



Crete Hawg

Remote-Controlled Concrete Pouring Bucket



Air Controlled Bucket



Electric/Hydraulic Bucket



Intelligent Concrete Pouring

- Simpler and faster
- Wireless radio controller
- Safer to operate

The Crete Hawg system utilizes robust, wireless radio control technology to operate the gate. This allows the user to operate the system from a SAFE location, without being tethered to the bucket. No unnecessary climbing is required to operate a manual handle, which allows for faster production cycles.

Features

Each Crete Hawg Concrete Bucket System comes fully equipped with technology to take your production to the next level. Standard features include:

- Wireless Remote Control Slide Gate System
- 6" of freeboard above rated capacity level
- Removable/replaceable crane lifting bail
- Forklift pockets
- On board air tanks
- "Auto Drain" air filtration assembly
- On board 12 Volt electrical system
- On board manual operation valves (This is a redundant feature if electrical failure of any type should occur)
- All "Concrete Contact" steel is AR plate (Abrasion Resistant)
- "Wear & Spare" parts are in stock for immediate delivery
- Keeps the operator positioned in a SAFE location (No climbing required to operate a manual handle)
- Faster production cycles
- 1, 2, 3, 4 Cubic Yard Capacities are available
- Custom-designed Crete Hawg concrete buckets are available for both wetcast and drycast applications

Slide Gate System Advantages

The Slide Gate System uses "wireless radio control technology" to open and close the air operated slide gate.

On Board Air Tanks

The Crete Hawg Concrete Bucket System comes fully equipped with two on board air tanks. Air tanks are designed with the appropriate relief valves, tank drain valves, pressure gauges and air supply shut off ball valves.

12 Volt Electrical System and battery SMART charger

The electrical system is complete with a 12 volt supply. The Crete Hawg also includes an on board battery SMART maintainer charger.

Wireless Remote Control

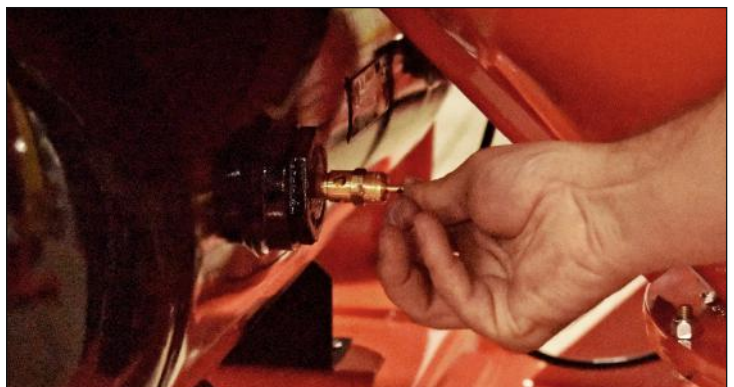
The wireless remote operates the patented air actuated Slide Gate System. There are no air or electrical lines tethering you to the bucket. Each Crete Hawg Concrete Bucket System comes with two wireless remotes, so if one is damaged or fails to work, you are not without the patented technology.

Additional Crete Hawg Options

- Ladder with "SlipNOT" slip resistant ladder rungs
- Bolt on, plywood splash cover for half opening
- 2' Pivoting/removable pouring chute
- 4' Removable chute extension for above chute
- 2' Quick change fixed position pouring chute
- Quick change funnel adapter — 4, 8, or 12 inch diameter x 10' long hose.



