



## STATIC SCREW (AUGER) COMPACTOR MOD. SPV



The **stationary Screw (Auger) Compactor mod. SPV** is particularly suggested for extremely bulky materials like great packages, cardboards and pallets.

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

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 press unit (screw model), is built in steel of quality (S355JR) with particulars in wear material (HARDOX) as the internal of the press and a part of the woven-wire.

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.

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**.

**A wide hopper** is bolted to the top of the press and is furnished with different requested capacities in order to adapt to any structure.

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 SPV*							
<b>Power (KW)</b>	5,5	7,5	9,2	11	15	18,5	
<b>Protection (A)</b>	32	32	32	32	63	63	
<b>DIMENSIONS**</b>	<b>Mass (Kg)</b>	2930	2950	2980	3000	3050	3100
	<b>Length (mm)</b>	1900					
	<b>Width (mm)</b>	2600					
	<b>Height (mm)</b>	1400					
	<b>Feed hopper (mm x mm)</b>	2000 X 1380					
<b>Medium Compression ratio</b>	7:1						
<b>Automatic lubrication system</b>	Yes						
<b>Remote control</b>	Yes						
<b>Material</b>	Cardboard	Plastic ( separate collection)			Pallet - Wood		
<b>Compacting KG in a Container of 30 m<sup>3</sup></b>	7500-9000	5500-7000			5000-7000		

\*Technical features may vary without notice. \*\*Without hopper.

A container with a cubic capacity to 40 m<sup>3</sup>, is coupled to the press (as requested length) and It can be also realized with an **hydraulic cap** (using also for different needs). Appropriate securities allow the functioning of the press even if the container is coupled to it.



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