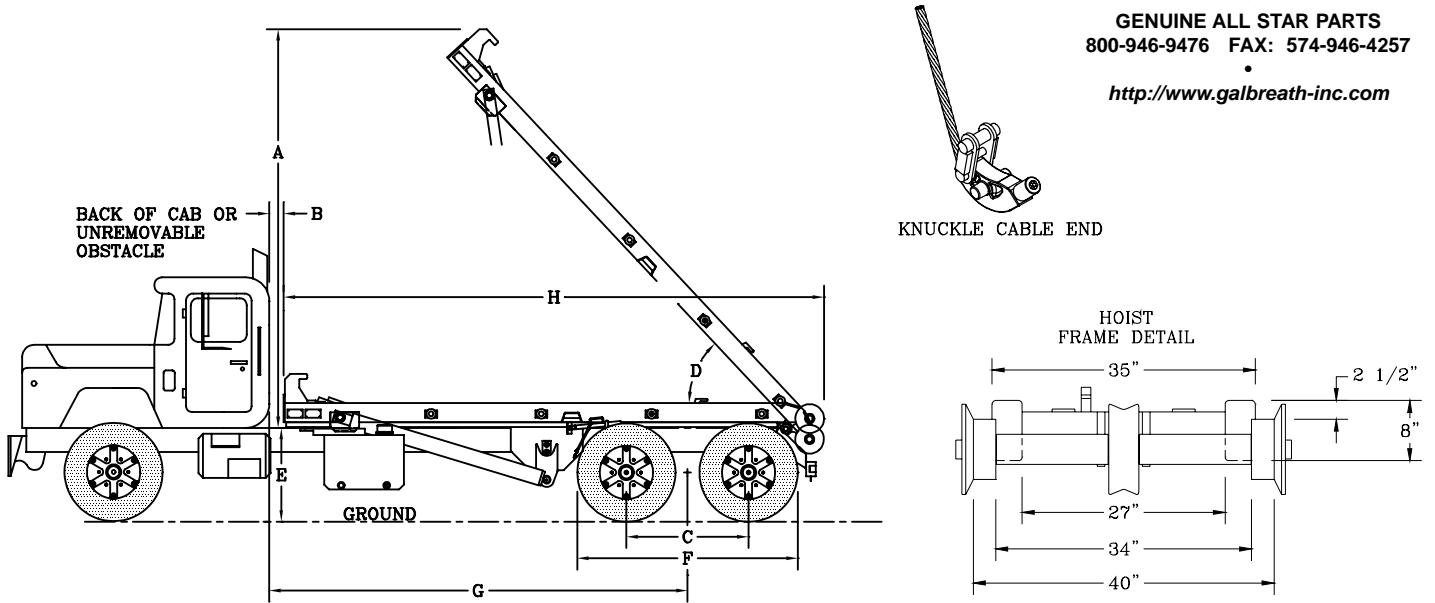


Specifications

Deadlift "HH" Model Hoists



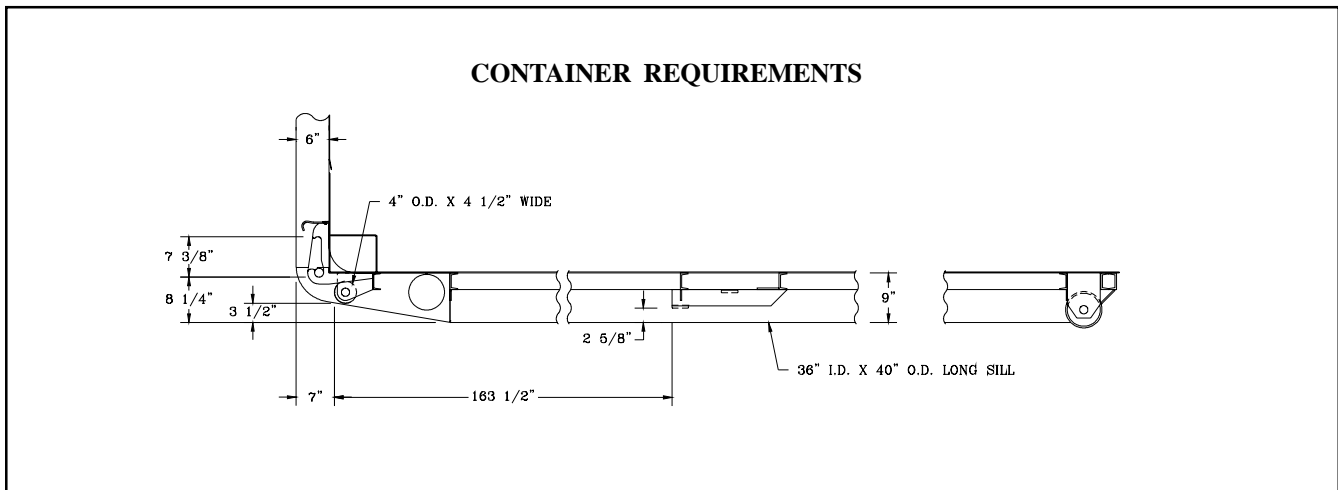
	SINGLE AXLE	TANDEM AXLE								
HOIST MODELS	U3-HH-138	U4-HH-156	U5-HH-156	U4-HH-174	U5-HH-174	UT-HH-174	U5-HH-194	UT-HH-194	UM-HH-194	
A-Approx. Ht. Above Frame (5)	147"	153"	166"	166"	166"	168"	185"	183"	184"	
B-Cab to Hoist	6"	6"	6"	6"	6"	6"	6"	6"	6"	
C-Axle spread	-	51" - 55" (1)	51" - 55" (1)	51" - 55" (1)	51" - 55" (1)	51" - 55" (1)	51" - 55" (1)	51" - 55" (1)	51" - 55" (1)	
D-Raised Angle	51°	48°	48°	47°	48°	48°	48°	48°	48°	
E-Frame to Ground Ht. (5)	41"	40"-46"	40"-46"	40"-46"	40"-46"	40"-46"	40"-46"	40"-46"	40"-46"	
F-Tire O.D. to O.D.	-	96" Max.	96" Max.	96" Max.	96" Max.	96" Max. (6)	96" Max. (3)	96" Max. (6)	96" Max. (7)	
G-Cab to Axle	138"	156"	156"	174"	174"	174"	194"	194"	194"	
H-Hoist Length	187"	208"	208"	226"	226"	226"	245"	245"	245"	
*Rated Capacity (2)	30,000#	40,000#	50,000#	40,000#	50,000#	50,000#	50,000#	50,000#	50,000#	
