

MOBILE SCREW (AUGER) COMPACTOR MOD. SCV



The roll on-off screw (auger) compactor mod. SCV is particularly suggested for extremely bulky materials, such as cardboards, packages, pallets, etc.

The screw compaction system allows a high compression ratio and also grind down materials before their compaction.

The truncated cone bin is realized with rounded off corners to facilitate pressed materials discharge. This is allowed by a side opening backdoor that could be realised as follow: mono-fold door or horizontally pivoted door.

The compactor is built in steel of quality (S355JR) with particulars in **wear material** (HARDOX). Press-formed reinforced, external and vertical to the chest, make stronger the structure ensuring adequate resistance to the exercised forces

Being the **functioning exclusively "electrical"**, the compaction system with screw, is characterized by a **low noisiness** of the machine. During the compaction, sound levels are **lower than 70 dBa**.

The electrical system is furnished with a 4 poles asynchronous electric engine 380 V/50 Hz, with powers that vary from 5,5 Kw to 18,5 Kw at 1450 rpm. This engine is coupled to a gear motor for the screw starting that exercises a pushing power of 70 tons.

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The machine functions are managed by a **digital control panel** through an electrical equipment: programmable logic controller (PLC) with **commands viewer**, these include also: automatic phase switch, key clutch, emergency buttons, remote control connector, industrial type power plug with norm compliant cable (6 mt). The practicable compacting cycles are: manual or automatic (single or multiple), **completely setting up on board**.

Depending on material's typology, the machine could be furnished with a **device for the convoy**, that facilitates the inflow of waste to the compaction.

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.

Technical Features SCV							
Power (KW)		5,5	7,5	9,2	11	15	18,5
Protection (A)		32	32	32	32	63	63
DIMENSIONS	Volume (m³)	16 (min) - 24 (max)					
	Mass (Kg)	4500 (min) - 5200 (max)					
	Length (mm)	5000 (min) - 7000 (max)					
	Width (mm)	2550					
	Height (mm)	2600					
	Hopper (mm)	2200 X 1800					
	Feed Hopper (mm x mm)	1900 X 1380					
	Loading plan height (mm)	1400					
Medium compression ratio		7:1					
Automatic lubrication system		yes					
Remote control		yes					
Material		Cardboard	Plastic (separate collection)		Pallet - Wood		
Compacting KG in a Compactor of 30 m³		5000-6000	4000-5000		4000-5500		

*Technical features may vary without notice.