System Pressure Gauge & Quick Fill Coupler with Ball Valve Shut Off

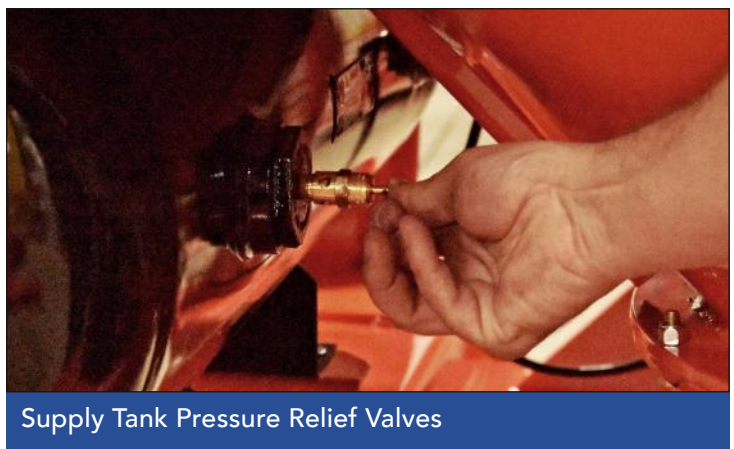
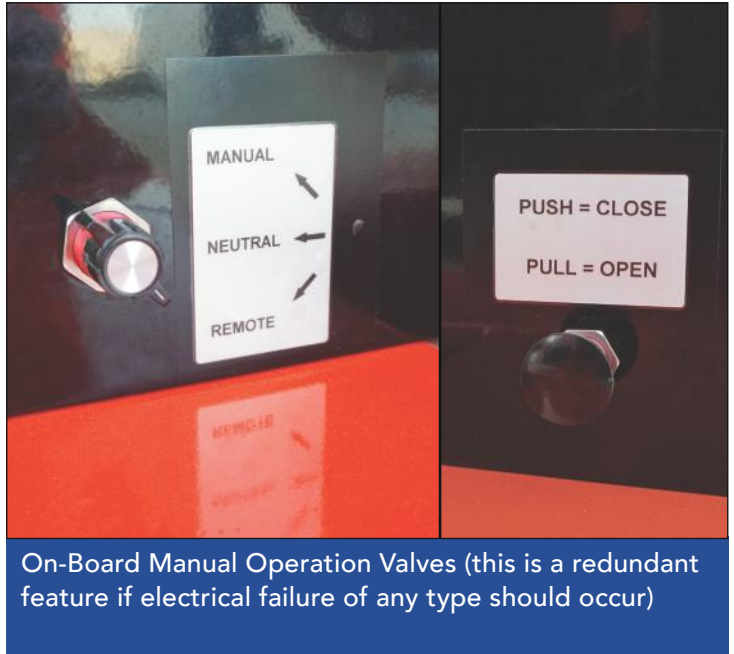


Pressure Relief Valve



Crete Hawg

Air Gate Concrete Bucket Systems



Additional Options



RC-Air &-E/H Series Splash Guard



FSLP-Air & FSLP-E/H Series Splash Guard



Ladder - all Crete Hawg Buckets



Crete Hawg

Electric/Hydraulic Gate Bucket Systems

Introducing: NextGen Crete Hawg with Electric/Hydraulic Power

The ingenuity of our original model is **now even better!**

Built on a decade of proven product success, we've designed our new Electric/Hydraulic Crete Hawg model with features that bring even more safety and efficiency to your production process, including;

More power at your fingertips. You'll enjoy our same popular slide gate functionality but with the torque and precision of electric/hydraulic power instead of air power. Plus, the control panel is streamlined for ultimate ease of use.

Save Time – Electric/Hydraulic power system eliminates the need to fill air tanks between pours.

Increased visibility. No more air tanks means an unobstructed view so you can pour with confidence.

Easy to Clean – You won't have to navigate around air tanks making clean-up a breeze.

Now Available on all Crete Hawg models

- Improved lifting bail pick point and lifting bail positioning that is parallel with the fork truck pockets for better visibility.
- Openings to chain the Crete Hawg to the fork truck mast and operator hand holes to optimize handling and maneuvering of the bucket while pouring.





Crete Hawg Concrete Bucket Systems



FSLP-Air Series

Flat Side - Off Center Discharge
Concrete Bucket

Concrete bucket used when pouring "Self-Compacting Concrete" and 4"-8" slump concrete. Best used when low profile charging of the unit is needed. Best for pouring wetcast round manholes, pipe, boxes and flat wall products.



