



4" x 7 1/2" U ANCHOR
BOLTS W/ LEVELING NUTS
BOLTS TO PRIOR. 2 3/4"

6" ϕ USED STL PIPE
RAIL & COLUMNS

3/4" DEL. CHAMFER

#5 BARS @ 12"

6" CON

W/ LOCK

FIN. H. EL.
284.5



2'-0"

24" CON. PIPE



EXT.
3" OF

6" ϕ STL. COL'S TO
IN 18" ϕ CONC. PIER. ALL
ALL STL. PIPE GUARDRAILS

PRODUCT SUMMARY

54" ϕ BELL

54" ϕ B



General Purpose Concrete Buckets

Gar-Bro General Purpose or 'G' Series Concrete Buckets are built for modern concrete requirements and general concrete work. Sturdy design and construction provides long life expectancy. All 'G' Series buckets feature a Double Clamshell Gate with vertical center discharge. Standard gate size is 15 inches x 22 inches. Extension collars for increased capacity are available for all models.



Item No.	Rated Capacity Cubic Yards	Level Capacity Cubic Feet	Outside Diameter Inches	Loading Height Inches	Weight Pounds
411-G	1/3	10	39	35	355
413-G	1/2	15	45	38	420
423-G	3/4	24	51	46	565
433-G	1	30	57	51	615
442-G	1 1/2	42	64	55	795
462-G	2	58	72	58	1,045
493-G	3	87	76	72	1,445
4123-G	4	112	77	85	1,825

Lightweight Round-Gate Concrete Buckets

The Gar-Bro Round Gate or 'R' Series Concrete Bucket is 30% to 50% lighter than most standard steel buckets of the same capacity. The Double Clamshell 16-inch diameter venturi gate throat is non-jamming, grout tight, and self-closing. A variety of attachments are available for all 'R' series buckets, including rubber accordion hoppers, side chutes, air operated gate systems, and extension collars.



Item No.	Rated Capacity Cubic Yards	Level Capacity Cubic Feet	Outside Diameter Inches	Loading Height Inches	Weight Pounds
410-R	1/3	10	38	34	237
413-R	1/2	13.5	38	41	257
420-R	3/4	20.3	47	44	330
427-R	1	27.5	56	46	400
440-R	1 1/2	40.5	63	53	500
454-R	2	55	70	59	675
483-R	3	83	70	72	760

Extended Gate Laydown Buckets

Gar-Bro Extended Gate Laydown Buckets are designed for use in applications which require both a low loading height and a side discharge. Providing automatic lay-down for easy charging and automatic rotation for vertical discharge. Extended Gate Buckets feature a single quadrant gate with a 12-inch by 12-inch gate opening and positive toggle action gate operating handle.



Item No.	Rated Capacity Cubic Yards	Loading Height Inches	Overall Width Inches	Overall Suspended Height	Weight Pounds
414	1/2	24	45	6'8"	550
424	3/4	30	50	7'5"	600
434	1	31	54	7'9"	685
444	1 1/2	35	62	8'4"	1,090
464	2	36	68	9'5"	1,235
494	3	38	75	10'7"	1,915
4124	4	41	82	11'6"	2,324

Vertical Front Laydown Buckets

The Gar-Bro Lightweight Laydown Bucket is designed for situations in which the loading height of a conventional upright bucket is too great for charging without difficulty or delay. Frame design incorporates a support structure and pivoted lifting bail, which automatically rotates the bucket to a laydown position when lowered to the ground for charging and to a vertical position when hoisted for discharging. Standard gate is 15-inches by 22-inches, double clamshell type.



Item No.	Rated Capacity Cubic Yards	Loading Height Inches	Overall Width Inches	Overall Suspended Height	Weight Pounds
416-L	1/2	22	48	5'9"	500
426-L	3/4	26	57	5'10"	620
436-L	1	24	63	7'6"	745
446-L	1½	28	68	7'4"	1,180
466-L	2	32	76	8'7"	1,420
496-L	3	42	78	10'1"	2,000
4126-L	4	39	82	10'6"	2,900
4156-L	5	45	100	11'0"	3,935
4186-L	6	47	96	11'5"	4,000
4236-L	8	60	102	13'9"	5,317
4296-L	10	62	102	15'4"	7,000

Rubber Accordion Hoppers

These hoppers confine concrete when pouring into narrow forms and prevent segregation due to free-fall. Attached to the bucket gate, the hopper opens and closes with the gate itself to control spillage and ensure proper flow control. When grounded, it folds under the bucket without damage. Sizes to fit all Gar-Bro buckets.



