

Hooklifts

PALFINGER



HOOKLIFT - The innovative versatile container transfer system.

PALFINGER American Roll-Off offers the widest range of capacities, starting at 10,000 lb. up to 68,000 lb. including the industry's only semi-trailer system.



HAS Series

10,000 - 20,000 lb. capacity

HIGHLIGHTS:

- Simple design for easy operation and lower cost.
- Stable dual main cylinders and sliding jib.
- User friendly, automatic pickup, can pick up container up to 30° either side of center.
- Inside controls for safe, efficient operation.
- Designed and manufactured in the US.



SPECIFICATIONS:

Model	100 S	100 L	150	200 SS	200 S	200 M	200 L
Capacity	10,000 lb.	10,000 lb.	15,000 lb.	20,000 lb.	20,000 lb.	20,000 lb.	20,000 lb.
Container length	10' - 12'	11' - 13'	12' - 14'	10' - 14'	10' - 14'	12' - 15'	12' - 16'
Jib height:	36-1/4"	36-1/4"	36-1/4"	36-1/4"	54"	54"	54"
Dump angle:	50° - 38°	52° - 46°	52° - 43°	54° - 43°	54° - 43°	50° - 42°	50° - 42°
Operating pressure:	2,800 psi	2,800 psi	2,800 psi	2,800 psi	2,800 psi	2,800 psi	2,800 psi

CHASSIS SPECIFICATIONS:

Hoists model	Min. CA/CT	Platform Length	Min. GVWR	Min. F/R Susp.	Min. RBM
HAS 100 S	84" - 96"	126"	17,500 lb.	6K / 13.5K	500,000 in.lb.
HAS 100 L	96" - 108"	144"	17,500 lb.	6K / 13.5K	500,000 in.lb.
HAS 100 S SD	84" aft tank	132"	17,500 lb.	6K / 13.5K	500,000 in.lb.
HAS 100 L SD	108" aft tank	156"	17,500 lb.	6K / 13.5K	500,000 in.lb.
HAS 150	108" - 120"	156"	19,500 lb.	6K / 13.5K	500,000 in.lb.
HAS 200 SS	108" - 120"	156"	26,000 lb.	8K / 18K	900,000 in.lb.
HAS 200 S	120"	155"	26,000 lb.	8K / 18K	900,000 in.lb.
HAS 200 M	120" - 130"	178"	26,000 lb.	8K / 18K	900,000 in.lb.
HAS 200 L	130" - 140"	182"	26,000 lb.	8K / 18K	900,000 in.lb.

HAD Series

13,000 - 20,000 lb. capacity

HIGHLIGHTS:

- Dual pivot design provides unrestricted full angle dumping.
- Stable dual main cylinders with sliding jib to accommodate short containers and adjust weight distribution.
- Patented "floating jib" eliminates all electrical or hydraulic valve dump latch interlocks.
- User friendly in cab controls, automatic pickup and power on/power off operation.
- Designed and manufactured in the US.



SPECIFICATIONS:

Model	130 S	130 L	185	200 M	200 L
Capacity	13,000 lb.	13,000 lb.	18,500 lb.	20,000 lb.	20,000 lb.
Container length	8' - 12'	9' - 13'	10' - 14'	10' - 14'	12' - 16'
Jib height:	36-1/4"	36-1/4"	36-1/4", 54"	54"	54"
Dump angle:	58°	54°	58°	58°	56°
Operating pressure:	2,800 psi	2,800 psi	2,800 psi	2,800 psi	2,800 psi

CHASSIS SPECIFICATIONS:

Hoists model	Min. CA/CT	Platform Length	Min. GVWR	Min. F/R Susp.	Min. RBM
HAD 130 S	84" - 96"	130"	19,500 lb.	6K / 13.5K	500,000 in.lb.
HAD 130 L	108" - 120"	140"	19,500 lb.	6K / 13.5K	500,000 in.lb.
HAD 185	120" - 130"	150"	26,000 lb.	8K / 18K	900,000 in.lb.
HAD 200 M	108" - 110"	158"	26,000 lb.	8K / 18K	900,000 in.lb.
HAD 200 L	130" - 140"	181"	26,000 lb.	8K / 18K	900,000 in.lb.

HAD 250/300

25,000 - 30,000 lb. capacity

HIGHLIGHTS:

- Dual pivot design provides unrestricted full angle dumping.
- Stable dual main cylinders with sliding jib to accommodate short containers and adjust weight distribution.
- Patented "floating jib" eliminates all electrical or hydraulic valve dump latch interlocks.
- User friendly in cab controls, automatic pickup and power on/power off operation.
- Designed and manufactured in the US.



SPECIFICATIONS:

Model	250 S	250 M	300 S	300 M
Capacity	25,000 lb.	25,000 lb.	30,000 lb.	30,000 lb.
Container length	12' - 16'	14' - 18'	12' - 16'	14' - 18'
Jib height:	54"	54"	61-3/4"	61-3/4"
Dump angle:	56°	39°	56°	49°
Operating pressure:	2,800 psi	2,800 psi	2,800 psi	2,800 psi

CHASSIS SPECIFICATIONS:

Hoists model	Min. CA	Min. CT	Platform Length	Min. GVWR	Min. F/R Susp.	Min. RBM
HAD 250 S	132" - 140"	N/A	183"	33,000 lb.	12K / 21K	1,000,000 in.lb.
HAD 250 M	160" - 170"	N/A	203"	33,000 lb.	12K / 21K	1,000,000 in.lb.
HAD 300 S	N/A	126" - 132"	183"	52,000 lb.	12K / 40K	1,500,000 in.lb.
HAD 300 M	N/A	148" - 154"	203"	52,000 lb.	12K / 40K	1,500,000 in.lb.

