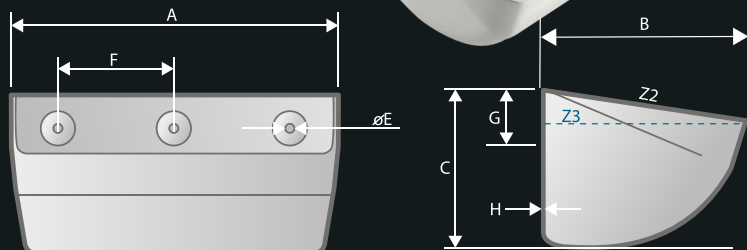


# AGRICULTURAL BUCKETS



**Ucelo**

# S BUCKETS

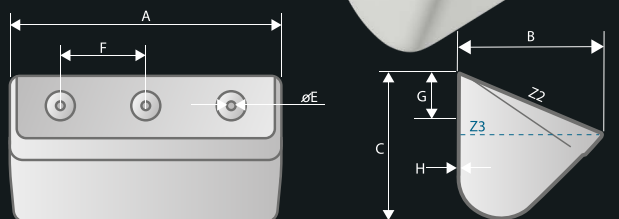


Model	References- (mm)								Volume (L)	
	A	B	C	E	F	G	H	N° Holes	Z2	Z3
S-120	122	100	68	9 A 11	50	25	5	2	0,40	0,30
S-140	142	123	89	9 A 11	63	25	5	2	0,90	0,76
S-200	198	150	100	9 A 11	90/100/105/120	35	5	2	1,75	1,45
S-240	241	161	111	9 A 11	77	35	6	3	2,50	2,10
S-280	280	175	120	9 A 11	80/100	34	6	3	3,35	2,90
S-280A	275	180	135	9 A 11	100	35	6	3	3,55	3
S-300	300	178	125	9 A 11	100	35	7	3	3,90	3,15
S-350	351	195	135	9 A 11	80/90 - 110/120	40	8	3 - 4	5,60	4,75
S-400	402	215	166	9 A 13	90 / 100	53	9	4	8,20	7,15
S-480	487	235	170	9 A 13	90 / 100	55	11	5	11	9,50
SS-400	401	238	176	9 A 13	CUSTOMIZED				8,60	7,10
SS-460	463	234	173	9 A 13	CUSTOMIZED				9,54	7,50
SS-480	483	234	173	9 A 13	CUSTOMIZED				10,51	8,50
SS-515	515	234	173	9 A 13	CUSTOMIZED				11	9,10

- Measurements may have slight variations based on the materials used (PEAD, PA).

- Images are for illustrative purposes only. For technical specifications of the products, please request our technical drawings.

# C BUCKETS



Model	References (mm)								Volume (L)	
	A	B	C	E	F	G	H	N° Holes	Z2	Z3
C-100	103	88	82	9 A 11	57	21	5	2	0,3	0,23
C-120	118	110	96	9 A 11	62	29	6	2	0,556	0,424
C-170	168	130	115	9 A 11	100	37	6	2	1,05	0,75
C-195	195	131	122	9 A 11	100 / 105	34	7	2	1,4	1,1
C-235	232	158	130	9 A 11	118	32	7	2	2,45	1,65
C-250	245	155	150	9 A 11	77/85/100 - 63	37	7	3 - 4	2,25	1,8
C-300	297	160	156	9 A 11	100	35	8	3	3,65	2,55
C-300B	300	195	153	9 A 11	100	40	8	3	4,7	2,84

- Measurements may have slight variations based on the materials used (PEAD, PA).

- Images are for illustrative purposes only. For technical specifications of the products, please request our technical drawings.

## AGRICULTURAL BUCKETS



Up to 70% more cost-effective in acquisition compared to the equivalent in metal



Up to 50% lighter than the metallic equivalent



100% non-toxic



No explosion risk due to sparking



Higher factor of memory recovery after impact.



# PLASTIC ELEVATOR BUCKETS

Gain **RELIABILITY** with the use of Plastic Elevator Buckets:

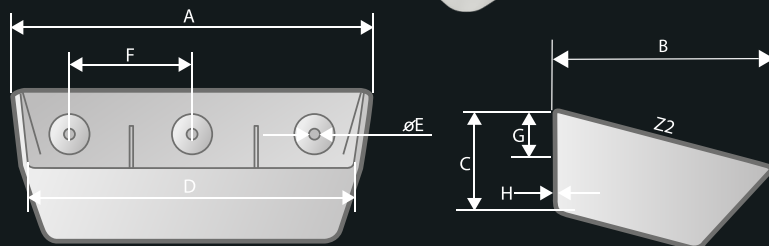
**Safety:** No explosion risk due to sparking.

**Memory Recovery:** Plastic buckets have a post-impact memory factor, a natural property of the polymer to return to its initial state after deformation caused by stress and impact, a characteristic lacking in metal counterparts.

**Maintenance:** The weight loss achieved by using plastic buckets reduces the proportional strain on the belt, shaft (or spindle), and drive mechanism, thus extending the lifespan of these components and reducing maintenance requirements.