Item No.	Bucket Series or Item No.	Length Below Bucket - Ft.	Discharge Opening Inches	Weight Pounds
409-E	All 'R' and 'G' Round Upright Buckets, and all 'L' Laydown Buckets	3	8	27
409-U		3	8	50
409-W		3	8	45
429-A	425, 465, 495, 4125, and Buckets with 22-inch x 32-inch Gate	3	15	67
429-B	440-D, 440-A, 450-D, 450-A, 460-D, 460-A, 425-A, 465-A, 495-A, 4125-A	5	16	108
439	493-A, 4139-A, 4155-A	4	16	150

Combo Buckets

The Gar-Bro Combo Bucket is a vertical front bucket with a plate-type lifting bail, forklift pockets, and Double Clamshell Gate as standard features. The exclusive slide-on attachments feature easy removal and installation of versatile accessories for a range of concrete placement solutions. Gar-Bro Combo buckets will handle concrete with up to 1-inch aggregate and slumps of 4 inches or greater.



Item No.	Rated Capacity Cubic Yards	Loading Height Inches	Overall Suspended Height	CL to CL Forkpockets Inches	Outside Dimensions Inches	Weight Pounds
4911	1/3	38	48	35	38 x 43	380
4914	1/2	43	52	35	38 x 43	390
4920	3/4	51	61	35	38 x 43	430
4928	1	56	66	35	43 x 43	500
4940	1½	62	71	53	61 x 64	830
4958	2	67	76	53	61 x 64	945
4983	3	80	90	53	61 x 64	1,120

Collection Hoppers

Gar-Bro Collection Hoppers are designed to facilitate transfer of concrete from the bucket or transit mix truck to restricted areas. Used in conjunction with a variety of chutes or elephant trunk, hoppers complete a versatile concrete placement system that will suit any job requirement. For most jobs, a center discharge collection hopper will be used as it is the most versatile. Other shapes and sizes are also available.



Item No.	Top Opening Inches	Height Inches	Discharge Opening Inches
801	14 x 26	20	6, 8, 12
802	18 x 30	22	6, 8, 12
UPS	25 x 25	20	6, 8, 12
803	30 x 30	24	6, 8, 12, 16
808	42 x 42	30	6, 8, 12, 16

Elephant Trunks

Elephant Trunk is normally used with collection hoppers for placing concrete into deep or narrow forms. Flexible and abrasion resistant, it can be attached to a variety of collars to meet job requirements. Elephant Trunk is available in light and inexpensive polyvinyl chloride (PVC) synthetic, or a nylon-reinforced plastic elephant trunk which is sturdy and flexible, yet strong and light. Both types of elephant trunk may be obtained in 6, 8, and 12-inch inside diameter sizes. Heavy duty rubber elephant trunk is available in 6-inch, 8-inch, 12-inch, 16-inch, and larger sizes.

Steel collars are used to support the elephant trunk and connect it to the hopper by chain linkage. Rectangular collars are used when pouring into narrow forms. Round steel collars are available in 6, 8, 12, and 16-inch diameter sizes. Rectangular collars are available to fit all sizes of elephant trunk.



Steel Drop Chutes

Drop Chutes are normally used in conjunction with collection hoppers to restrict free drop of concrete and prevent segregation. They come in short, lightweight sections that hook together to form a flexible assembly and are available in standardized lengths and diameters. As the pour progresses, drop chutes may be removed to allow the placement to continue yet maintain free fall of the concrete to acceptable limits.



Item No.	Top Diameter Inches	Bottom Diameter Inches	Length Inches	Gauge Steel	Weight Pounds
924	14	12	36	16	32
925	14	12	30	16	29
926	14	12	48	16	43
901	9	8	36	16	20
902	9	8	30	16	17
903	8	7	36	16	18
904	8	7	30	16	15
905	7	6	24	16	12
TC086	9	5 1/2	19	16	10
TC128	13	7 1/2	36	16	25

Straight Line Concrete Chutes

Straight Line Chutes are designed to guide horizontal concrete flow from the receiving hopper head to the discharge deflector. Used in conjunction with other chutes and hoppers, the assembly provides maximum versatility of application to suit nearly any job requirement.

