | Weight |      |
|---------------|---------------------|--------------------|------|-------|------|--------|------|
|               |                     | (in)               | (mm) | (in)  | (mm) | (lb)   | (kg) |
| TK-EVO        | Crawler Only 20 ton | 6.4                | 163  | 41    | 1041 | 36     | 914  |
|               | Trailer Only 20 ton |                    |      |       |      |        |      |
|               | Combined 40 ton     |                    |      |       |      |        |      |

\*Based on flat level riding surface



# BENEFITS

## CORDLESS. EMISSIONS-FREE.

- Eliminates tripping hazards, enhancing crew safety.
- No exhaust fumes, providing a cleaner work environment.
- Quiet operation for improving crew communications

## PERFORMANCE

- Offers two-speed settings with proportional control for smooth operation in both forward and reverse.
  - High Speed: Up to 12 feet per minute (fpm)
  - Low Speed Up to 8 feet per minute (fpm)
- Near zero turning radius for enhanced agility in confined spaces.
- 48V DC, 60Ah battery with a State of Charge (SOC) display
  - Expected Run Time: Approximately 3 to 4 hours of operation per charge
  - Recharge Time: 1 hour using a standard 110V/230V AC single-phase outlet



## CUSTOM SOLUTION

The TK-EVO can be tailored to fit the specific requirements of any project. It can also be integrated with other Hilman products to create a fully customized moving solution.



# PACKAGES

The TK-EVO is offered in a basic package that includes (1) TK-40E with battery, a charger, and more!



## BASIC PACKAGE

Includes:

- (1) TK-EVO Crawler with Battery
- (1) Remote Control
- (1) Spare 48VDC/60Ah Battery(1) Battery Charger
- (2) 10 Ton Capacity Dollies
- (1) 8 ft Alignment Bar
- (4) Preload Pads
- (2) Eyebolts



## CUSTOM OPTIONS

Need custom options for your specific application, such as attachments, turtlebacks, turntables, or rear dolly modifications? Hilman has the perfect solution for you! Custom solutions, No problem! Visit our website or contact us at [sales@hilmanrollers.com](mailto:sales@hilmanrollers.com).





# TRAKSPORTER



# TRAKSPORTER

The Hilman Trakporter is a remote-controlled, self-propelled crawler system engineered for the safe, easy, and efficient movement of heavy machinery and other large objects. Powered by a propane internal combustion engine that drives its hydraulic crawler, the Trakporter is available in standard packages with capacities of up to 100 tons, offering a robust solution for heavy moving needs.

## CRAWLER



A remote controlled hydraulic steering and drive mechanism that is used to direct the movement of whatever is being moved.

## POWER UNIT



Provides power to the Crawler through a 23hp LPG powered engine that can also be custom designed to run on a 25hp electric motor.

## POWERED 3-POINT MOVING SYSTEM

The Hilman Trakporter is equipped with an advanced three-point moving system designed for optimal maneuverability and control. The front steerable unit is fully powered and operated via remote control, allowing the operator to monitor and precisely manage multiple contact points during movement. This system includes two rear dollies and an alignment bar, ensuring consistent load distribution across all skates for smooth and balanced operation.





# FEATURES

The TrakSPORTer is designed for operation on level concrete floors. TrakSPORTer systems are available in 50, 75, 100, and 200-ton configurations, making them ideal for moving heavy loads through challenging haul paths, including tight turns and precise final set locations.



# BENEFITS

The Traksporster moves heavy objects in tight areas where it is difficult or impossible to use a forklift or other means.



## SELF-CONTAINED/ SELF-PROPELLED

- No additional equipment is required to move the Traksporster.
- Eliminate the need to push or pull the object with a forklift and reposition to make corners.
- Provide smooth, continuous power to navigate corners non-stop and with maximum control.
- Stores easily inside the Power Cart.

## BETTER USE OF MANPOWER

- Reduce the need to transport heavy forklifts and multiple vehicles to job sites. To move equipment to site only requires a pick-up truck and a trailer.
- Less effort and faster. No longer need to bump and push the object with forklifts.
- Quick moves with minimal operation disruption.



## SPECIFICATIONS

|                                                                     |                                        |
|---------------------------------------------------------------------|----------------------------------------|
| Size of Power Unit                                                  | Length 65" x Width 30" x Height 44"    |
| Weight                                                              | 1500 lbs (operating)                   |
| Engine                                                              | WG750B Kubota 45 cu in. Displ. 23hp    |
| Solid rubber tires                                                  | 13.5" x 4.5"                           |
| Hydraulic steering and drive                                        |                                        |
| Crawler is stored in its own compartment self loading and unloading |                                        |
| Top storage area with 2" rail for tools, blocks, rollers, etc.      |                                        |
| Capacity                                                            | 30 ton directly on crawler turntable   |
| Pulling Capacity                                                    | 75 ton                                 |
| Speed                                                               | Adjustable 0-25 fpm                    |
| Turning Radius                                                      | Zero turn                              |
| Size of Crawler Unit                                                | Length 26" x Width 31" x Height 6.375" |
| Weight                                                              | 540 lbs                                |
| Power Supply Hose                                                   | 30' long (protected by nylon sleeve)   |
| Track Pads                                                          | Solid steel (smooth face)              |

# PACKAGES

The TrakSPORTER comes in a variety of packages that provide you with all the tools needed for an easy move. Additional options such as trailers, custom jacking systems, and complete tool carts are also available.



