

Heavy duty range of reachstackers

HRS1200-3800 Range
120-380T (264-837klbs)





A true heavy duty lifter

Kalmar in partnership with CES has just extended your heavy duty lifting capabilities to titanic proportions.

This new range has lifting capacities from 120 tonnes (264klbs) to 380 tonnes (837klbs) with more capacity, at longer load centres, with more outreach and increased lift heights that is mobile, versatile and ideal for the wind, energy, metal, concrete and other super heavy lifting applications.

Versatility built in

With 6 lift hook models and 3 tool carrier models, we offer all the capacity you need, with outreach of 8-11 m (26-36ft) and lift heights of 13-18 m (43-59ft). This means that you have a very versatile solution that can safely lift and transport the heaviest loads both inside and out when fitted with either single lift hook or tool carrier (with 4 lift hooks or 4 twistlocks). For your extremely long cargo - long and heavy loads like wind tower sections, two machines can work together to move your load efficiently and safely, with twice the capacity.



Heavy duty lifting segments and applications:



Wind

- Onshore & Offshore
- Plate handling
- Flange rings
- Bearing units
- Foundations
- Semi-sections
- Tower sections
- Semi-sections
- TPS stations
- Power cable reels



Hydro

- Hardware
- Power cables



Metal

- Plates & slabs
- Foundry-cast
- Shipyard
- Fabrication



Concrete

- Wavebreakers
- Sections



Oil & Gas

- Hardware
- Pipe-on-reel



Mining

- Rocks



Ports

- Project cargo



Fit for purpose



A unique design

To be able to lift extremely heavy loads you need a unique design that is fit for purpose which is why the CES Heavy Duty Range comes with either a long-fixed wheelbase of 10 metres or a unique extendable wheelbase that goes from 9-12m (29-39ft) up to 13-18m (43-59ft). Coupled with the strong 2 or 3-piece chassis that is supported by 2-to-5 extra big front wheels and 2 or 4 big rear wheels to get that extra reach and capacity. A combination that allows you to lift those super heavy loads up to 380 tonnes (837klbs).

Efficient to the core

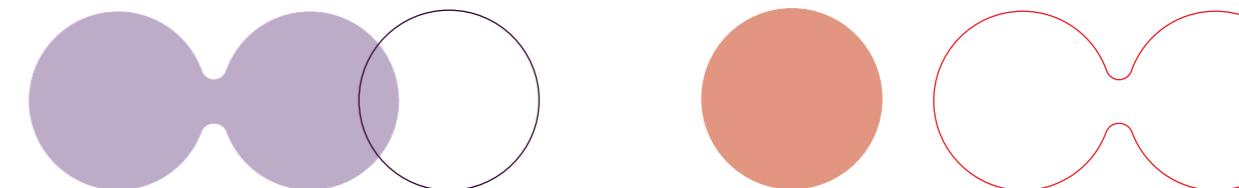
Powered by a hydrostatic drive combining the latest Volvo or Cummins engine technology with Bosch-Rexroth hydraulics you'll get a super heavy lifter that is surprisingly fuel efficient compared to traditional diesel solutions. Plus, with a common box design across the whole range including the engine, tanks, hydraulics, cooling and filters you'll be able to efficiently service and maintain your equipment.

Designed for the driver

When handling super heavy loads, visibility is key, which is why the spacious cabin with great forward and rear visibility is fitted with front and reverse cameras as standard which can be displayed on one or two colour monitors so your driver is always aware of what is going on around them. Coupled with a state of the art control system and operator interface your driver will always feel in complete control.

Global support and service

Kalmar's global network of sales, service and support teams will be there to help keep your equipment moving and support you. Kalmar can take responsibility for the service and maintenance of your equipment and will have in stock a comprehensive range of genuine spare parts should they be needed.