FSLP-E/H Series

Flat Side - Off Center Discharge
Concrete Bucket

Standard concrete bucket used when pouring "Self-Compacting Concrete" and 4"-8" slump concrete. Best for pouring wetcast round manholes, pipe, boxes and flat wall products.



RC-Air & RC-E/H Series

Round - Center Discharge
Concrete Bucket

Standard concrete bucket used when pouring "Self-Compacting Concrete" and 4"-8" slump concrete. Best unit when pouring large open bed type wetcast forming.



DC-Air Series

Dry Cast - Center Discharge
Concrete Bucket



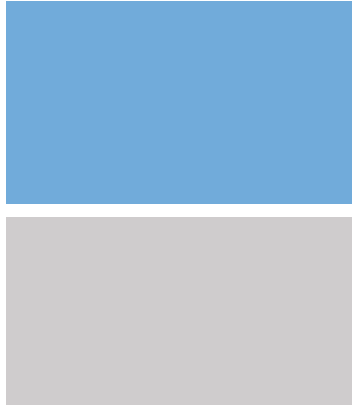
Wireless Remote Control

- Keeps the operator positioned in a **SAFE** location (no climbing required to operate a manual handle)
- **Faster** production cycles



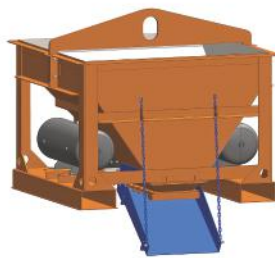
Funnels and Chutes

FSLP-Air & RC- Air Series



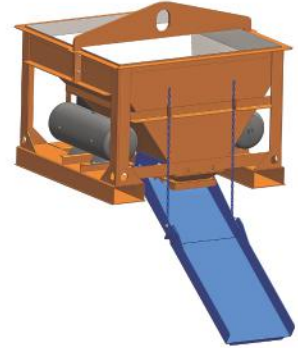
FSLP-Air Series

Quick change funnel with fixed chute



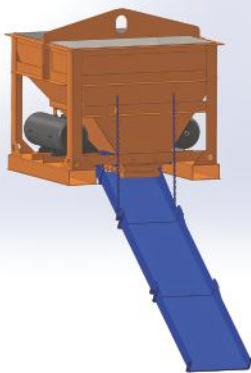
FSLP-Air Series

Pivoting & Removable Chute (2')



FSLP-Air Series

Pivoting & Removable Chute (2' + 4')



FSLP-Air Series

Pivoting & Removable Chute
(2' + 4' + 4')



FSLP-Air Series

Quick Change Funnel Adapter For
4"- 8"- 12" PVC Hose



RC Series*

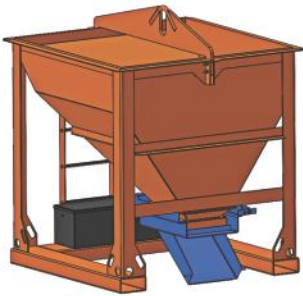
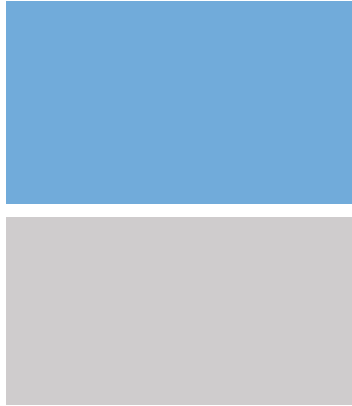
Quick Change Funnel Adapter For
4"- 8"- 12" PVC Hose