All Basic & Deluxe packages include (1) 130-BP TrakSPORTER with 30 Ton Capacity Remote-Controlled Crawler.

## BASIC

| TK50 BASIC (50 TON)            | TK75 BASIC (75 TON)            | TK100 BASIC (100 TON)          |
|--------------------------------|--------------------------------|--------------------------------|
| <b>Includes:</b>               | <b>Includes:</b>               | <b>Includes:</b>               |
| (2) 12 Ton Capacity Dollies    | (4) 12 Ton Capacity Dollies    | (4) 12 Ton Capacity Dollies    |
| (1) 8 ft. Roller Alignment Bar | (1) 8 ft. Roller Alignment Bar | (1) 8 ft. Roller Alignment Bar |
| (4) Rubber Pads                | (4) Rubber Pads                | (4) Rubber Pads                |
|                                | (4) Plywood Pads               | (4) Plywood Pads               |
|                                | (2) 1.25 in. Spreader Plate    | (2) 1.25 in. Spreader Plate    |
|                                |                                | (1) Turtleback                 |

## DELUXE

| TK75 DELUXE (75 TON)                                           | TK100 DELUXE (100 TON)                                         |
|----------------------------------------------------------------|----------------------------------------------------------------|
| <b>Includes:</b>                                               | <b>Includes:</b>                                               |
| (1) Tool Cart                                                  | (1) Tool Cart                                                  |
| (4) 12 Ton Capacity Dollies                                    | (4) 12 Ton Capacity Dollies                                    |
| (4) Roller Alignment Bars (4 ft., 6 ft., 8 ft., & 10 ft. long) | (4) Roller Alignment Bars (4 ft., 6 ft., 8 ft., & 10 ft. long) |
| (2) 1.25 inch Roller Spreader Plates                           | (2) 1.25 inch Roller Spreader Plates                           |
| (4) Rubber Pads                                                | (4) Rubber Pads                                                |
| (4) Plywood Pads                                               | (4) Plywood Pads                                               |
| (4) 10 Ton Toe Jacks                                           | (4) 10 Ton Toe Jacks                                           |
| (2) Battery Powered Cordless Pumps (w/ 10 ft. Hose)            | (2) Battery Powered Cordless Pumps (w/ 10 ft. Hose)            |
| (2) 30 Ton Cylinders                                           | (2) 30 Ton Cylinders                                           |
| (2) 10 ft. Splitter Hoses                                      | (2) 10 ft. Splitter Hoses                                      |
| (4) Floor Plates (0.1875" x 16" x 60")                         | (4) Floor Plates (0.1875" x 16" x 60")                         |
|                                                                | (1) Turtleback                                                 |

*Training is also included with this package (8 hours max and includes no more than 4 groups-max 8 people per group). For more information, please contact us.*



# MODIFICATIONS

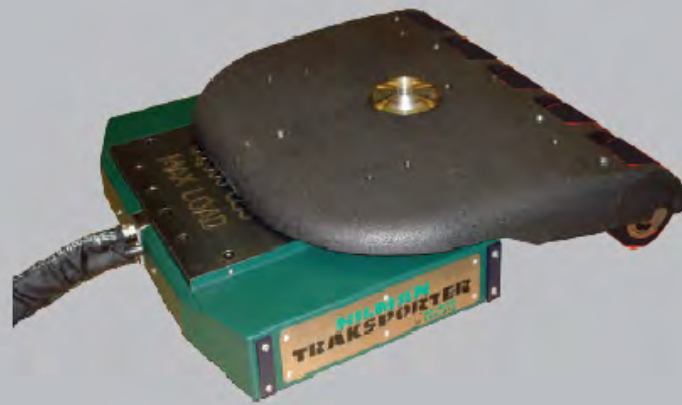


## ELECTRIC MOTOR

The Trakporter is available in an electric version equipped with a 25hp electric motor or a diesel alternative, ideal for applications where the use of combustible fuels is restricted.

## UPGRADEABLE

Any Hilman Trakporter system is upgradeable to a 100 ton moving capacity utilizing our Hilman Turtleback option. It has a direct load capacity of 55 tons (110,000 lbs). It features (5) 6" diameter wheels with a continuous shaft that can be easily changed to optional nylon wheels with shaft and a turntable. Rear dollies can also be upgraded to match capacity.



## LET US CUSTOMIZE YOUR SOLUTIONS

The Trakporter can be customized into a complete load moving solution including carts, rollers, hydraulics, etc.

