

Supremacy
in manufacturing...



Spyros Houtris & Sons Ltd
Lefkonitziatis

➤ "Refuse Collector,"

Refuse Collector Vehicles, Fire Fighting Vehicles, Truck Bodies, Waste / Paper Compactors and Airport handling equipments



"Special Loader,"



*Solutions
Designers*

... innovative equipments for transport and waste management !



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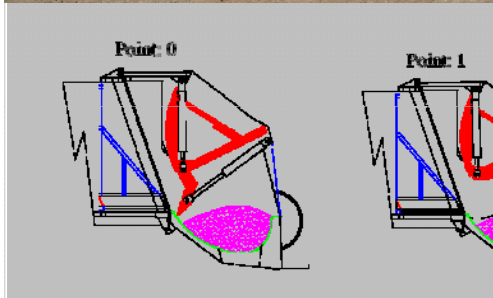
"Product Information,"

Refuse Collector Vehicles, Fire Fighting Vehicles, Truck Bodies, Waste / Paper Compactors and Airport handling equipments

Product Description



- Following the continues technological improvements, S. Houtris and Sons Ltd continuously upgraded and develop in RCV field as well as in its area of application. The **special Series** of SHPC, characterized by its **quality** and reliability that always offer.
- SHPC compaction system based in **pendulum design** (no slider) ensure the most effective compaction results, maintenance free system and much lower **sound emissions**, positioned the SHPC in the highest level on its category.



- Its "Environmental friendly Character" has been confirm with the extremely **low sound emissions** (73.5dB) results, achieved due to its optimum design.
- The SHPC design according to a series of EU Standards & Directives, marked with **CE** and guarantee its efficiency due to its robust and reliable design.
- SHPC is design to satisfy a high range of waste material (mixed waste, domestic, industrial, recycle material etc). This is occur due to the **multifunctional operation** that SHPC has continuously or discontinuously compaction operation.
- Its custom made **bin lifting** device allows to emptying all common bins which are comply with EN and/or DIN standards.



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"Main Features,,

Refuse Collector Vehicles, Fire Fighting Vehicles, Truck Bodies, Waste / Paper Compactors and Airport handling equipments



Technical Features

- Hopper made of HARDOX 400-450, 6mm
- Container floor made of HARDOX 400-450, 4 or 5mm
- Hopper Volume: 1.7m³
- Compaction ratio: 7:1 / 500Kg / m³
- Working Pressure: 170 Bar
- Compaction Cycle time: 23 sec



EU Standards & Directives

- EN 292-1&2: Safety and Machinery
- EN 294: Safety Distances
- EN 288: Welding Procedures
- 2006/42/EC: Machinery Directive
- 89/336/EEC: Electromagnetic Compatibility
- 2000/14/EEC: Noise Emission Directive
- EN 349 : Minimum gaps to avoid crushing of parts of the human body
- EN 1501-1: 1998 + A2:2009 : Refuse collection vehicles and their associated lifting devices – General requirements and safety requirements.
- EN 1501-4: 2007: Refuse collection vehicles and their associated lifting devices – Noise Test Code.

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Specifications

- Design according to the latest edition of EN 1501-1 & EN 1501-4
- Low sound levels **73.5dB**
- Safety systems on workers **foot-step**.
- Bin lifter can load bins of 80lt to 360 lt (as pair) and four wheel bins 1300lt. (EN 840-1/2/3)
- Bin lifter mechanism can tilt up to 50 degrees.
- Compaction operation continues while bins are fully tilted.
- Waste liquids collected into a **250-500 lt tank** below hopper.
- Equipped with high pressure **washing system** and / or **disinfection system** (optional).
- Equipped with **Color Rear view System**
- Sound warning during waste discharge.
- Electronically controlled by PLC
- Equipped with weighting system (optional).
- CE Marking Certification.
- Built in **Safety bar** for maintainace
- High **quality/reliability seal**.
- On ergonomic position, a **water tank** is installed for workers.
- Material unloading can be completed using a double acting telescopic cylinder either by **cab controls** or **side controls** .
- Ejection plate withdraws gradually to keep the material compressed all time.
- ... and much more, ask **our technical department**.

Technical Data

Check our RCV models

Volume - m ³	6	8	12/14	16	18	20	22 /25
Hopper volume - m ³	0.5	0.5	0.7-1	1.2	1.7	1.7	1.7
Body length - mm	4000	4400	5800	6250	6400	6950	7650
Overall length-mm	5800	6100	7300	8300	8460	9340	9900
Width - mm	1900	2100	2230	2230	2400	2450	2500
Body Height - mm	1600	1600	1800	1800	1960	2100	2100
Overall Height - mm	2600	2850	3120	3150	3270	3370	3370
Loading Height -mm	1000 -1250 (with door open)						
Loading Height-mm	1400 -1700(with door close)						
Body weight (Kg)	3000	3200	3800	4200	4600	5000	5500
Compaction (kN)	112/150	112/150	112/150	310/248	310/248	325/256	325/256
Vehicle GVW (t)	7.5	10	15	18	18	26	26/32
Operation by:	Hydraulic pump through PTO						

Subjected to technical modifications

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