*Lift Cylinders	5"x3"x54" DA	6"x4-1/2"x72" DA	6"x4-1/2"x72" DA	6"x4-1/2"x72" DA	6"x4-1/2"x72" DA	6-5-4"x118" DAT	6-5"x114" DAT	6-5-4"x118" DAT	6-5"x79" DAT	
*Winch Cylinders	5"x3"x66" DA	6"x3"x75" DA	7"x3"x75" DA	6"x3"x80" DA	7"x3"x80" DA	7"x3"x80" DA	7"x3"x80" DA	7"x3"x80" DA	7"x3"x80" DA	
*Cable-EXIWRC 6x37	5/8" Dia.	3/4" Dia.	7/8" Dia.	3/4" Dia.	7/8" Dia.	7/8" Dia.	7/8" Dia.	7/8" Dia.	7/8" Dia.	
*Recommended Container Length (4)	14' - 16'	16' - 18'	16' - 18'	18' - 22'	18' - 22'	18' - 22'	20' - 24'	20' - 24'	20' - 24'	
*Approx. Weights	4,300 Lbs.	5,650 Lbs.	6,102 Lbs.	5,764 Lbs.	6,489 Lbs.	6,527 Lbs.	7,756 Lbs.	7,756 Lbs.	6,683 Lbs.	
Approx. Operating Times*	Up	28 Sec.	30 Sec.	30 Sec.	30 Sec.	30 Sec.	33 Sec.	41 Sec.	33 Sec.	28 Sec.
	Down	18 Sec.	13 Sec.	13 Sec.	13 Sec.	13 Sec.	15 Sec.	24 Sec.	15 Sec.	16 Sec.
	On	34 Sec.	31 Sec.	43 Sec.	34 Sec.	46 Sec.	46 Sec.	46 Sec.	46 Sec.	46 Sec.
	Off	22 Sec.	24 Sec.	35 Sec.	25 Sec.	37 Sec.	37 Sec.	37 Sec.	37 Sec.	37 Sec.