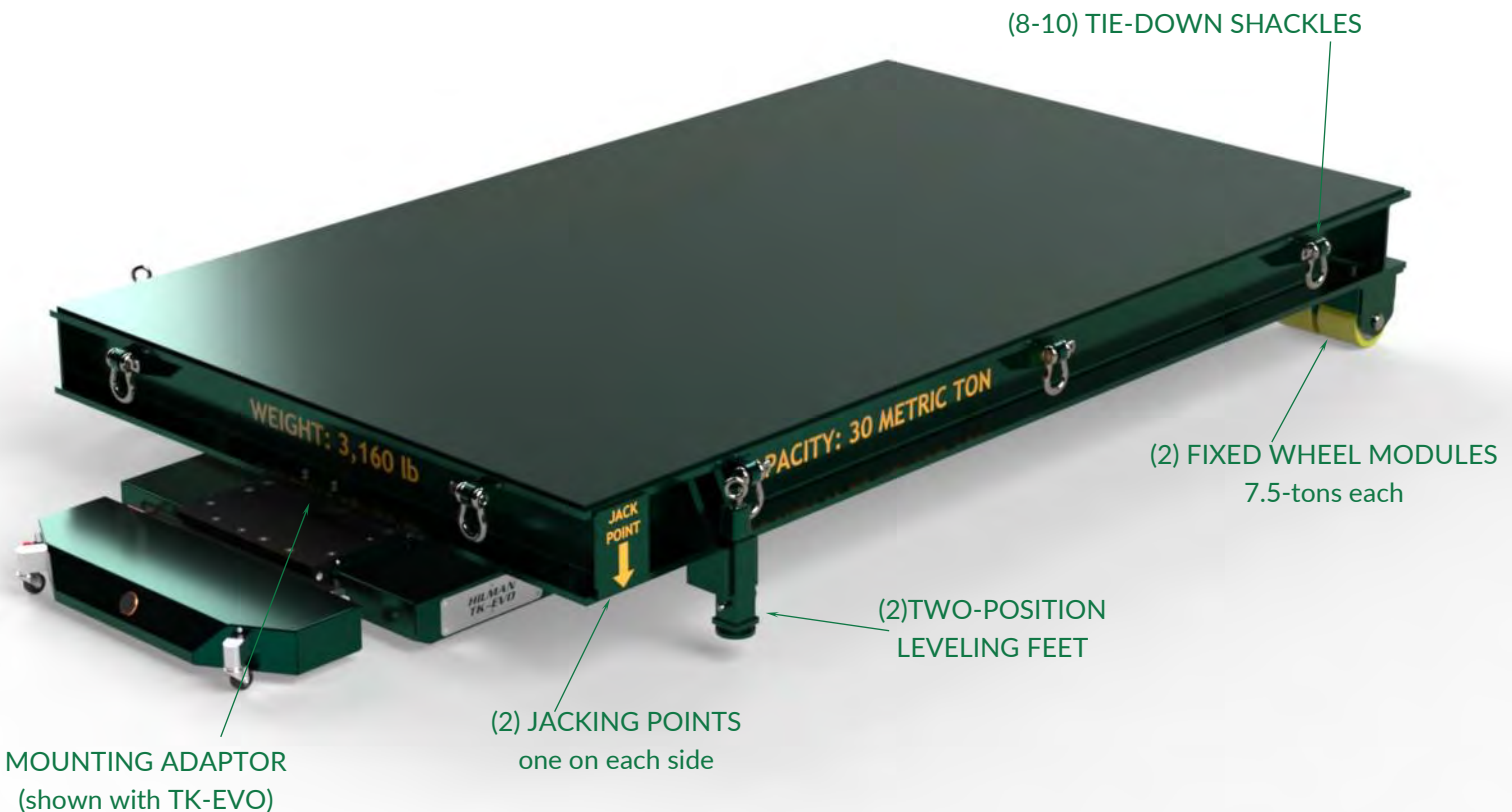


# POWERED CART SYSTEMS

Hilman's innovative Powered Cart Systems empower you to transport heavy loads with ease and precision.

Featuring our TK-EVO, PowerAttack, or a Swivel Front Skate with tow hitch for your own power source, these carts ensure safe and efficient movement.

Available in three standard sizes, each capable of handling up to 30 metric tons, they are engineered for durability and versatility across industrial, machinery, and infrastructure applications.



Choosing the right Powered Cart for your project is as easy as 1—2—3!

**Step 1.**  
**Choose your size.**

| Model      | W<br>in [mm] | L<br>in [mm] |
|------------|--------------|--------------|
| CART-4896  | 48 [1219]    | 96 [2438]    |
| CART-7272  | 72 [1829]    | 72 [1829]    |
| CART-72120 | 72 [1829]    | 120 [3048]   |

# CHOOSE YOUR POWER

**Step 2.**  
Choose your power.

**Step 3.**  
Get ready to move!

## TK-EVO (EVO)

-Battery Powered Machine Skate



## PowerAttack (PA)

-Battery Powered Pusher/Puller  
(includes swivel-front hitch)



