## **GALBREATH QUALITY**

## **Standard Features**



**FRONT STOP REAR STOP** The front and rear stops help lock the container for forward and backward motion.



"Plug n' Play" wiring system eliminates crossed wires, loose connections, corrosion and splices; allows for easy light replacement



**OIL RESERVOIR** Oil reservoir is filter cart ready, reducing maintenance costs



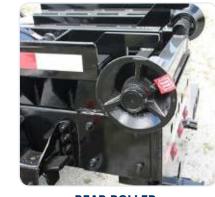
Hoist frames are huck bolted to chassis, providing unmatched strength and durability (factory mount only)



**CONTAINER HOOKS** Container Jib Hook meets DOT requirements for front container securement



**TOOL BOX** The optional tool box comes in 20" x 16" x 24" long, 48" long steel and 36" long poly box



**REAR ROLLER** Optional Rear rollers aid in loading and unloading the container



**REESE RECEIVER / PINTLE HOOK** 

Option- 2" receiver 3,000lb vertical load, 16,000lb gross trailer weight with LED light bumper . Pintle hook option comes with gladhands. The truck must have a trailer package at the rear (20k vertical and 100k tow rating)

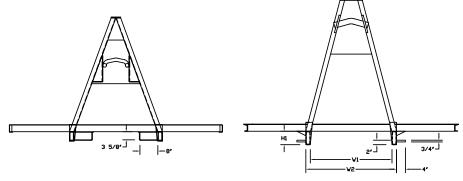
## **TRUCK SPECIFICATIONS BY MODEL**

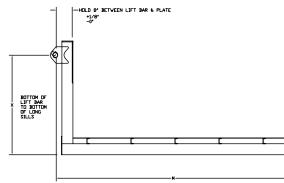
#### ALL MODELS EXCEPT U9-HK-84 & U9-HK-120 ONLY

- Front axle: 8,000 lbs. (min.) capacity with power steering
- Rear axle: 18,000 lbs. (min.) capacity
- 50,000 psi or more chassis frames
- Minimum section modulus = 15.5 in.<sup>3</sup>

## **CONTAINER REQUIREMENTS**

Inside Rear Hold Downs





Compatible hoist model	Lift bar diameter	Hook height	Distance from back of lift bar to front of rear hold down	Rear hold downs (inside/ outside)	Inside width of long sills (min.)	Outside width of long sills (max.)	Long sill height (min.)	
		X dim.	M dim.		W1 dim.	W2 dim.	H1 dim.	
U9-HK	1 1/2″	35 1/2" - 36"	95 1/4"	Inside	37 1/2″	41 1/2″	4 1/4″	
U13-HK U20/13 HK	1 1/2″	35 1/2" - 36"	138″	Inside	37 1/2″	41 1/2″	4 1/4″	
U20/13 HK U20-HK U30-HK	2 1/2″	54″	127 1/2″	Outside	36 1/2″	41 3/4″	6"	

# **WASTEQUIP**

#### Tel: 800.285.0666 | sales@wastequip.com | www.wastequip.com

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#### MODELS U9-HK-84 & U9-HK-120 ONLY

- Front axle: 6,000 lbs. (min.) capacity with power steering
- Rear axle: 12,000 lbs. (min.) capacity
- 50,000 psi or more chassis frames
- Minimum section modulus = 10.7 in.<sup>3</sup>

outside rear hold downs

## SINGLE PIVOT HOOK HOIST



Galbreath single pivot hook hoists features a universal fit for nearly any chassis. The simple design of the single pivot hook hoist means fewer moving parts and less maintenance.

SINGLE PIVOT SERIES

## STANDARD FEATURES

#### Ease of operation

- Centered cab-mount Power Tower
- Plug n' Play wiring system
- Roller stools
- Standard inside and outside air controls

### Safety

- Heavy-duty safety props
- Backup alarm and hoist up alarm with signal light on dash
- Stationary rear hold downs
- Optional hoist up speed-limiting parameters

### Quality

- Lean manufacturing process, along with engineering, solid modeling and stress analysis testing, ensure quality, consistent product every time
- Customized engineering layouts are created based on customers' chassis to ensure compatibility

#### Durability

- 3 micron filtration system with dual viscosity oil
- Two part epoxy primer and paint\*
- Hoist frames are huck bolted to chassis\*
- Steel oil reservoir is filter cart ready
- Bumper with recessed LED lighting
- Direct mount pump
- Rubber mounted sealed lights
- Pivot joints feature hardened steel bushings and grease fittings
- Outboard supported upper lift shaft
- Lifetime warranty on frame and two-year warranty on hydraulics

## AVAILABLE OPTIONS

» 9,000 to 30,000 lb.