- (1) Using 10:00 x 20" Tires Only. For 22" Tires, See "F" Measurement.
 - (2) Factory Tested With Recommended Container Length And Water Level Load.
 - (3) When Used As Tandem. If Pusher Axle Is Added, "F" = 148" and "G" = 168".
 - (4) When Recommending Container Lengths, Weight Distribution, Fender Interference, And Overhang Are Factors.
 - (5) Frame = Top Of Truck Chassis Frame.
 - (6) When Used As Tandem. If Pusher Axle Is Added, "F" = 150-1/2".
 - (7) When Used As Tandem. If Pusher Axle Is Added, Axle Spread Is 108". For Use In Michigan.
- *Theoretical Cycle Times Based On 20 GPM For Single Axle And 35 GPM For Tandem Axle.

ALL DEADLIFT "HH" MODELS

Hoist Frame - 8" x 4" x 1/2" A500 Grade C Tubing*
Sub Frame - 3" x 2" x 3/16" A500 Grade C Tubing **
Front Stop - 1" Plate Steel
Safety Lock - Automatic Spring Loaded
Lift Cylinder Shafts - 2-1/2" Solid Steel
Hinge Shaft
 Single Axle - 1-15/16" Solid Steel
 Tandem Axle - 2-1/2" Solid Steel (**Standard**)
Cable Anchor - 4 Cable Clamps
Cable End - Swaged End With Swivel Knuckle Hook
Rear Hold Downs - 1-1/4" Plate Located For Standard
Galbreath Containers

Operating Pressure - 1850 PSI
Hydraulic Pump - Gear Type 35 G.P.M. @ 1500 R.P.M.
Hydraulic Valve - 2 Spool/45 G.P.M. With Safety By-Pass
Oil Reservoir - 50 Gal. With 25 Micron Filter And Screen Fill
Outside Rollers - 4" O.D. With Bronze Bearings
Rear Outside Rollers - 8" O.D. x 4" Wide With Bronze Bearings
Cable Sheaves - 10" O.D. With Bronze Bearings
Working Points - Greasable
 *8" x 3" x 3/8" A500 Grade C Tubing On U3-HH and U4-HH Models
 **4" x 3" x 1/4" A500 Grade C Tubing on U3-HH Model



RECOMMENDED TRUCK FRAME SPECIFICATIONS

Single Axle:

Front Axle: 9,000# (Min.) Capacity w/ Power Steering

Rear Axle: 22,400# Capacity (Min.)

36,000 PSI Chassis Frames - Minimum Section Modulus = 24.3 in.³

50,000 PSI or More Chassis Frames - Minimum Section Modulus = 17.5 in.³

Tandem Axle:

Front Axle: 18,000# (Min.) Capacity w/ Power Steering

Rear Tandem: 44,000# (Min.) Capacity w/ Walking Beam Suspension

36,000 PSI Chassis Frames - Minimum Section Modulus = 33 in.³

55,000 PSI or More Chassis Frames - Minimum Section Modulus = 24 in.³

NOTE: Check Local Regulations. Operator is Responsible for Compliance with Local, State, and Federal Weight Regulations.