## Swivel Front w/ Tow Hitch (TG)\*



CART-TG-4896



CART-EVO-72120



CART-PATG-7272

| Hilman Part #   | Power Option | Capacity (metric tons) | Width |      | Length |      | Height |      | Weight |      |
|-----------------|--------------|------------------------|-------|------|--------|------|--------|------|--------|------|
|                 |              |                        | (in)  | (mm) | (in)   | (mm) | (in)   | (mm) | (lb)   | (kg) |
| CART-EVO-4896   | TK-EVO       | 30                     | 48    | 1219 | 96     | 2438 | 17     | 432  | 2815   | 1177 |
| CART-EVO-7272   | TK-EVO       | 30                     | 72    | 1829 | 72     | 1829 | 17     | 432  | 2785   | 1263 |
| CART-EVO-72120  | TK-EVO       | 30                     | 72    | 1829 | 120    | 3048 | 17     | 432  | 3774   | 1712 |
| CART-PATG-4896  | PowerAttack  | 30                     | 48    | 1219 | 96     | 2438 | 17     | 432  | 2620   | 1188 |
| CART-PATG-7272  | PowerAttack  | 30                     | 72    | 1829 | 72     | 1829 | 17     | 432  | 2590   | 1175 |
| CART-PATG-72120 | PowerAttack  | 30                     | 72    | 1829 | 120    | 3048 | 17     | 432  | 3580   | 1624 |
| CART-TG-4896    | Swivel Skate | 30                     | 48    | 1219 | 96     | 2438 | 17     | 432  | 2475   | 1123 |
| CART-TG-7272    | Swivel Skate | 30                     | 72    | 1829 | 72     | 1829 | 17     | 432  | 2445   | 1109 |
| CART-TG-72120   | Swivel Skate | 30                     | 72    | 1829 | 120    | 3048 | 17     | 432  | 3436   | 1559 |
| CART-4896       | Cart Only    | 30                     | 48    | 1219 | 96     | 2438 | 17     | 432  | 2200   | 998  |
| CART-7272       | Cart Only    | 30                     | 72    | 1829 | 72     | 1829 | 17     | 432  | 2160   | 980  |
| CART-72120      | Cart Only    | 30                     | 72    | 1829 | 120    | 3048 | 17     | 432  | 3160   | 1433 |



# ENGINEERED SOLUTIONS



# A PERFECT FIT

## CUSTOMER SPECIFIC ENGINEERING

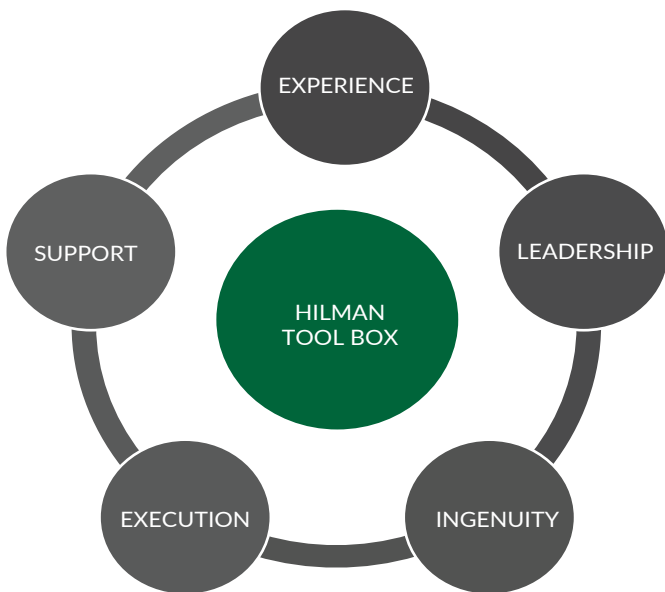
No matter how complex or time-sensitive your project is, Hilman will develop a solution custom-built for your unique application. Bring us your most challenging requirements and let our experienced team of engineers help solve the issues that are impacting your performance.



## CAPABILITIES

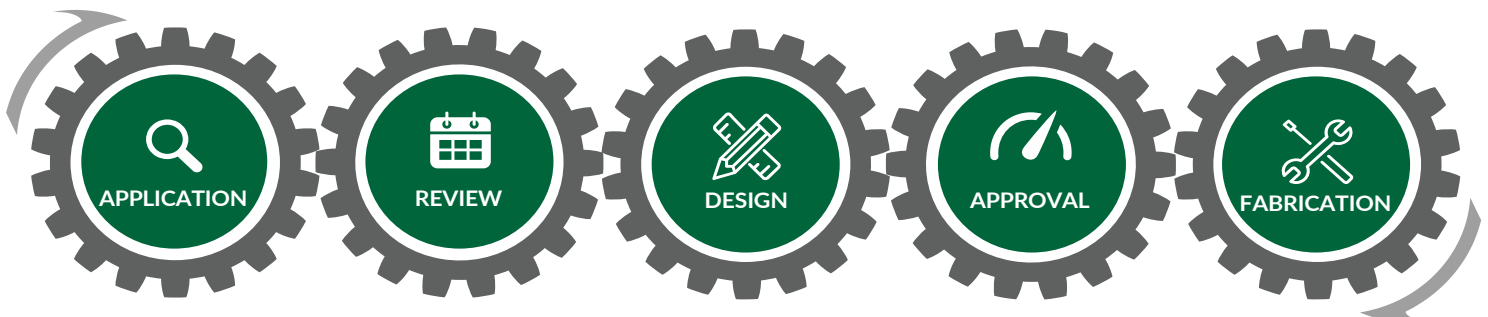
Our team is a group of thinkers, innovators, and problem solvers that partner with our customers throughout each phase of a project – design, engineering, manufacturing and installation - to ensure quality standards and customer expectations are met or exceeded.