*RC-E/H Series not shown but available



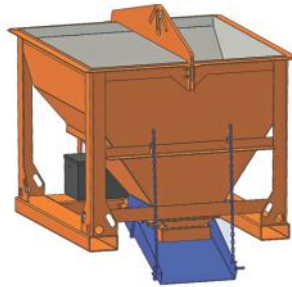
Funnels and Chutes

FSLP- E/H Series



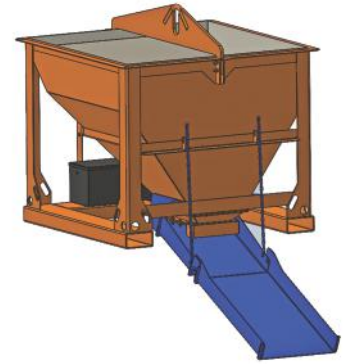
FSLP-E/H Series

Quick change funnel with fixed chute



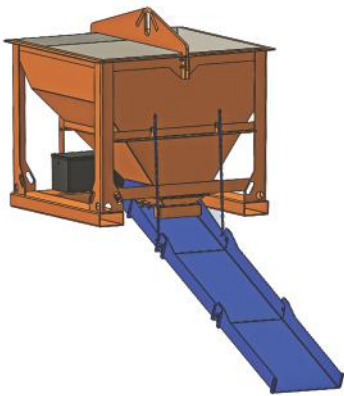
FSLP-E/H Series

Pivoting & Removable Chute (2')



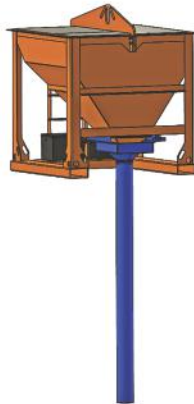
FSLP-E/H Series

Pivoting & Removable Chute (2' + 4')



FSLP-E/H Series

Pivoting & Removable Chute
(2' + 4' + 4')



FSLP-E/H Series

Quick Change Funnel Adapter For
4''- 8''-12'' PVC Hose



How the Crete Hawg helped improve safety and productivity

Customer: Scituate Plant, Marshfield, MA Scituate is a manufacturer of all types of precast products, they say "if you can draw it, we can build it."

Challenges: Old processes were no longer working and needed to find ways to increase plant safety, improve manufacturing efficiency, maintain product consistency, and maximize labor.

Solution: Crete Hawg Remote-Controlled Concrete Pouring Bucket.

Results:

- Safer. Worker operates bucket using remote control and is not tethered to bucket.
- Less labor and time required to get bucket where you are pouring.
- Controls flow. Remote control allows worker, whether it is a narrow or wide channel, to maintain flow consistency so there is no segregation.
- Low maintenance. Remote uses 2 AA batteries. Charge with air one time and you get 100 yards out of it before next charge.



Greg Bonney Foreman, Scituate Marshfield, MA
"We initially bought one bucket and were amazed at how efficient it was, and we went and got a second one to increase efficiency."



Charging the Crete Hawg



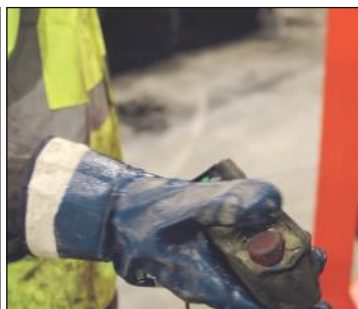
Crete Hawg in action



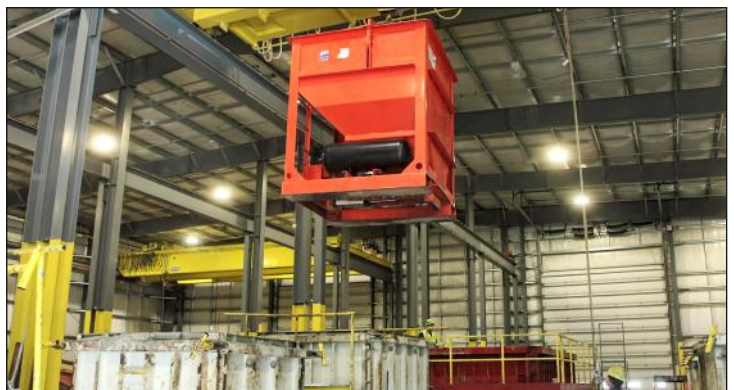
Above- Crane operator moving the Crete Hawg into position to pour forming. Below, bucket transport