Item No.	Description	Weight Pounds
011	10-ft. chute section, unlined	100
013	30" x 30" steel receiving-hopper head	56
014	discharge deflector	35



Concrete Carts

Gar-Bro Concrete Carts are designed to be perfectly balanced when loaded to capacity. They are lighter at the handle and carry more load with less effort. They roll easily over rough terrain because Gar-Bro carts come standard with 26-inch O.D. pneumatic tires. All Gar-Bro carts can be equipped with rockers to facilitate high-angle dumping. When ordering a cart with rockers, add 'R' to the cart number.

Item No.	Capacity Cubic Feet	Extreme Width Inches	Length Inches	Loading Height Inches	Weight Pounds
706	6	32	57	33	160
708	8	37	61	33	170
706-R	6	32	60	33	170
708-R	8	37	63	33	180



Wheelbarrows

These Premium Wheelbarrows are designed for concrete placing and other heavy work. Balanced design and heavy construction provides better stability and control. Available with either seasoned hardwood or tubular steel handles, these barrows feature heavy gauge steel trays and single or dual wheels with ball bearings, grease fittings and your choice of a 4.00 x 8, 4 ply-rated pneumatic tire or 16-inch diameter steel wheel.

Item No.	Type	Level Capacity Cubic Feet	Heaped Capacity Cubic Feet	Gauge Tray	Handle Type	Weight Pounds
10	Round Nose	4	5	16	Tubular	83
14	Square Nose	4½	5½	16	Tubular	86
15	Round Nose	5	6	16	Tubular	88
60	Round Nose	4	5	16	Hardwood	83
64	Square Nose	4½	5½	16	Hardwood	86
65	Round Nose	5	6	16	Hardwood	88



Automatic Bucket Hooks and Low Slump Concrete Buckets

Gar-Bro Low Slump Concrete Buckets are designed to efficiently handle stiff, large aggregate concrete used in locks, dams, and other heavy construction. Used with our Automatic Bucket Hook, all movement of the buckets can be controlled by the crane operator, thus eliminating the high risk job of the hook-on man. A wide variety of gate powering systems and other features are available.

Automatic Bucket Hooks

Item No.	Safe Working Load Pounds	For Use With.	Overall Height Inches	Weight Pounds
4-AH	30,000	1, 2, 3, and 4 cubic yard buckets	79	1,725
8-AH	60,000	6 and 8 cubic yard buckets	82	2,615

Low Slump Concrete Buckets

Item No.	Rated Capacity Cubic Yards	Loading Height Inches	Inside Diameter Inches	Gate Size Inches	Weight Pounds
440-D	1	56	56	24 x 36	1,910
450-D	1½	61	56	24 x 36	2,075
460-D	2	78	56	24 x 36	2,340
440-A	1	56	56	24 x 36	1,910
450-A	1½	61	56	24 x 36	2,075
460-A	2	78	56	24 x 36	2,340
493-A	3	87	72	30 x 48	4,870
4139-A	4	102	72	30 x 48	5,180
4200-A	6	108	90	39 x 55	7,750
4250-A	8	123	90	39 x 55	9,000



Double Clamshell Bin Gates

Gar-Bro Bin Gates are manufactured in numerous standard sizes and can be built in special sizes to meet your specific job requirements. Our bin gates are of all-welded steel construction and feature torch cut radius arms and replaceable radius arm pivot bushings. Manual, air, or hydraulic operation is available separately or as a package.

Item No.	Top Opening Inches	Discharge Opening Inches
601	12 x 20	10 x 12
602	12 x 20	12 x 12
603	18 x 20	10 x 18
604	20 x 24	12 x 24
605	18 x 26	16 x 18
606	24 x 26	18 x 24
607	24 x 32	20 x 24
608	32 x 36	24 x 36
609	36 x 38	30 x 36
610	44 x 48	30 x 48
611	36 x 50	36 x 36
612	48 x 50	36 x 48