Our customer support system is unparalleled in the industry and we continually strive to make improvements in every department to ensure quality and customer satisfaction.



## OUR PROCESS

Hilman designs, engineers and fabricates custom solutions for your project needs. Our engineers work closely with you and your team to ensure the optimal moving experience.



# APPLICATIONS

Hilman provides Custom Engineered Solutions to industries around the world.

## BRIDGE CONSTRUCTION



- Casting Yard Transfer
- Casting Machines
- Segment launching
- Roll-in entire spans
- Launching trusses
- Traveling formwork
- Segmental bridge forms
- Incremental Bridge Launching

## OFFSHORE WIND / ONSHORE ENERGY



- BOP, Xmas Tree Handling
- Cantilever Drill Skidding
- Deck & Jacket Loadout
- Module Installation
- Land Rig Skidding
- Lift and Roll Systems

## AEROSPACE/RESEARCH



- Radiation Shield Doors
- Magnets
- Reactors
- Submarines
- Wind Tunnels
- Space Rocket Transfer
- Cryostats
- Detectors & Modules
- Launch Towers

## SHIP/MARINE



- Drydock & Ship Transfer
- Ship and Barge Launch
- Yard Transfer
- Pipe & Cable Laying
- Ship Transfer Cradles

## POWER / NUCLEAR



- Transfer Cradles and Carts
- Transformer Installation
- Turntable Systems
- Decommissioned Vessels
- Thermal Expansion
- Switchgear
- Steam Generators
- Wind Power Machines
- Spent Fuel Conveying
- Hazardous Waste Casks

## OEM



- Quick Die Change Carts
- Bridge Arms - Cart to Press
- Storage Racks
- Just in Time Automation Systems
- Pre-staging carts
- Transfer Systems
- Coil Handling Equipment
- Die Lift Rollers
- Die Separators

## MOVING MACHINERY



- Heavy, Bulky Machinery
- Machine Servicing & Installation
- Assembly & Transfer Carts
- Heavy Materials Handling
- Displays
- Heavy Product Demonstrations
- Heavy Conveying

## BUILDINGS & STRUCTURES



- Essential Rigger and Millwright equipment
- Advancing Scaffolding
- Building Moves
- Large Monuments & Historical Structures
- Sliding Roofs
- Rolling Grandstands
- Container Cranes
- Drag-lines
- Specialized Gantry Cranes



# SWIVEL RAM ROLLER

Hilman Swivel Ram Rollers offer a safe, efficient, and cost-effective solution for moving heavy loads that require frequent direction changes and precise positioning.



## 360° ROTATION

Hilman Rollers Swivel Ram Rollers feature dual roller chains and an integrated lifting cylinder in one unit. In standard operation, the rollers make contact with the surface, allowing the load to move effortlessly. When you need to change direction or adjust the course, the lifting cylinder raises the load off the rollers, temporarily parking it. This allows the rollers to pivot 360-degrees for precise direction adjustment. Once the new direction is set, the cylinder lowers the load back onto the rollers, making it ready for travel in the new direction.

## APPLICATIONS

Swivel Ram Rollers can be used in many applications including Die Changes, X-Y Transfers, Track Intersection, Cart Transfers, Modular Moves, Heavy Rigging, Bridge Construction, Tight Areas and more!



## ACCU-ROLL

For enhanced control and flexibility during precision moves, Hilman Swivel Ram Rollers can be outfitted with Hilman Rollers Accu-Roll Guidance Systems. These systems allow for smooth travel on rail, I-beam, flat-bar, or channel tracks. Additionally, locking blocks and cylinders with various stroke sizes are available to further customize the system.

# MOTORIZED ROLLER

The Hilman Motorized Roller is a low-profile, high-capacity custom solution for permanent, repetitive movement of heavy objects.



## LOW PROFILE, HIGH CAPACITY

The motorized chain roller assembly is compact, self-sufficient, has a high load carrying capacity. It reduces the time and machinery necessary to transport heavy loads.

## SELF-PROPELLED

A motorized chain roller includes a frame, a special endless roller chain assembly, and two powered sprockets. Hydraulic or electric motors spin the sprockets, pulling the chain, resulting in smooth forward and backward movement.