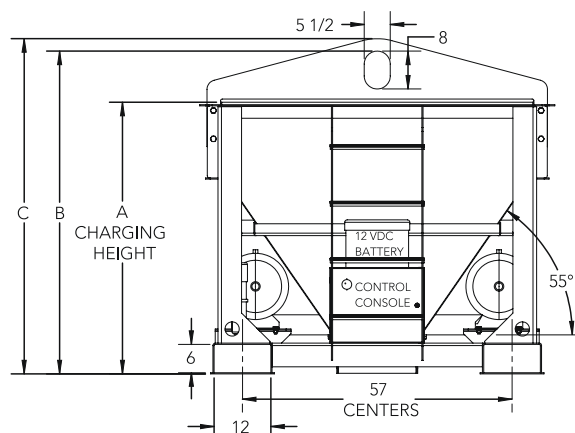


Flow consistency



Remote control







FSLP-E/H Series

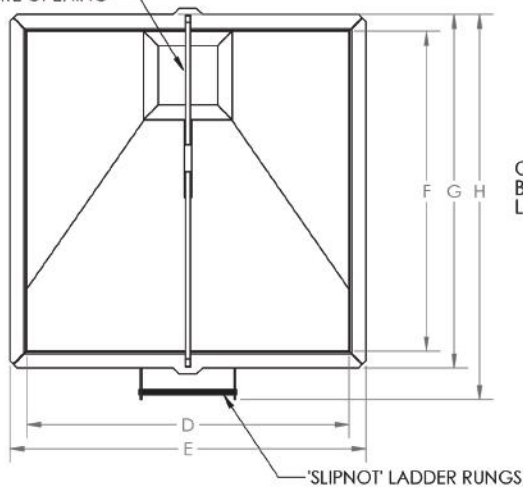
Machine Diagrams

REVISIONS				
REV	ECR	CHANGE	BY	DATE

CAPACITY CU.YD.	A	B	C	D	E	F	G	H	EMPTY WEIGHT
1.0	39 3/16	51	52 1/2	65 3/4	72 5/8	65 1/4	72 1/8	78 5/8	2100
1.5	50	61 7/8	63 3/8	65 3/4	72 5/8	65 1/4	72 1/8	78 5/8	2200
2.0	58 1/2	70 1/4	71 3/4	65 3/4	72 5/8	65 1/4	72 1/8	78 5/8	2300
2.5	64	75 3/4	77 1/4	65 3/4	72 5/8	65 1/4	72 1/8	78 5/8	2400
3.0	68 1/2	80 1/8	81 5/8	85 3/4	72 5/8	65 1/4	72 1/8	78 5/8	2500
3.5	74	85 5/8	87 1/8	65 3/4	72 5/8	65 1/4	72 1/8	78 5/8	2600
4.0	79 1/2	91 1/8	92 5/8	65 5/4	72 5/8	65 1/4	72 1/8	78 5/8	2700

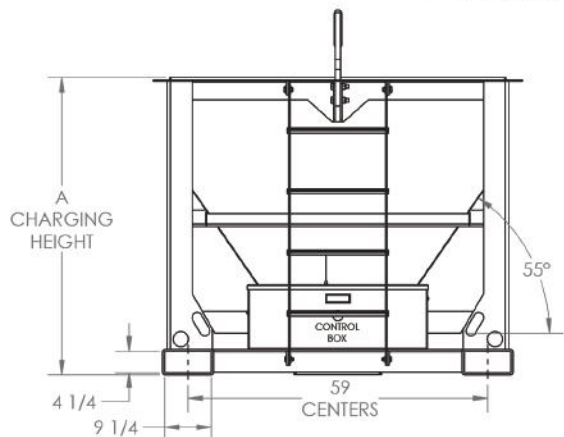
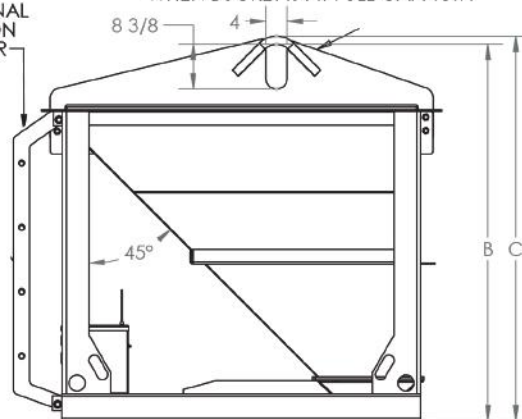
DIM APPROXIMATE TO NEAREST 1/8"

