

U5/U6-DPHK-176 DOUBLE-PIVOT HOOK HOIST

Galbreath[®]

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

Hook hoists offer superior versatility, maneuverability, and value. They're ideal for the waste, recycling, landscaping, construction, and roofing industries.

- » **50,000 lb. capacity (U5)**
- » **60,000 lb. capacity (U6)**
- » **Tandem axle**



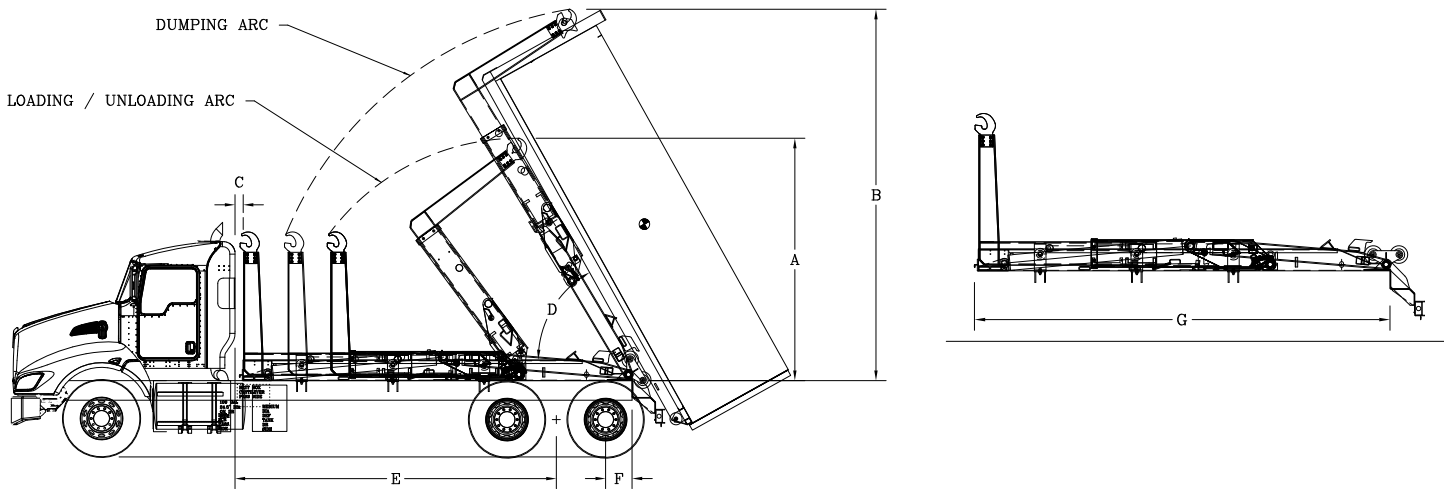
U6 model shown with rear stabilizer (stabilizer not included on U5 models).

Standard Features

- 2-part epoxy paint (black)*
- All pivot joints have hardened steel bushings and grease fittings
- Rear stabilizer (standard on U6 model only)
- Outboard-supported upper lift shaft
- Mechanical interlock between tail and pivot assembly
- Outside controls
- Full-width bumper with recessed lights
- Rubber-mounted sealed lights
- Inside air-operated controls
- Steel reservoir with 10 micron air breather
- 3 micron in-tank return filter and filler
- Sight gauge with temperature gauge

* Factory mount models

U5/U6-DPHK-176 DOUBLE-PIVOT HOOK HOIST



FEATURES	U5/U6-DPHK-176
Recommended container length ¹	16'-20'
Rated capacity ²	50,000 lbs. (U5) 60,000 lbs. (U6)
A - Maximum hook height above truck frame loading/unloading ³	132-5/8"
B - Maximum hook height above truck frame dumping	203-5/16"
C - Cab to hoist	3"
D - Raised angle	58°
E - Cab to axle	176"
F - After frame ⁴	14-1/2" or 25"
G - Hoist length ⁵	213"
Lift cylinders	7" x 3-1/2" x 81"
JIB cylinder	4" x 2-1/2" x 48"
Approximate weight	6,839 lbs.

CYCLE TIMES AT APPROXIMATELY 37.5 GPM	
Extending dump (58°)	43 seconds
Retracting dump	32 seconds
Extending JIB	4 seconds
Retracting JIB	3 seconds

- 1 When recommending container lengths, weight distribution, dump angle, and overhang are factors.
- 2 Factory-tested with recommended container length and water level load.
- 3 Total maximum height will depend on container. Consult engineering for clearance.
- 4 Air ride suspensions require 25" of after frame.
- 5 Consult engineering for longer lengths.

FEATURES	U5/U6-DPHK-176
Cross members	Structural tubing 62,000 lbs. min tensile A500 Grade C
Main frame	Domex 100k lbs. min tensile
JIB frame	A514 T-1 & structural tubing A500 Grade C
Pivot tube	A514 T-1 100,000 PSI minimum yield
Pickup hook	A514 T-1 100,000 PSI minimum yield
Lift cylinder pins	2-3/4 solid (91,000 lb. tensile)
Hinge shaft	2-1/2" solid (91,000 lb. tensile)
JIB bearing	A514 T-1 steel

HYDRAULIC SYSTEM	
2-spool air-operated sectional valve with manual controls outside	
7" x 3-1/2" x 81" lift cylinders with built-in counter-balance valves	
6" x 3" x 4.81" stabilizer cylinders with built-in counter-balance valves on U6 model	
4" x 2-1/2" x 48" JIB cylinder with built-in counter-balance valves	
Operating pressure: 3,500 PSI (U5) / 3,800 PSI (U6)	

MINIMUM TRUCK SPECIFICATIONS	
Front axle	18,000 lbs. (with power steering)
Rear axle	44,000 lbs.
36,000 PSI chassis frame	Minimum section modulus = 33.3 in ³
50,000 PSI chassis frame (or more)	Minimum section modulus = 24 in ³



Tel: 877.468.9278 | sales@wastequip.com | www.galbreathproducts.com

Galbreath is a Wastequip brand. Wastequip is the leading North American manufacturer of waste and recycling equipment for collecting, processing and transporting recyclables and solid or liquid waste. © Wastequip May 2014. All rights reserved. Specifications subject to improvement without notice. Equipment displayed should be operated by properly trained personnel. Operators should become familiar with OSHA, ANSI and any other applicable standards or laws for using this equipment. Improper use, misuse, or lack of maintenance could cause injury to people and/or property. Photos used in the literature are illustrative only. We assume no liability or responsibility for proper training/operation of equipment not manufactured by Wastequip. We reserve the right to make changes at any time without notice. Information contained within this literature is intended to be the most accurate available at time of printing.