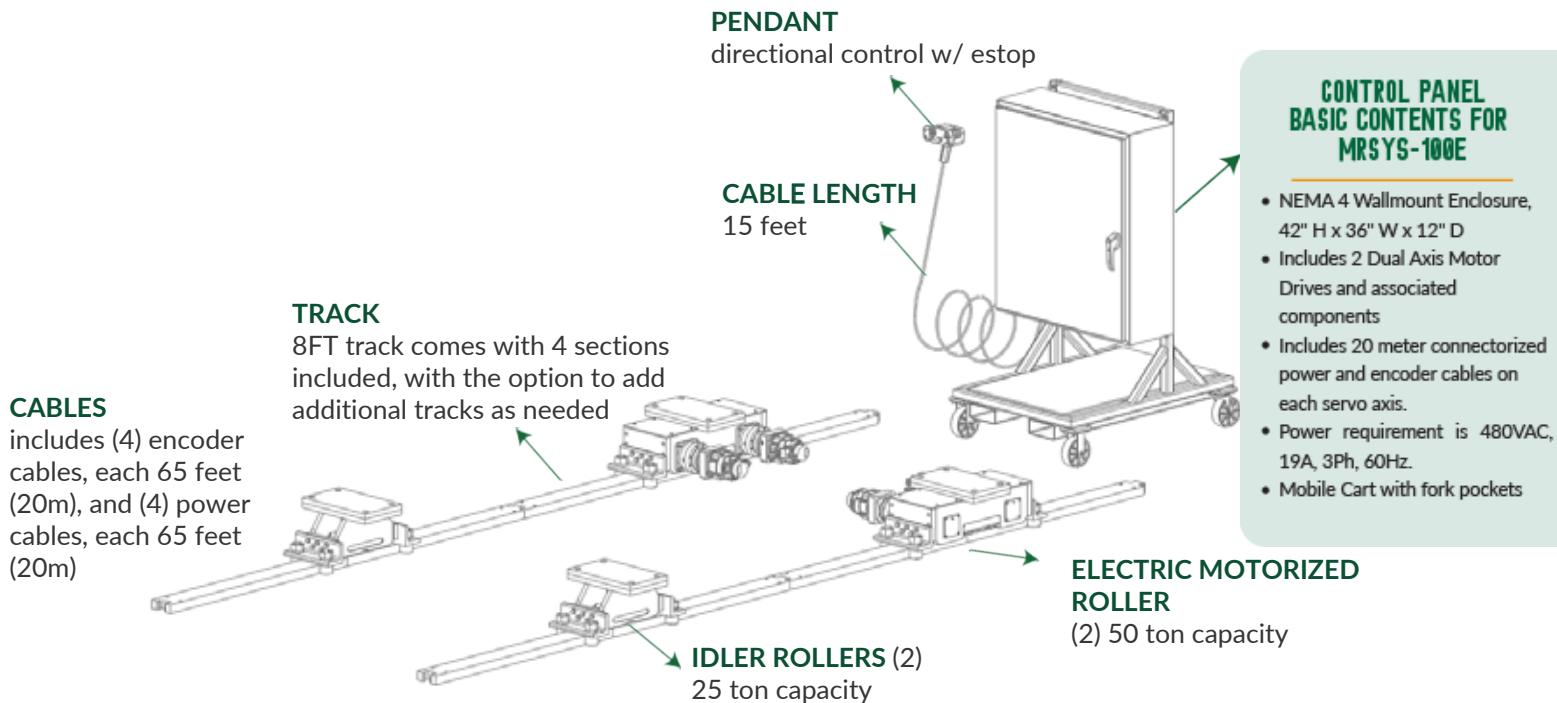


## FULL SYSTEMS

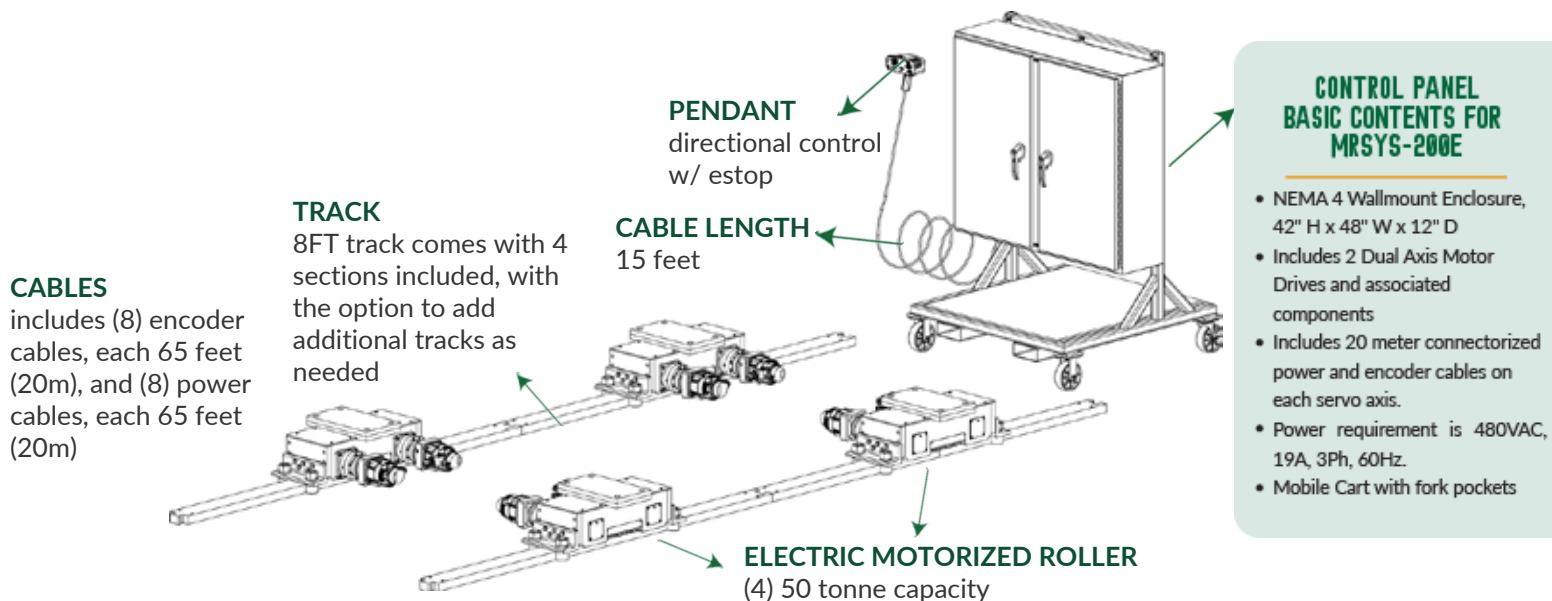
Hilman specializes in designing, fabricating, and supplying comprehensive load-moving systems. Our solutions include steel tracks, power units, and motorized rollers tailored for your next project. We offer customization options such as load capacity, speed, and the choice between electric or hydraulic motors.