12" X 12" GATE OPENING



OPTIONAL
BOLT-ON
LADDER

LIFTING BAIL LOCATED AT CENTER OF GRAVITY
WHEN BUCKET IS AT FULL CAPACITY



NOTES:

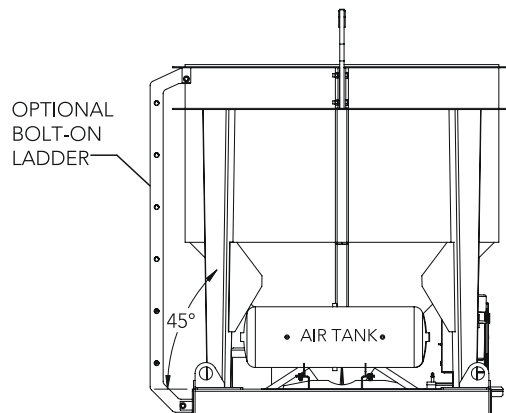
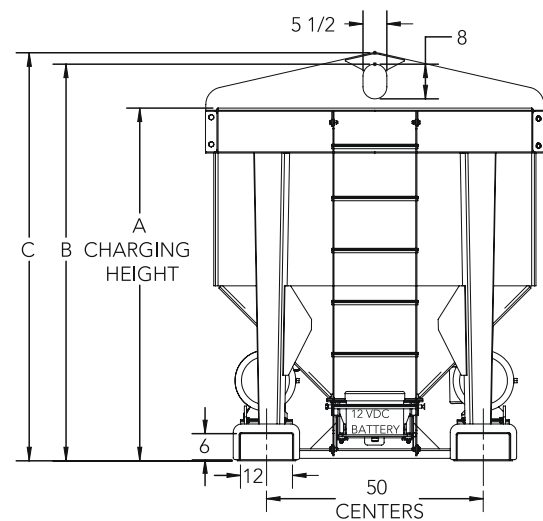
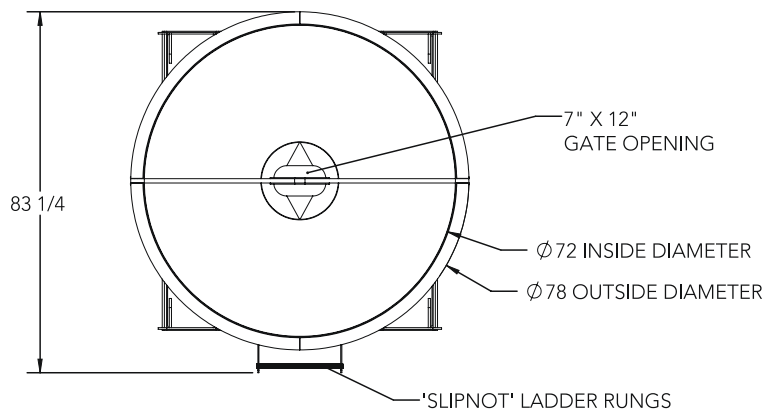
1. BUCKET HEIGHT WILL INCREASE APPROXIMATELY 12" WITH ELEPHANT TRUNK OPTION
2. ALL BUCKETS HAVE 6" OF FREEBOARD DESIGNED IN FOR SCC
3. ALL 'CONCRETE CONTACT' STEEL IS ABRASION RESISTANT
4. 1 YD LOW PROFILE BUCKET HAS 31° SLOPE ON FRONT FACE
5. 1.5 YD LOW PROFILE BUCKET HAS 38° SLOPE ON FRONT FACE