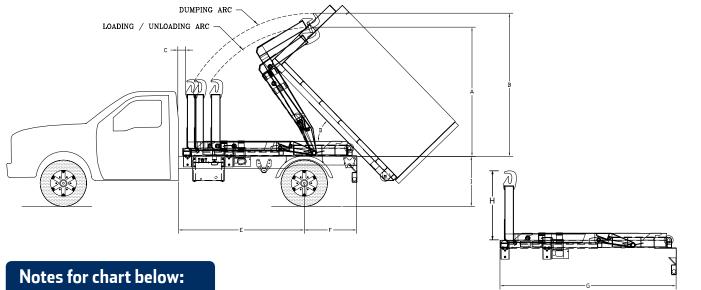
Container lengths from 6' to 20'

capacity

- Lift axles
- Tires and rims
- Hydraulic/wet kits
- Air compressors for non-air chassis
- Additional lighting
- Bumpers, pintle hooks and reese hitches
- Various fender selections
- Toolboxes



# SPECIFICATIONS



- 1 Factory tested with recommended container length and water level load
- 2 When recomennding container lengths, weight distribution, dump angle and overhang are factors
- **3** Noted container lengths will overhand between 24" and under 48". Consult sales representative for additonal details.
- 4 Total maximum height will depend on container. Consult engineering for clearance
- 5 Consult engineering for best configuration
- Notes: <sup>1</sup>U20- HK 35 1/2 HK HT- 10'-44° / 12'-57° / 14'-44° / 12'-50° / 14'-42° / 16'-36°

FEATURES							
Cross members	Structural tubing 62,000 lbs. min. tensile A500 Grade C						
Main frame	Structural tubing 62,000 lbs. min. tensile A500 Grade C						
Jib frame	A514 T-1 and structural tubing A500 Grade C						
Pivot tube	A514 T-1 and structural tubing A500 Grade C						
Pickup hook	A514-T-1 100,000 psi min. yield						
Lift cylinder shafts	1 1/2" solid (64,000 lb. tensile min.)						
Hinge shaft	2" solid (64,000 lb. tensile)						
Jib bearing	A514T-1 100,000 psi minimum yield bar						