# MOTORIZED ROLLER SYSTEMS

Hilman's Motorized Roller System, patented under US8672063B and EP636579B1, is engineered to revolutionize heavy equipment handling with unmatched versatility and efficiency. Available in two models, MRSYS-100E and MRSYS-200E, these systems are designed to streamline the movement of heavy machinery and loads across various industrial settings.



| Hilman Part # | Capacity | Maxium Travel Grade | Travel Speed |       | Motorized Roller Weight |        | Idler Roller Weight |        | Track Weight |       |
|---------------|----------|---------------------|--------------|-------|-------------------------|--------|---------------------|--------|--------------|-------|
|               |          |                     | (fpm)        | (mpm) | (lb)                    | (kg)   | (lb)                | (kg)   | (lb)         | (kg)  |
| MRSYS-100E    | 100      | 0.25%               | 15           | 4.5   | 2x 682                  | 2x 309 | 2x 288              | 2x 103 | 8x 119       | 8x 54 |



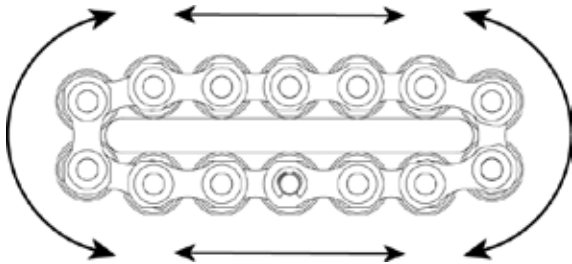
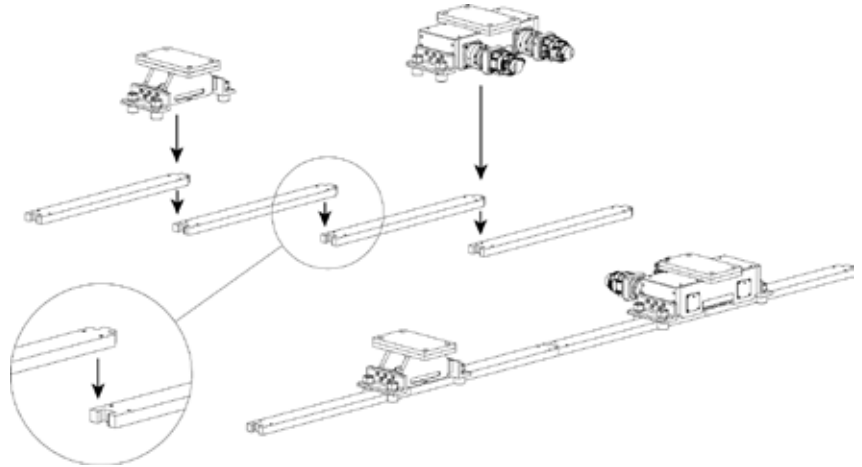
| Hilman Part # | Capacity | Maxium Travel Grade | Travel Speed |       | Motorized Roller Weight |        | Idler Roller Weight |      | Track Weight |       |
|---------------|----------|---------------------|--------------|-------|-------------------------|--------|---------------------|------|--------------|-------|
|               |          |                     | (fpm)        | (mpm) | (lb)                    | (kg)   | (lb)                | (kg) | (lb)         | (kg)  |
| MRSYS-200E    | 200      | 0.25%               | 15           | 4.5   | 2x 682                  | 2x 309 | -                   | -    | 8x 119       | 8x 54 |



# BENEFITS

## PORTABLE AND INTERLOCKABLE DESIGN

- System breaks down into components for easy transport and set up anywhere, enhancing operational flexibility.
- Skid track sections can be linked together, allowing for tailored configurations to meet the specific requirements of each job.

