



SINGLE-BLADE MOBILE COMPACTOR MOD. SCM



Single-blade (pendulum) compactor is particularly suggested for the discharge of satellite vehicles or to compact extremely bulky materials. The articulated single-blade compaction system is characterized by a loading plan with minimized height from the ground, and facilitates the discharge of waste by satellite collecting vehicles.

The truncated cone bin is realized with rounded corners to facilitate materials discharge (by dumping), while press-formed reinforced covering guarantee a suitable time resistance.

The backdoor is furnished with side opening or hydraulically pivoted, both equipped with a gasket. The press-unit, composed by a blade installed on a swing slide, is built in wear material and is able to exert a pushing power of 46 tons.

Other compactor's structural elements are: frontal lifting mobile hook, frontal hopper's gates with safety limit switch, front and back rollers, additional hook for back-lifting the machine and moving on the ground, toothed waving stirrup inside the tank to keep waste in place while compacting.

The electro-hydraulic functioning is allowed by a 4 poles asynchronous electric engine (380 V – 7,5 KW = 10 HP at 1450 rpm) and is also available the version with a mono cylinder engine, diesel cycle, 15 Hp (SCMD).

Machine functions, managed by an **electric and digital control panel** through an electric Programmable Logic Controller (PLC) with **commands viewer**, include also: automatic phase switch, key clutch, emergency buttons, remote control connector, external pressure gauge for performance's pressure control, industrial type power plug with norm compliant cable (6mt).

There are two selectable cycles of compaction: manual or automatic (single or multiple) completely setting up on board.

Painting in requested colour after double layer of rust.



| Models SCM | | 17 | 19 | 21 | 23 | 25 |
|---|-------------------|-------------------------------|------|------|------|------|
| Mass | (Kg) | 4600 | 4800 | 5000 | 5100 | 5200 |
| Length | (mm) | 5400 | 5800 | 6200 | 6600 | 7200 |
| External Width | (mm) | 2550 | | | | |
| Maximum Height | (mm) | 2600 | | | | |
| Feed Hopper Width | (mm) | 2380 | | | | |
| Feed Hopper Height | (mm) | 1200 | | | | |
| Feed Hopper Depth | (mm) | 1600 | | | | |
| Compaction Chamber Volume = compacting volume per cycle | (m ³) | 2,8 | | | | |
| Hopper Volume | (m ³) | 6,5 | | | | |
| Technical Features are common for each model | | | | | | |
| Capacity Oil Tank | (l) | 110 | | | | |
| N. Cylinders | | 4 | | | | |
| Engine Power | (Kw) | 5,5 - 7,5 (standard) - 9 - 11 | | | | |
| Diesel Engine Power (optional) | (Kw) | 11 (mono-cylinder) | | | | |
| Complete machine cycle | (s) | 35 | | | | |
| Pushing Power | (Ton) | 46 | | | | |
| | (KN) | 458 | | | | |
| Maximum performance pressure | (bar) | 200 | | | | |
| Noisiness (electric engine) | (dBa) | 76,4 | | | | |
| *Technical and constructive features may vary without notice. | | | | | | |

The machine is realized in compliance with Machinery Directive 2006/42/CE. Electrical system and panel are made in compliance with CEI norm and IP 55 security. Active and passive safeties have been arranged in compliance with norms (UNI EN ISO) actually in force.



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