T 40

40,000 lb. capacity

HIGHLIGHTS:

- Dual series jib
- Formed "Z" rail main frame yields high strength to weight ratio
- Tandem rear rollers
- Optional, rear roller stabilizer



SPECIFICATIONS:

- | | | |
|-----------------------|---------------|---------------|
| • Model | 40 S | 40 L |
| • Capacity | 40,000 lb. | 40,000 lb. |
| • Container length | 14' - 18' | 16' - 22' |
| • Jib height: | 54" / 61-3/4" | 54" / 61-3/4" |
| • Dump angle: | 50° | 48° |
| • Operating pressure: | 4,500 psi | 4,500 psi |

CHASSIS SPECIFICATIONS:

Hoists model	Min. CA/CT	Platform Length	Min. GVWR	Min. F/R Susp.	Min. RBM
T 40 S	135" - 145"	212"	54,000 lb.	14K / 40K	2,000,000 in.lb.
T 40 L	180" - 190"	253"	54,000 lb.	14K / 40K	2,000,000 in.lb.

T 50 - HAD 500 - T 60

50,000 - 60,000 lb. capacity

HIGHLIGHTS:

- Dual series jib
- Formed "Z" rail main frame yields high strength to weight ratio
- Tandem rear rollers
- Rear roller stabilizer, standard on T 60, optional on T 50 & HAD 500



SPECIFICATIONS:

• Model	T 50	HAD 500	T 60
• Capacity	50,000 lb.	50,000 lb.	60,000 lb.
• Container length	16' - 22'	16' - 22'	16' - 22'
• Jib height:	54" / 61-3/4"	54" / 61-3/4"	54" / 61-3/4"
• Dump angle:	48°	48°	48°
• Controls:	Electric over air, 2 speed	Full air proportional	Electric over air, 2 speed
• Container rail width:	36-1/2" - 37-1/4"	36-1/2" - 38-1/2"	36-1/2" - 37-1/4"
• Pump:	Piston, direct mount	Piston, direct mount	Piston, direct mount
• Dump interlock:	Electric, proximity switch	Patented, floating jib	Electric, proximity switch
• Operating pressure:	4,500 psi	4,500 psi	4,500 psi

CHASSIS SPECIFICATIONS:

Hoists model	Min. CA/CT	Platform Length	Min. GVWR	Min. F/R Susp.	Min. RBM
T 50	185 - 195"	253"	64,000 lb.	20K / 46K	2,750,000 in.lb.
HAD 500	185 - 195"	253"	64,000 lb.	20K / 46K	2,750,000 in.lb.
T 60	185 - 195"	253"	64,000 lb.	20K / 46K	2,750,000 in.lb.

G 68

68,000 lb. capacity

HIGHLIGHTS:

- Industries highest capacity hoists
- Industries only semi trailer hooklift
- Only hooklift to handle containers up to 40' in length



SPECIFICATIONS:

• Model	G 68	G 68H*	G 68 HA	G 68 HAX
• Capacity	68,000 lb.	68,000 lb.	68,000 lb.	68,000 lb.
• Container length	18' - 23'	22' - 30'	22' - 30'	30' - 40'
• Jib height:	61-3/4"	61-3/4"	61-3/4"	61-3/4"
• Dump angle:	47°	45°	45°	45°
• Operating pressure:	4,500 psi	4,500 psi	4,500 psi	4,500 psi
• Recommended chassis:	Straight truck	Semi Trailer	Semi Trailer	Semi Trailer
• Recommended CT:	195" - 205"	N/A	N/A	N/A



Rear roller stabilizer



Note(*): Intended for double trailers when using maximum of 28' containers

Manufacturing



Automated Waste Equipment, a family owned business started as a distributor of waste equipment. The company soon began manufacturing its own equipment – two yard compactors were first on the horizon.

The company entered the Rolloff market in 1982 by introducing its American Rolloff line. An expansion in 1997 was a key factor in developing a line of hookloaders. The Hooklift opened a new market outside the waste industry for customers in need of a

truck with multiple uses. Now landscapers, contractors, and municipalities have the advantage of quick-change bodies.

Palfinger American Rolloff (PARO) is an innovative leader in the manufacture of container handling equipment. With a dedicated staff and 67,000 square feet of manufacturing and installation facility, we are prepared to accept the challenge of future growth and product development. With the support of Palfinger and a nation-wide dealer

network we are now in the position to strive for the number 1 position in the North American container handling solutions market.

Automated Waste was acquired by PALFINGER in July 2009.

PALFINGER American Roll-Off is a proud member of the PALFINGER North America Group.

Manufacturing techniques



Proud to be American starts in our plant. Hiring the finest craftsmen and using the highest quality materials is why the American Roll Off name is the bull of the industry and the choice of customers nationwide.



Experienced in house machinists make sure every product has the highest quality & durability. Using computer aided design and the latest CNC machines assures the customer long equipment life.



Using jigs & fixtures to manufacture our products allows for consistency in parts and products. This makes sure each and every model gives the strength it needs to handle the pounding they receive on the route.