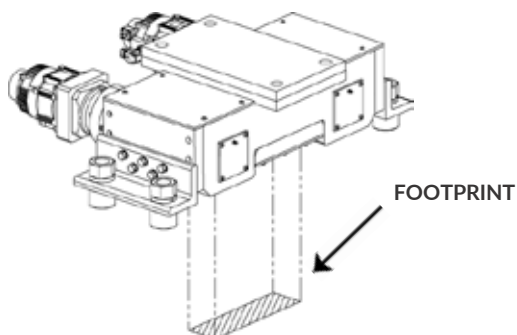
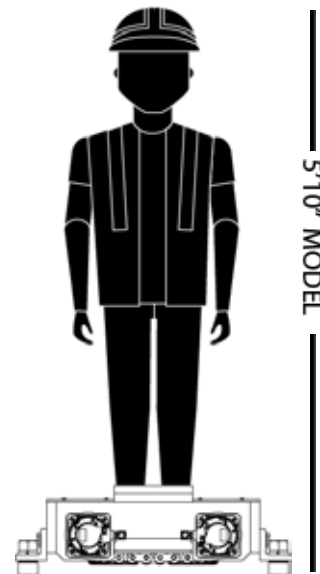


## CONTINUOUS MOVEMENT THROUGH ENDLESS CHAIN DESIGN

- Ensures smooth operation and high efficiency, reducing time spent on repositioning loads.

## LOW PROFILE ROLLERS

- Facilitates the easy moving and precise positioning of heavy machinery and equipment, minimizing effort and maximizing safety.



## LARGE LOAD FOOTPRINT

- The use of Multiple load bearing rolls in contact distributes the load over a greater area than single wheels. This reduces floor loading conditions

# CARTS

Hilman can supply custom steel fabrications for a variety of components to be integrated, or used in conjunction, with our heavy-duty rollers. We have designed and built several heavy-duty carts that utilize our rollers to move heavy equipment and materials.

## PRODUCTION, MANUFACTURING, DIE HANDLING



## LOW PROFILE TRANSPORTERS



## POWERED SYSTEMS





# HYDRAULIC INTEGRATION

Hilman can integrate hydraulic cylinders, either as motive force or to lift a load for a specific reason; or both. Motive Force can be applied in any number of ways. Solid chain-drive systems and/or hydraulic push-pull cylinders are just a couple of the solutions that Hilman has supplied with complete control systems for easy user interface.





# EXPERIENCE

Hilman designs, engineers, and manufactures complete turnkey solutions customized to meet your project needs. Our team of engineers collaborates closely with clients worldwide on unique projects, delivering products that integrate seamlessly into your application for a flawless move!

## THOUSANDS OF PROVEN DESIGNS!



## HILMAN WARRANTY

We warrant each new standard skate product\* to be free from material and manufacturing defects for a period of five (5) years when used as intended. The warranty commences with shipment of the product to the original user. All other products manufactured by Hilman Incorporated (Hilman) have a warranty period of one (1) year. Our obligation under this warranty is expressly limited, at our option, to replacement or repair at Marlboro, New Jersey 07746 USA, or at a service facility designated by us, of such part or parts as inspection shall disclose to have been defective. This warranty does not apply to defects caused by damage or unreasonable use or failure to provide reasonable and necessary maintenance while in the possession of the consumer. Consumables such as, poly and nylon wheels, pads and swivel locks are not covered by this warranty. Modifying, machining, welding or any significant changes to any of our product voids this warranty.

\*List of Standard Skate Products: FT, Nyton, ERS, OT, NT, T, SHD, TMS, BULL DOLLY, TRI-GLIDE, OMNI

WE SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES OF ANY KIND, including, but not limited to, consequential labor costs or transportation charges in connection with the replacement or repair of defective parts. We make no warranty with respect to trade accessories. They are subject to the warranties of their manufacturers.

THERE ARE NO WARRANTIES EXCEPT AS ABOVE STATED. HILMAN DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OF ITS GOODS OR WARRANTY OF THE FITNESS OF THOSE GOODS FOR ANY PURPOSE OR USE. Subject to the express warranty provided for the repair or replacement of defective goods, the customer acknowledges that it makes its purchase in reliance upon customers' inspection of the goods purchased from Hilman and not by reason of any representations made by or on behalf of Hilman.

We make no other express warranty, nor is anyone authorized to make any on our behalf. Any and all claims arising against Hilman or subsidiaries or affiliated firms concerning the use of our products shall be governed by the laws of the State of New Jersey in the USA.



HILMAN INC.  
12 Timber Lane  
Marlboro, New Jersey 07746  
USA  
Phone: +1-732-462-6277  
E-mail: [sales@hilmanrollers.com](mailto:sales@hilmanrollers.com)  
Website: [www.hilmanrollers.com](http://www.hilmanrollers.com)

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