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MACHINE TYPE
CLAMSHELL GRAB



REFERENCE
CM1R-1,8



p. 34

RELATED PRODUCTS



CM1-1,8



CM2-1,8



CM4-1,8

WORKING SYSTEM
MECHANICAL (RADIO CONTROLLED)

MAXIMUM MATERIAL DENSITY
1,8 T/M³

CABLE QUANTITY
1

MATERIAL TO BE HANDLED

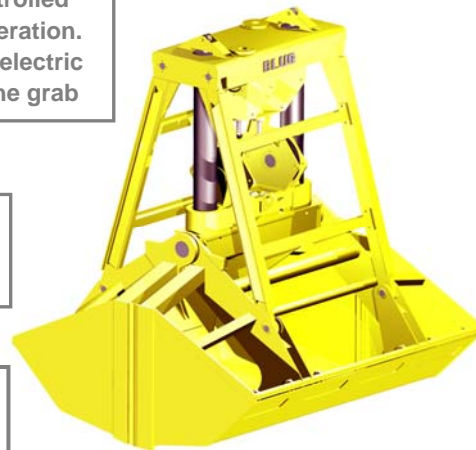
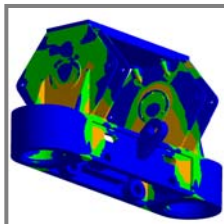
CEMENT, CLINKER, BAUXITE, FELDSPAR, PILED AND BULK MATERIAL UP TO 1,8 t/m³ DENSITY

Damping system for grab's opening



Radio controlled opening operation. There is no electric supply to the grab

Unlocking system commanded by an hydraulic cylinder



Structure validated by Finite Elements Analysis

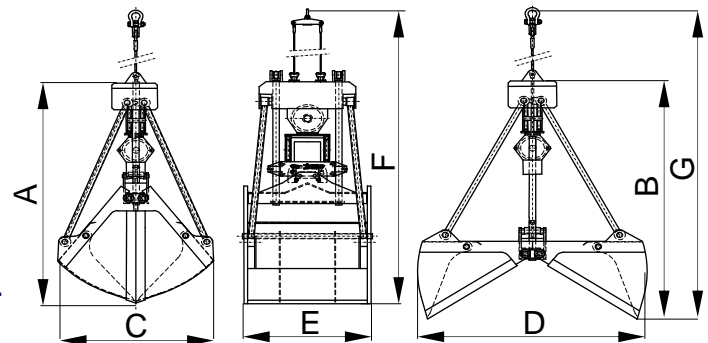
Clamshell design with optimal penetration that allows full loading in all the operations thanks to a kinematic design at lifting and penetration mode including wear resistant lips

EQUIPMENT NEEDED

- 1 lifting cable.

TECHNICAL INFORMATION

- Robust structure in S355 J2G3 rolled steel.
- Complete load through maximum penetration force.
- Design & fabrication according to standard FEM 1001/98 section I.
- CE conformity.



| Reference | Capacity m ³ | Withdraw n cable m | Pulley Ø mm | Cable Ø mm | Crane SWL t | Weight kg | Dimensions mm | | | | | | |
|----------------|----------------------------|--------------------------|-------------------|------------------|-------------------|--------------|------------------|------|------|------|------|-------|-------|
| | | | | | | | A | B | C | D | E | F | G |
| CM1R-3400-1,8 | 3,4 | 3400 | 450 | 22 | 10 | 3750 | 2980 | 3135 | 2535 | 2870 | 2130 | 7045 | 7200 |
| CM1R-4200-1,8 | 4,2 | 3200 | 450 | 24 | 12,5 | 4750 | 2970 | 3090 | 2245 | 2915 | 2425 | 6850 | 6970 |
| CM1R-5400-1,8 | 5,4 | 3510 | 500 | 26 | 16 | 6000 | 3210 | 3350 | 2500 | 3170 | 2510 | 7410 | 7550 |
| CM1R-6500-1,8 | 6,5 | 3720 | 565 | 28 | 20 | 7500 | 3485 | 3615 | 2650 | 3410 | 2700 | 7900 | 8025 |
| CM1R-8500-1,8 | 8,5 | 4085 | 625 | 32 | 25 | 9300 | 3940 | 4065 | 2885 | 3725 | 2975 | 8710 | 8840 |
| CM1R-10000-1,8 | 10 | 4800 | 700 | 36 | 30 | 10000 | 4100 | 4300 | 3100 | 3900 | 3200 | 9500 | 9300 |
| CM1R-11500-1,8 | 11,5 | 5030 | 700 | 36 | 32 | 10800 | 4250 | 4610 | 3320 | 4200 | 3425 | 10300 | 10700 |

SUBJET TO CHANGE WITHOUT NOTICE.

Reeving system 1:3 / 1:4

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