WELDING		MACH		DRILL		SHAPING		CUTTING		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED</div> <div>IN THIS DRAWING IS THE SOLE</div> <div>PROPERTY OF NEW HAMPTON</div> <div>METAL FABRICATION. ANY</div> <div>REPRODUCTION IN PART OR AS</div> <div>A WHOLE WITHOUT THE WRITTEN</div> <div>PERMISSION OF NEW HAMPTON</div> <div>METAL FABRICATION IS</div> <div>PROHIBITED.</div> <div>DRAWN BY:</div> <div>WILL</div> <div>DATE:</div> <div>1/24/24</div> <div>WEIGHT:</div> <div>2240.31 LBS</div> <div>JOB NO:</div> <div>SHEET:</div> <div>1 OF 1</div> <div>SCALE:</div> <div>1:32</div> <div>SIZE</div> <div>B</div> <div>DWG NO:</div> <div>PD-HD-1054-S</div> <div>REV.</div>				
FAB		MACHINING		CUTTING		GENERAL TOLERANCES EXCEPT AS NOTED								
FRACTIONAL		DECIMAL		ANGULAR DEG		CRETE HAWG BUCKET SPECIFICATIONS FOR								
X ± 1/16		X.X ± 0.030 X.XX ± 0.015 X.XXX ± 0.005		± 1.0°		FSLP SERIES "FLAT SIDE - LOW PROFILE"								
						OFF CENTER DISCHARGE HYDRAULIC ACTUATED								



RC-Air Series Machine Diagrams

CAPACITY CU. YD.	A	B	C	EMPTY WEIGHT
1.0	48 3/8	58 1/2	61 1/8	2300
1.5	53	63	65 5/8	2350
2.0	59	69	71 5/8	2400
2.5	65	75	77 5/8	2500
3.0	71	81	83 5/8	2600
3.5	77	87	89 5/8	2650
4.0	81 3/8	91 1/2	94 1/8	2700



NOTES:

1. BUCKET HEIGHT WILL INCREASE APPROXIMATELY 7" WITH ELEPHANT TRUNK OPTION
2. ALL BUCKETS HAVE 6" OF FREEBOARD DESIGNED IN FOR SCC
3. ALL 'CONCRETE CONTACT' STEEL IS ABRASION RESISTANT

REVISIONS								
REV.	ECR	CHANGE	BY	DATE				
					AFINITAS FORMING SYSTEMS DIVISION			
					928 WEST MILWAUKEE NEW HAMPTON, IOWA 50659 1701 MOLER ROAD COLUMBUS, OHIO 43207			
					CRETE HAWG BUCKET SPECIFICATIONS FOR RC SERIES "ROUND" CENTER DISCHARGE			
					SHEET: 1 OF 1		SCALE: 1:24	
					SIZE: B		DWG NO: PD-HD-1034	
					REV.			

WELDING	MACH	DRILL	SHAPING	CUTTING
FAB	MACHINING	CUTTING		
GENERAL TOLERANCES EXCEPT AS NOTED				
FRACTIONAL	DECIMAL	ANGULAR DEG		
X ± 1/16	X.X ± 0.030 X.XX ± 0.015 X.XXX ± 0.005	± 1.0 °		

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DATE:	05/03/23
WEIGHT:	2682.91 LBS
JOB NO:	



Crete Hawg

Remote-Controlled Concrete Pouring Bucket

Equipment & Automation



Concrete Accessories



Forming Systems



Intelligent Infrastructure Solutions
Visit www.afinitas.com to learn more.

Afinitas Forming Systems Division

Iowa

928 W Milwaukee
New Hampton, IA 50659
Phone: 641-394-4111
Fax: 641-394-4542
rfq@afinitas.com

Ohio

1701 Moler Road
Columbus, OH 43207
Phone: 614-444-2184
rfq@afinitas.com



Intelligent Infrastructure Solutions

Afinitas is a global, comprehensive and customer-oriented equipment, automation, forming and accessories platform for precast concrete and infrastructural products.

Afinitas Forming Systems Division:

928 W. Milwaukee | New Hampton, IA 50659 USA | +1 641-394-4111 | rfq@afinitas.com | www.afinitas.com