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MACHINE TYPE

**CLAMSHELL GRAB**

WORKING SYSTEM

**ELECTRO-HYDRAULIC**

MATERIAL TO BE HANDLED



REFERENCE

**C2-1,8**

p. 24

RELATED PRODUCTS



**C2H-1,8**

MAX. MATERIAL DENSITY

**1,8 T/M<sup>3</sup>**

CYLINDER QUANTITY

**2**

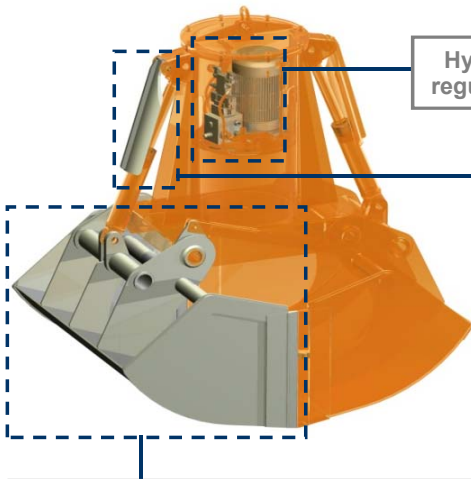


**C2AP-1,8**



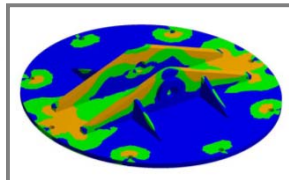
**CM4-1,8**

PILED AND BULK MATERIAL UP TO 1,8 t/m<sup>3</sup> DENSITY



Hydraulic unit equipped with self-regulated piston variable flow pump

Full protected hydraulic cylinders



Structure validated by Finite Elements Analysis

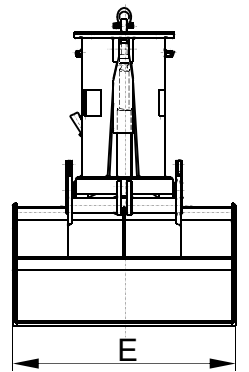
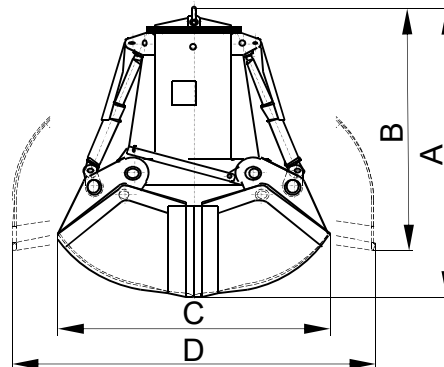
Clamshell design with optimal penetration that allows full loading in all the operations thanks to a kinematic design at lifting and penetration mode including wear resistant lips

**Equipment needed**

- Hook(s) or lifting chain(s).
- Electric connection for hydraulic unit.

**Technical information**

- Robust structure in S355 J2G3 rolled steel.
- Oil tank tightly enclosed and protected from environment impurities.
- Reduced height, multi-stable, can work at any angle ( $\pm 60^\circ$ ).
- Design & fabrication according to standard FEM 1001/98 section I.
- CE conformity.



Reference	Capacity m <sup>3</sup>	Engine 40% ED kW	Intensity 400 V A	Working pressure bar	Closing time s	Opening time s	Crane SWL t	Weight kg	Dimensions mm				
									A	B	C	D	E
C2-1000-1,8	1	7,3	14,5	120	7	4	4	1430	2080	1820	1750	2230	1250
C2-1250-1,8	1,25	10	20	160	7	4	4	1500	2170	1835	1850	2410	1300
C2-1500-1,8	1,5	10	20	180	8	4	5	1560	2230	1845	1950	2525	1400
C2-2000-1,8	2	10	20	160	11	6	6,3	2330	2430	2100	2150	2800	1600
C2-2500-1,8	2,5	10	20	200	13	7	8	2450	2530	2120	2250	2995	1700
C2-3000-1,8	3	20,5	39	150	11	5	10	3230	2930	2510	2450	3220	1800
C2-3500-1,8	3,5	20,5	39	180	11	5	10	3360	2990	2520	2550	3335	1900

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