consult sales representative for additiona		<sup>2</sup> U20- HK 54' HK HT	- 12'-50° / 14'-42° / 16'-35°								I	u
	U9-HK-84	U9-HK-120	U13-HK-120	U13-HK-132 / 144	U20-HK-120	U20-HK-132 / 144	U30-HK-138	U30-HK-156	U30-HK-176	U20/13-HK-120	U20/13-HK-132	U20/13-HK-144
commended container length	6'-10'	9'-12'	10'-14' / 12'-16'	12'-16'	10'-14' / 12'- 16'	12'-16'	12'-16' / 14'-18'	14'-18' / 16'-20'	16'-20'	10'- 14' / 12'-16'	12'-16'	12′-16′
ted capacity	9,000 lbs.	9,000 lbs	13,000 lbs	13,000 lbs	20,000 lbs	20,000 lbs	30,000 lbs	30,000 lbs	30,000 lbs	13,000 lbs / 20,000 lbs	13,000 lbs / 20,000 lbs	13,000 lbs / 20,000 lbs
cle times (seconds)												
Extending dump	26.37 (at 17.5 gpm)	26.37 (at 17.5 gpm)	30 (at 37.5 gpm)	30 (at 37.5 gpm)	30 (at 37.5 gpm)	30 (at 37.5 gpm)	31 (at 37.5 gpm)	31 (at 37.5 gpm)	31 (at 37.5 gpm)	14 (at 37.5 gpm)	14 (at 37.5 gpm)	14 (at 37.5 gpm)
Retracting dump	16.88 (at 17.5 gpm)	16.88 (at 17.5 gpm)	19 (at 37.5 gpm)	19 (at 37.5 gpm)	19 (at 37.5 gpm)	19 (at 37.5 gpm)	20 (at 37.5 gpm)	20 (at 37.5 gpm)	20 (at 37.5 gpm)	9 (at 37.5 gpm)	9 (at 37.5 gpm)	9 (at 37.5 gpm)
Extending jib	4 (at 17.5 gpm)	4 (at 17.5 gpm)	4 (at 37.5 gpm)	4 (at 37.5 gpm)	4 (at 37.5 gpm)	4 (at 37.5 gpm)	4 (at 37.5 gpm)	4 (at 37.5 gpm)	4 (at 37.5 gpm)	2 (at 37.5 gpm)	2 (at 37.5 gpm)	2 (at 37.5 gpm)
Retracting jib	2 (at 17.5 gpm)	2 (at 17.5 gpm)	2 (at 37.5 gpm)	2 (at 37.5 gpm)	2 (at 37.5 gpm)	2 (at 37.5 gpm)	3 (at 37.5 gpm)	3 (at 37.5 gpm)	3 (at 37.5 gpm)	31 (at 37.5 gpm)	31 (at 37.5 gpm)	31 (at 37.5 gpm)
Max. hook height above truck frame loading/unloading	86 5/16″	85 1/16″	91 7/8"	91 7/8"	106″	106″	119 3/16″	119 3/16″	119 3/16″	107" / 96"	107"/96"	107"/96"
Max. hook height above truck frame dumping	95 11/16″	104 5/16″	120 1/4″	120 1/4″	131 5/8″	131 5/8″	156 3/16″	156 3/16″	156 3/16″	132"/ 124"	132"/ 124"	132"/124"
Cab to hoist	5″	8″	3 1/2″	3 1/2″	2 1/4″	2 1/4″	3 1/2″	3 1/2"	3 1/2″	2 1/4"	2 1/4″	2 1/4″
Dump angle	6'-60° / 8'-74° / 10'-62°	9′-64° / 10′-57° / 12′-46°	10'-56° / 12'-56° / 14'- 49° 12'-59° / 14'-48° / 16'-40°	42°	10'-56° / 12'-56° / 14'-42° 12'-49° / 14'-42° / 16'-35°	12'-50° / 14'-42° / 16'-35°	12'- /14'-	14'- /16'	38°	(U13- HK 35 1/2 HK HT) 10'-56° / 12'-68° / 14'-59 1/2° 12'-61° / 14'-51° / 16'-41° * See Note 1	(U13- HK 35 1/2 HK HT) 12'-60° / 14'-50° / 16'-41° * See note <sup>2</sup>	(U13- HK 35 1/2 HK HT) 12'-60° / 14'-50° / 16'-41° *See note <sup>2</sup>
Cab to axle	84″	120″	120″	132" / 144"	120″	132" / 144"	138″	156″	176″	120″	132″	144″
After frame	35″	35″	38 1/2" / 62 1/2"	50 1/2"/ 38 1/2"	38 1/2" / 62 1/2"	50 1/2"/ 38 1/2"	44 3/4' / 68 3/4"	50 3/4″	54 3/4″	38 1/2" / 63 1/2"	50 1/2″	38 1/2″
Hoist length	116 1/4″	144 13/16″	155″	179″	155 5/8″	179 5/16″	179 3/16″	203 3/8″	227 3/8″	156″	180″	180″
Hook height	36″	36″	36″	36″	54″	54″	54″	54″	54″	54"/36"	54"/36"	54"/36"
Frame height	33 1/2" or less	33 1/2" or less	44 1/4" or less	44 1/4" or less	51 3/4" or less	51 3/4" or less	50 1/4" or less	50 1/4" or less	50 1/4" or less	40 1/2" or less	40 1/2" or less	40 1/2" or less
t cylinders	5" x 3" x 45	5" x 3" x 45	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52	5" x 3" x 52
cylinder	3″ x 2″ x 16 1/4	3″x 2″x 16 1/4	3" x 2" x 37	3" x 2" x 37	3" x 2" x 37	3″x 2″x 37	3"× 2"× 37	3" x 2" x 37	3" x 2" x 37	3" × 2" × 37	3" × 2" × 37	3"x 2"x 37
prox. weight	2,060 lbs.	2,460 lbs	2,758 lbs	2,758 lbs	3,719 lbs	3,719 lbs	3,719 lbs	3,719 lbs	3,719 lbs	3,719 lbs	3,719 lbs	3,719 lbs

HYDRAULIC SYSTEM							
Gear pump	17.5 gpm at 1,500 RPM direct mount						
Hydraulic valve	Outside control levers with proportional controls with air operated steel reservoir with 10 micron air breather, 3 micron in-tank return filter and fille, sight gauge with temperature gauge						
Steel reservoir	10 micron air breather, 3 micron in-tank return filter and filler, sight gauge with temperature gauge						
Lifting cylinders	5" 4,000 psi lifting cylinders with built-in counterbalance valves						
Jib cylinder	3" 4,000 psi jib cylinder with built-in counterbalance valve						
Operating pressure	3,800 psi						
Jib bearing	A514T-1 100,000 psi minimum yield bar						