Specifications

Z Range with single lift hook, max capacity from 120-380T (264-837klbs)

| Model | Capacity at load centre | | | | | | | | | | Wheelbase | | Machine | | Driveline | | | | | | | | | |
|---------------------------|-------------------------|------|------|------|------|------|------|------|------|------|-----------|------|---------|------|-----------|-------|-------------|--------|--------|--------|--------|--------|-------|--------|
| | CES-HRS designation | | | | | 2m | 4m | 6m | 8m | 10m | 6.5' | 13' | 20' | 26' | 33' | Short | Long | Weight | Engine | Power | | Torque | | Volume |
| | tons | tons | tons | tons | tons | klbs | klbs | klbs | klbs | klbs | m | ft | m | ft | tons | klbs | Model | kW | hp | Nm | lb/ft | lt | cu.in | |
| HRS-1200/900-10 (slim) | 120 | 90 | 65 | 50 | 40 | 264 | 198 | 143 | 110 | 88 | 10 | 33 | - | - | 128 | 282 | TAD-11X2-VE | 285 | 388 | 1938 | 1429 | 10.8 | 661 | |
| HRS-1500/1250-10 (slim) | 150 | 125 | 93 | 72 | 58 | 330 | 330 | 308 | 286 | 128 | 10 | 33 | - | - | 139 | 306 | TAD-13X5-VE | 405 | 551 | 2650 | 1954 | 12.8 | 780 | |
| HRS-1800/1500-9/12 (slim) | 180 | 150 | 111 | 86 | 70 | 396 | 396 | 363 | 330 | 150 | 9 | 29.5 | 12 | 39.5 | 150 | 330 | TAD-13X5-VE | 405 | 551 | 2650 | 1954 | 12.8 | 780 | |
| HRS-2300/2000-12/16 | 230 | 200 | 143 | 114 | 0 | 506 | 440 | 314 | 252 | 0 | 12 | 39.5 | 16 | 52.5 | 174 | 383 | TAD-13X5-VE | 405 | 551 | 2650 | 1954 | 12.8 | 780 | |
| HRS-2800/2500-12/16 | 280 | 250 | 182 | 141 | 117 | 616 | 550 | 400 | 310 | 258 | 12 | 39.5 | 16 | 52.5 | 212 | 467 | TAD-13X5-VE | 405 | 551 | 2650 | 1954 | 12.8 | 780 | |
| HRS-3800/3500-13/18 | 380 | 350 | 276 | 216 | 176 | 837 | 771 | 608 | 476 | 388 | 13 | 42.5 | 18 | 59 | 301 | 663 | TAD-11X2-VE | 2X285 | 2x388 | 2X1938 | 2x1429 | 2X10.8 | 2x661 | |

A Range with hydraulic tool carrier, max capacity 100T / 85T (220-187klbs)

| Model | Capacity at load centre | | | | | | | | | | Wheelbase | | Machine | | Driveline | | | | | | | | | |
|---------------------------|-------------------------|------|------|------|------|------|------|------|------|------|-----------|------|---------|------|-----------|-------|-------------|--------|--------|-------|-------|--------|-------|--------|
| | CES-HRS designation | | | | | 2m | 4m | 6m | 8m | 10m | 6.5' | 13' | 20' | 26' | 33' | Short | Long | Weight | Engine | Power | | Torque | | Volume |
| | tons | tons | tons | tons | tons | klbs | klbs | klbs | klbs | klbs | m | ft | m | ft | tons | klbs | Model | kW | hp | Nm | lb/ft | lt | cu.in | |
| HRS-1200/900-10 (slim) | 100 | 83 | 58 | 43 | 33 | 220 | 183 | 128 | 94 | 73 | 10 | 33 | - | - | 134 | 295 | TAD-11X2-VE | 285 | 388 | 1938 | 1429 | 10.8 | 661 | |
| HRS-1500/1250-10 (slim) | 100 | 100 | 86 | 65 | 51 | 220 | 220 | 189 | 144 | 112 | 10 | 33 | - | - | 144 | 320 | TAD-13X5-VE | 405 | 551 | 2650 | 1954 | 12.8 | 780 | |
| HRS-1800/1500-9/12 (slim) | 100 | 100 | 100 | 79 | 63 | 220 | 220 | 220 | 174 | 140 | 9 | 29.5 | 12 | 39.5 | 155 | 344 | TAD-13X5-VE | 405 | 551 | 2650 | 1954 | 12.8 | 780 | |





Kalmar

www.kalmar.com

Published by Kalmar. Copyright © Kalmar Corporation 2024.
All rights reserved.

