

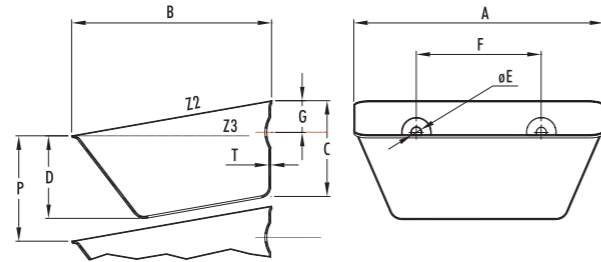
# TYPE GB GB / SPIDEX™ BOTTOMLESS

GB Spidex™ is a pressed steel bottomless bucket system that can double your existing elevator capacity and handle your troublesome materials. This unique bucket system lifts material in a continuous column, so the carrying space between conventional buckets is fully utilized by material to achieve much greater capacity.

- > Optimum possible capacity for a given elevator case
- > Cost effective increase in leg capacity
- > Self-cleaning, vented system - ideal for sticky and powdery products

## PRESSED SEAMLESS STEEL / STAINLESS STEEL

Agricultural



Code No.	A (mm)	B (mm)	C (mm)	T (mm)	(kg)	Capacity (Litres) Z2 (total)	No.	Recessed Holes			P** (mm)	Pcs/Mtr
								E (Ø mm)	F (mm)	G (mm)		
STANDARD RANGE												
GB130-110-B	136	114	51	1.5	0.30	0.50	2	8.5	70	22	57	17.5
GB130-110+B	136	114	51	1.5	0.36	0.50	2	8.5	70	22	57	17.5
GB180-140-B	185	139	65	1.5	0.45	1.18	2	9.0	100	32	71	14.0
GB180-140+B	185	139	65	1.5	0.55	1.18	2	9.0	100	32	71	14.0
GB230-165-B	237	163	71	2.0	0.83	2.10	2	10.0	120	32	80	12.5
GB230-165+B	237	163	71	2.0	1.12	2.10	2	10.0	120	32	80	12.5
GB300-165-B	305	166	80	2.0	1.10	2.75	3	10.5	90*	36	88	11.4
GB300-165+B	305	166	80	2.0	1.40	2.75	3	10.5	90*	36	88	11.4
GB350-200-B	355	200	100	2.5	1.95	4.75	4	11.0	90	42	111	9.0
GB350-200+B	355	200	100	2.5	2.50	4.75	4	11.0	90	42	111	9.0
GB400-220-B	410	218	115	3.0	2.30	6.91	4	11.0	100	45	125	8.0
GB400-220+B	410	218	115	3.0	2.95	6.91	4	11.0	100	45	125	8.0

\* Fixing Holes GB300-165. Alternative hole punching available: Slotted for 101mm to 104mm centres

\*\* Bucket spacing for free flowing granular products only

SPECIAL RANGE												
GB215-95-B	220	93	63	1.5	0.40	0.95	2	8.5	127	25	67	14.9
GB215-95+B	220	93	63	1.5	0.50	0.95	2	8.5	127	25	67	14.9
GB380-165-B	380	165	80	2.5	1.70	3.50	4	9.0	*	36	88	11.4
GB380-165+B	380	165	80	2.5	2.15	3.50	4	9.0	*	36	88	11.4
GB325-190-B	335	191	88	2.5	1.65	3.60	3	9.0	100	25	100	10.5
GB325-190+B	335	191	88	2.5	2.11	3.60	3	9.0	100	25	100	10.5
GB400-200-B	410	200	97	2.0	1.66	5.40	4	9.0	94	32	105	9.5
GB400-200+B	410	200	97	2.0	2.20	5.40	4	9.0	94	32	105	9.5
GB430-200-B	437	200	95	2.0	1.77	5.56	4	9.0	94	32	105	9.5
GB430-200+B	437	200	95	2.0	2.30	5.56	4	9.0	94	32	105	9.5

\* Fixing Holes GB380-165, hole centres 76-127-76mm | \*\* Bucket spacing for free flowing granular products only

SPIDEX RANGE												
Spidex 100-90-B	106	88	45	0.9	0.10	0.23	2	8.5	50	17	50	20.0
Spidex 100-90+B	106	88	45	0.9	0.12	0.23	2	8.5	50	17	50	20.0
Spidex 130-110-B	136	114	51	1.5	0.26	0.50	2	8.5	70	22	57	17.5
Spidex 130-110+B	136	114	51	1.5	0.31	0.50	2	8.5	70	22	57	17.5
Spidex 180-140-B	185	139	65	1.5	0.41	1.08	2	9.0	100	32	71	14.0
Spidex 180-140+B	185	139	65	1.5	0.50	1.08	2	9.0	100	32	71	14.0
Spidex 280-165-B	291	165	80	2.0	0.99	2.67	3	11.0	90	36	87	11.5
Spidex 280-165+B	291	165	80	2.0	1.32	2.67	3	11.0	90	36	87	11.5
Spidex 330-190-B	341	192	99	3.0	2.07	4.50	3	12.0	100	49	105	9.5
Spidex 330-190+B	341	192	99	3.0	2.82	4.50	3	12.0	100	49	105	9.5

Note: Spidex 100-90, Spidex 130-110 and Spidex 180-140 buckets have flat holes with notched back

# GB SPIDEX™ BOTTOMLESS BUCKETS



## GB SPIDEX™ UNIQUE DESIGN FEATURES

With the GB system, buckets are centered at very close spacing with a series of buckets without bottoms followed by a closed bottom bucket. The material is lifted in a continuous column, so the carrying space between conventional buckets is fully utilized by material to achieve much greater capacity. The buckets "fan out" as they pass over the head and tail pulleys to facilitate pick up or discharge.

