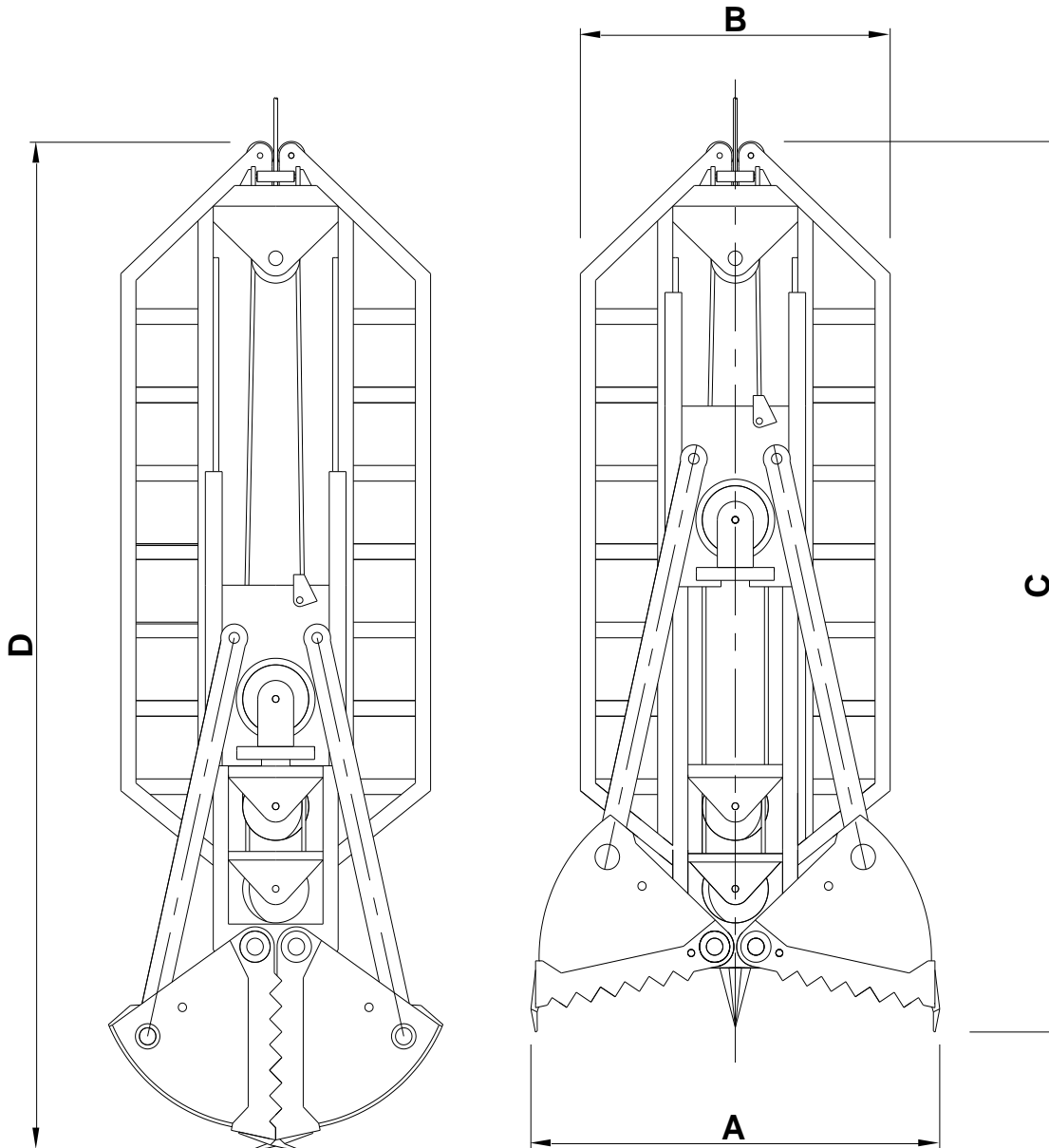


ROPE-TYPE DIAPHRAGM WALL GRAB BRD825
BENNA MECCANICA PER DIAFRAMMI VERSIONE BRD825



BRD 825 – Technical Data						
Descriptions	ref.	u/mis.				
Jaws width		mm	800	1000	1200	1500
Maximum jaws aperture	A	mm	4000	4000	4000	4000
Minimum jaws aperture	A	mm	2500	2500	2500	2500
Maximum width of guides	B	mm	3800	3800	3800	3800
Minimum width of guides	B	mm	2350	2350	2350	2350
Height with open jaws (*)	C	mm	9200	9200	9200	9200
Height with closet jaws (*)	D	mm	10000	10000	10000	10000
Weight (*)		ton.	12,5	13,2	14,5	16,5
Maximum closing force		ton.	48	52	60	68
Pull ratio		nr.	6/1	6/1	6/1	6/1
Rope diameter		mm	28	30	32	32

(*) Values calculated of grabs with rectangular section jaws of aperture 3000 mm – The above specifications are informative only and in no way binding. The right is reserved to alter the data without prior notice.

PRINCIPALS DESCRIPTION

- The BRD 825 to be used in conjunction with a double-winch crane of capacity not less than 70 tons. The very considerable weight, the pull ratio (6/1), and the particular materials and constructions on the grab provide the ideal conditions fore excavation work in soil of a hardness ≥ 250 Mpa.
- Jaw sets either of rectangular or semi-circular section, and guides of different dimensions are interchangeable on the same grab body.
- A hoist assembly made up of 5 large diameter pulleys, more one auxiliary, each of which is mounted on two roller bearings.
- Pins which are subject to high dynamic loading are temper, and mounted to wear- resistant bushes.
- The excavation set is compound of jaws equipped with BOFORS or ESCO teeth; a pair of lateral guides, and a pair of soil ejectors designed to expel the excavated material as the jaws are opened.
- The vertical and horizontal edges of the jaws are of a special hardened steel, with hardness ≥ 500 HB.
- Rope and reversing pulleys are installed ready for operation and replaceable within the space of few minutes.
- Chisel with particular teeth.

