PORT SOLUTIONS

CLAMSHELL BUCKETS

MODEL	Weight (including rotator)		Capacity		Maximum Working Density*	
V SERIES	lb	kg	yd^3	m^3	lb/yd^3	t/m^3
CSBV-500-600-RT1002	10,277	4,661	5.00 - 6.00	3.80 - 4.60	2,000	1,2
CSBV-650-780-RT1002	10,855	4,923	6.50 - 7.80	5.00 - 6.00	2,000	1,2
CSBV-1300-1570-RT1202	14,996	6,802	13.00 - 15.70	10.00 - 12.00	2,000	1,2
CSBV-1700-2000-RT1502	21,120	9,580	17.00 - 20.00	13.00 - 15.00	2,000	1,2

CLAMSHELL BUCKETS

MODEL	Weight (including rotator)		Capacity		Maximum Working Density*	
LIGHT DUTY	lb	kg	yd^3	m^3	lb/yd^3	t/m^3
CSB200L-RT502	3,745	1699	2.00	1.53	2,000	1,2
CSB225L-RT1002	4,040	1833	2.25	1.72	2,000	1,2
CSB250L-RT1002	4,135	1876	2.50	1.91	2,000	1,2
CSB300L-RT1002	4,815	2184	3.00	2.29	2,000	1,2
CSB350L-RT1002	5,020	2277	3.50	2.68	2,000	1,2
CSB400L-RT1002	5,225	2370	4.00	3.06	2,000	1,2
CSB450L-RT1002	6,215	2819	4.50	3.44	2,000	1,2
CSB500L-RT1002	6,425	2914	5.00	3.82	2,000	1,2
CSB600L-RT1002	6,680	3030	6.00	4.59	2,000	1,2
CSB700L-RT1202	8,535	3,871	7.00	5.35	2,000	1,2
CSB800L-RT1202	8,675	3935	8.00	6.12	2,000	1,2
CSB900L-RT1202	8,825	4003	9.00	6.88	2,000	1,2
[1]CSB1000L-RT1202	14,025	6362	10.00	7.65	2,000	1,2
[1]CSB1200L-RT1202	14,680	6659	11.00	9.17	2,000	1,2
[1]CSB1400L-RT1202	15,090	6845	14.00	10.70	2,000	1,2
STANDARD DUTY	lb	kg	yd^3	m^3	lb/yd^3	t/m^3
CSB200-RT1002	4,525	2,053	2.00	1.53	3,000	1,8
CSB225-RT1002	4,640	2,105	2.25	1.72	3,000	1,8
CSB250-RT1002	4,750	2,155	2.50	1.91	3,000	1,8
CSB300-RT1002	5,565	2,524	3.00	2.29	3,000	1,8
CSB350-RT1002	5,765	2,615	3.50	2.68	3,000	1,8
CSB400-RT1002	6,015	2,728	4.00	3.06	3,000	1,8
CSB450-RT1002	7,080	3,211	4.50	3.44	3,000	1,8
CSB500-RT1002	7,230	3,279	5.00	3.82	3,000	1,8
CSB550-RT1002	7,425	3,368	5.50	4.21	3,000	1,8
CSB600-RT1202	7,905	3,586	6.00	4.59	3,000	1,8
CSB700-RT1202	10,465	4,747	7.00	5.35	3,000	1,8
CSB800-RT1202	10,635	4,824	8.00	6.12	3,000	1,8
CSB900-RT1202	10,820	4,908	9.00	6.88	3,000	1,8
[1]CSB1000-RT1202	14,480	6,568	10.00	7.65	3,000	1,8
[1]CSB1100-RT1202	14,885	6,752	11.00	8.41	3,000	1,8
[1]CSB1200-RT1202	15,305	6,942	12.00	9.17	3,000	1,8

TECHNICAL DATA

MODEL	Weight (including rotator)		Capacity		Maximum Working Density*	
HEAVY DUTY	lb	kg	yd^3	m^3	lb/yd^3	t/m^3
CSB200HD-RT1002	5,350	2,427	2.00	1.53	4,500	2,6
CSB225HD-RT1002	5,475	2,483	2.25	1.72	4,500	2,6
CSB250HD-RT1002	5,600	2,540	2.50	1.91	4,500	2,6
CSB300HD-RT1002	6,815	3,091	3.00	2.29	4,500	2,6
CSB350HD-RT1002	6,980	3,166	3.50	2.68	4,500	2,6
CSB400HD-RT1002	7,090	3,216	4.00	3.06	4,500	2,6
CSB450HD-RT1202	9,770	4,432	4.50	3.44	4,500	2,6
CSB500HD-RT1202	9,955	4,516	5.00	3.82	4,500	2,6
CSB600HD-RT1202	10,305	4,674	6.00	4.59	4,500	2,6
[1]CSB700HD-RT1202	13,685	6,207	7.00	5.35	4,500	2,6
[1]CSB800HD-RT1202	14,070	6,382	8.00	6.12	4,500	2,6

*The full load average is calculated with the indicated maximum working density.
Full load average = Grapple weight with rotator + (Maximum working density x Grapple volume)
**IMPORTANT: The real load must be evaluated with the handled material density, and compared with the machine minimum lifting capacities at full reach.
***VERY IMPORTANT: The maximum working density is for reference only, this value assumes material that behaves like normal aggregate and will make a slope 2:1, if the material has no viscosity, and has no large chunks. It means that the clamshell bucket must be used for rehandling materials and not for scraping or digging.
[1] Ribs version and reinforced version.

AVAILABLE OPTION FOR CLAMSHELL BUCKETS

REPLACEABLE BOLT-ON CUTTING EDGES

Note: Weight of bolt-on cutting edges option is not included in total weight of Clamshell Buckets.

ORANGE PEEL GRAPPLES

MODEL	Weight (including rotator)		Capacity		Maximum Opening	
5-TINE SERIES	lb	kg	yd^3	m^3	in.	mm
OP5S380-RT1202	11,690	5,302	4.97	3.80	171 3/4	4362
OP5S450-RT1202	12,530	5,684	5.89	4.50	179	4547
6-TINE SERIES	lb	kg	yd^3	m^3	in.	mm
OP6S500-RT1202	17,515	7,945	6.54	5.00	187 3/4	4772
OP6S700-RT1202	20,750	9,412	9.16	7.00	208	5283
OP6S1000-RT1502	27,570	12,506	13.08	10.00	223	5669

Specifications and models may vary without notice. For the most accurate and up-to-date information, please visit our website or contact your regional sales representative.