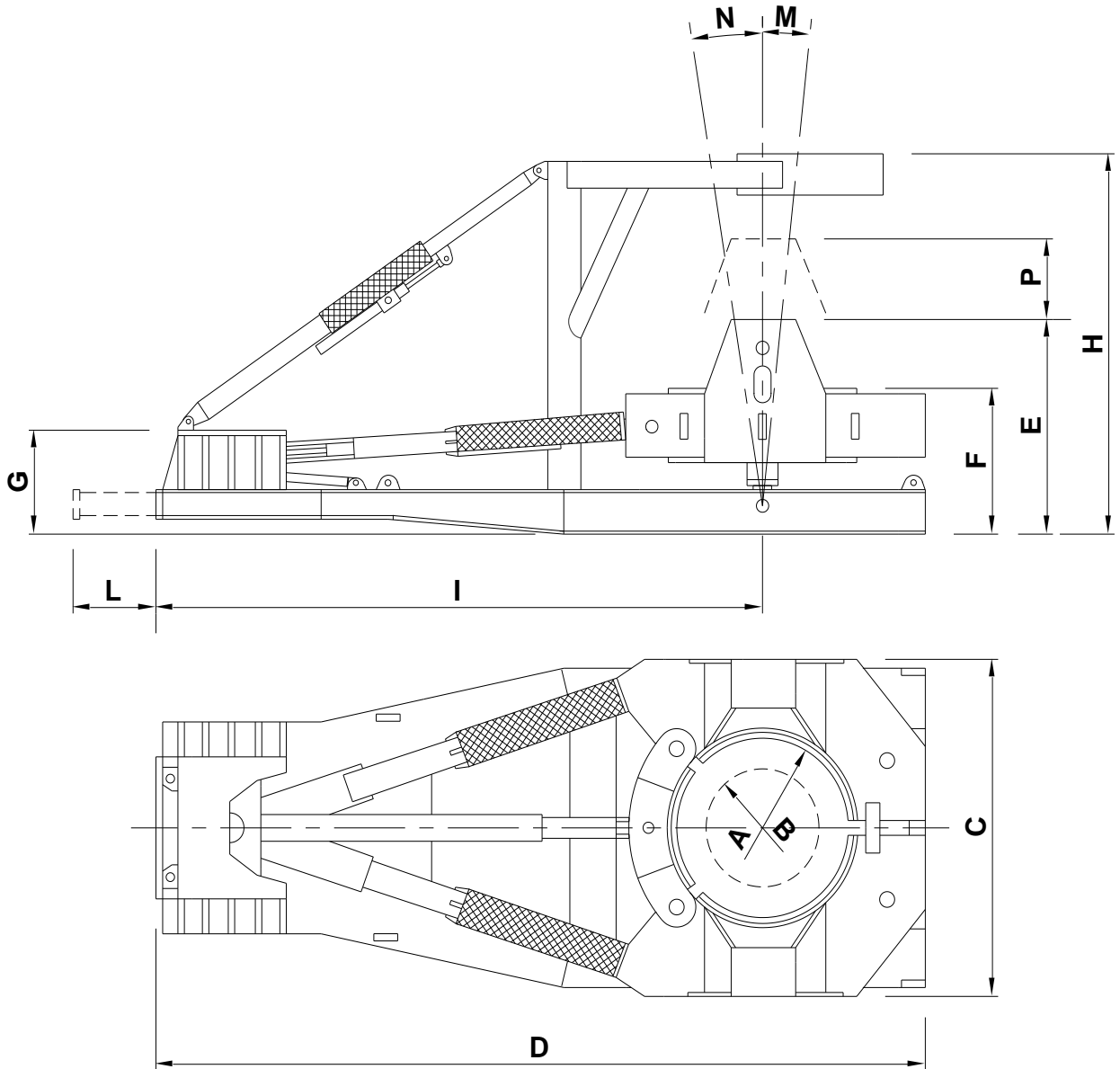


CASING OSCILLATOR TYPE GA-S
MORSA GIRACOLONNA VERSIONE GA-S



CASING OSCILLATOR GA/S – Technical Data							
Descriptions	ref.	u/mis.					
Casing diameter	A	mm	1000	1200	1500	1800	2000
Minimum diameter feasible	B	mm	600	800	1000	1200	1500
Width	C	mm	1950	2270	2800	3100	3250
Length	D	mm	5100	5750	6600	7350	7600
Height	E	mm	1700	1830	1900	2000	2000
Minimum height of collar	F	mm	990	1150	1230	1350	1350
Height of rear mounting	G	mm	850	900	980	1100	1150
Distance from casing axis	H	mm	4200	4580	5250	5830	6000
Telescopic drawbar stroke	I	mm	1000	1000	1250	1500	1500
Forward tilt	α	mm	6°	6°	6°	6°	6°
Rearward tilt	β	mm	8°	8°	8°	8°	8°
Lifting force		kN	1400	1680	2300	2700	3500
Lifting stroke	L	mm	500	600	600	650	700
Clamping force		kN	950	1350	1700	2200	2850
Number of clamp segments		Nr.	5	5	5	5	5
Torque		kNm	1200	1600	2850	4000	6200
Oscillation angle			26°	26°	25°	25°	25°
Braking force		kN	190	266	266	340	580
Maximum pressure		Bar	320	320	320	320	320
Weight		Ton	9	12,5	16,5	21	28
The above specifications are indicative only and in no way binding. The right is reserved to alter the data without prior notice							

PRINCIPALS DESCRIPTION

- The casing oscillator GA/S series, have been build when the requirement for working at depth necessitates an appropriate weight of the equipment, considerable torque and a wide angle of oscillation.
- The clamp assembly it's in 5 articulated segments, constructed to provide appropriate tolerance and grip on the casing tube.
- The two oscillator rams are designed to produce a synchronized alternate rotating movement of the clamp assembly, their motion being automatically reversed by two end/of/travel switches.
- The mobile carriage is provided with a hydraulic ram, together with it's hydraulic supply hoses, for centering and adjusting the position of the clamp assembly at the front. A special hydraulic circuit permits free movement of the telescopic stabilizer during other operation of the equipment.
- A brake assembly composed of 4 articulated segments complete of hydraulic ram.
- Hydraulic plant for the supply of hydraulic oil, at pressure, to the hydraulic rams either by means of the hydraulic system of the crane.
- Electrical plant to supply the necessary power, from the hydraulic power pack or other power source, to the electro-hydraulic distributors, end/of/travel switches and remote control panel. A 24 volts supply is required.
- As an optional, a control device with monitors the verticality of the casing tube during the insertion phase can be supplied upon request. An inclination of $\pm 5^\circ$ can be detected and the transducer and visual display are mounted on the remote control panel.