The system increases capacity of an existing elevator leg at a much lower cost than the purchase of a new bucket elevator. The GB system can also be used in new elevators to give the same capacity as larger elevators using traditional buckets, saving manufacturing costs and plant space.

GB Spidex™ buckets are particularly useful with sticky products which can clog up the bottoms of conventional buckets reducing capacity and increasing maintenance. With GB buckets, only the bucket with the bottom can become clogged, and capacity can be rated to allow for this. The remaining buckets, being bottomless, are self cleaning. Dense or extremely light materials are also handled easily as GB buckets have the ultimate vented design.

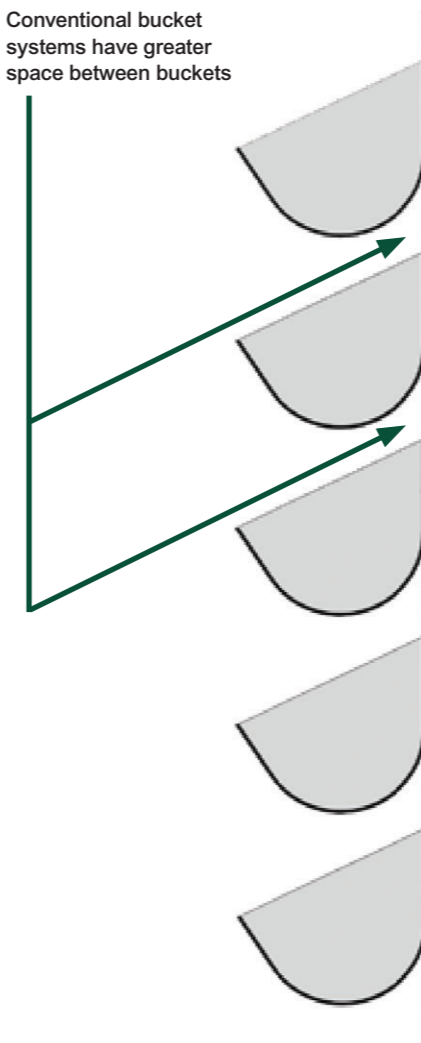
Whether your leg is handling grain, feed, meals, fertilizer, or industrial materials such as free flowing cement, 4B can design a GB Spidex™ bucket system to deliver the capacity you require.

Free Engineering Design Service - contact 4B or visit: [www.go4b.com](http://www.go4b.com)

## Sample Capacity Between GB Spidex™ and CC Style Buckets:

- > GB 12 x 6: 3-7/16" Spacing, 630 ft/min Belt at Actual Working Capacity = 12,600 CFH
- > CC-HD 12 x 6: 8" Spacing, 630 ft/min Belt at Water Level +10% = 6,694 CFH

Conventional bucket systems have greater space between buckets

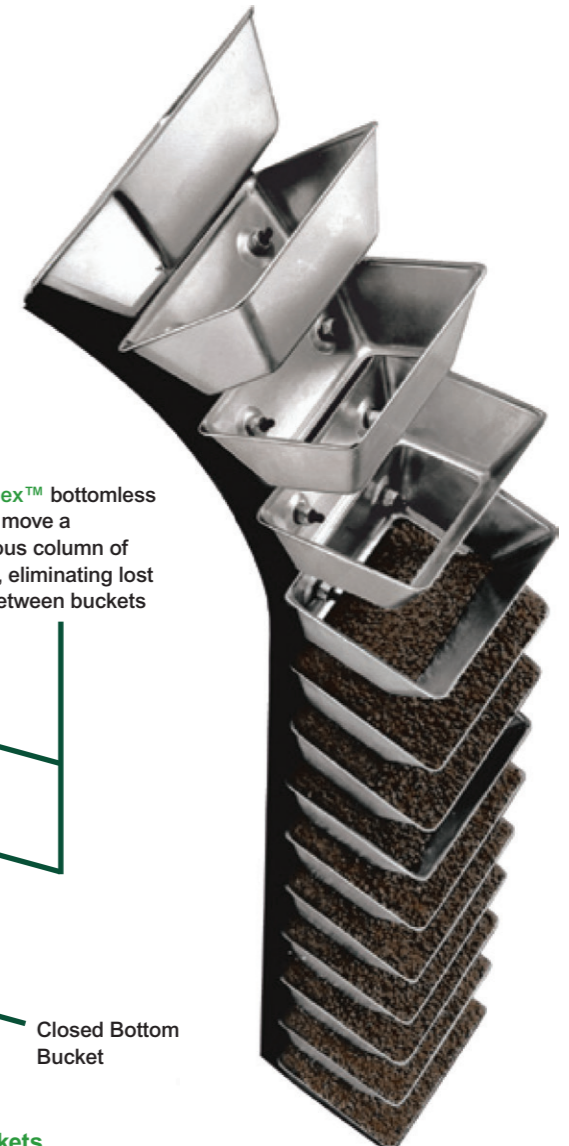


Typical Spacing For Standard Buckets



Spacing For GB Spidex™ Buckets

GB Spidex™ bottomless buckets move a continuous column of material, eliminating lost space between buckets



Closed Bottom Bucket