## CF/SF BUCKETS

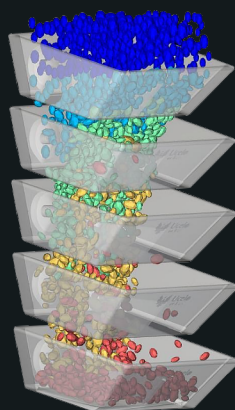
WITH AND WITHOUT BOTTOMS



Model	References (mm)								Volume (L)	
	A	B	C	D	E	F	G	H	N° Holes	Z2
SF-147	145	111	48	137	9 A 11	63	25	6	2	0,48
CF-147	145	111	48	137	9 A 11	63	25	6	2	0,48
SF-200	195	135	60	181	9 A 11	100/105/120	30	6	2	0,9
CF-200	195	135	60	181	9 A 11	100/105 /120	30	6	2	0,9
SF-235	236	144	64	228	9 A 11	77	30	7	3	1,2
CF-235	236	144	64	228	9 A 11	77	30	7	3	1,2
SF-245	245	168	70	243	9 A 11		34	8	3 - 4	1,5
CF-245	245	168	70	243	9 A 11	80 - 53	34	8	3 - 4	1,5
SF-285	285	173	73	271	9 A 11	100	32	8	3	2
CF-285	285	173	73	271	9 A 11	100	32	8	3	2
SF-310	311	198	102	269	9 A 11	65	34	7	4	3,15
CF-310	311	198	102	269	9 A 11	65	34	7	4	3,15
SF-340	340	196	73	331	9 A 11	65/80	33	8	4	2,85
CF-340	340	196	73	331	9 A 11	65/80	33	8	4	2,85
SF-400	395	215	91	376	9 A 13	90	38	9	4	4,4
CF-400	395	215	91	376	9 A 13	90	38	9	4	4,4

- Measurements may have slight variations based on the materials used (PEAD, PA).

- Images are for illustrative purposes only. For technical specifications of the products, please request our technical drawings.



Buckets with and without bottoms can offer a performance boost to your equipment.

**PLEASE CONSULT OUR  
ENGINEERING DEPARTMENT.**



# UCELO

Ucelo produces over 200,000 units of Plastic Elevator Buckets monthly, providing solutions to customers for their new equipment or replacements. Since 2007, we've been working towards the concept of providing solutions, and in 2016, we took a major step by establishing our Engineering department. Its primary goal is to work consistently on improving three key aspects:

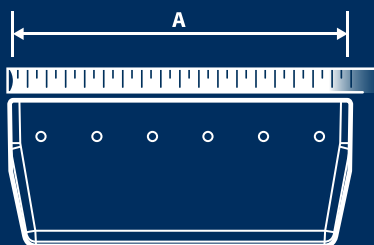
**Polymers:** Through studies and simulations, we select high-performance materials, enabling various applications for our buckets, including grains (soy, corn, wheat, rice, etc.), sugar, fertilizers, among others, in both intermittent and full-scale industrial operations.

**Structural:** Testing tensile strength, impact resistance, and abrasion resistance, both in the real world and virtually, to strategically apply material mass in the component;

**Geometry:** Using software simulations that mimic the movements of solid particles, we work on enhancing the geometry of our buckets to provide the best transport factor per unit.

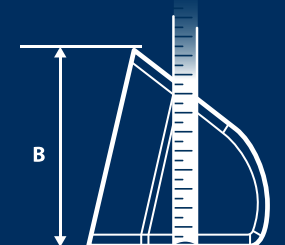
**PLEASE CONSULT OUR  
ENGINEERING DEPARTMENT.**

## HOW TO MEASURE YOUR BUCKET



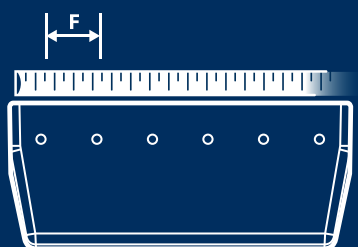
### WIDTH

Measured horizontally on the outer surface of the back.



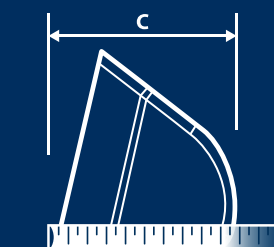
### PROJECTION

Measured vertically with the back supported on a surface.



### BETWEEN HOLES

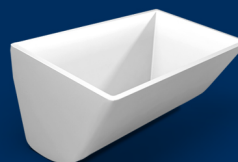
Measurement from center to center of the holes.



### HEIGHT

Measured horizontally with the back supported on a surface.

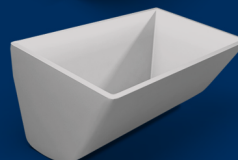
## MATERIALS



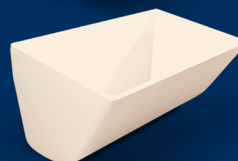
**HDPE**  
High-Density  
Polyethylene



**HDPE EAGLE**  
Ucelo's HDPE Formulation,  
+ Impact and Abrasion  
Resistance



**PA 6**  
Polyamide  
(Nylon) 6



**PA 66**  
Polyamide  
(Nylon) 66

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