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Lasso™ semi-underground PEAD

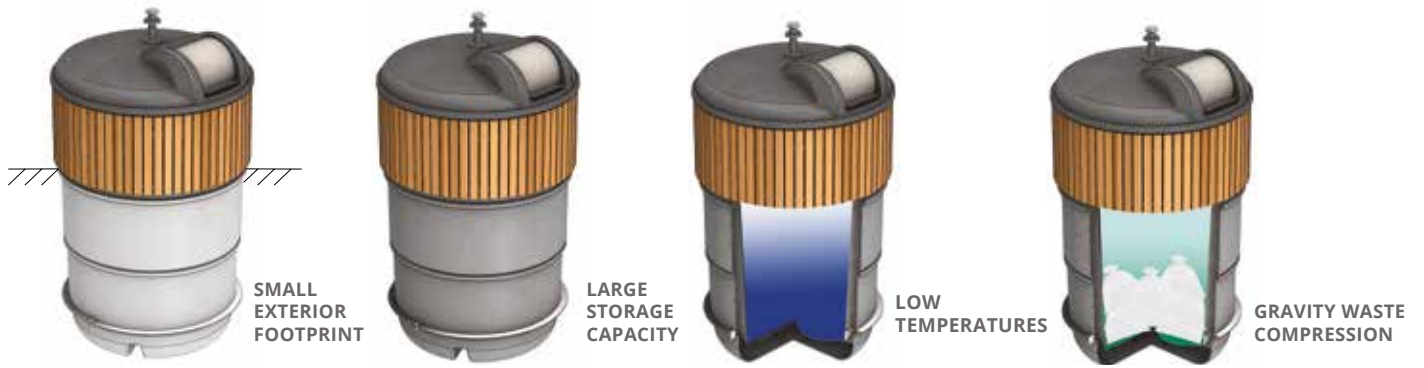


ECO INNOVATION

HIGHER EFFICIENCY AND SUSTAINABILITY



LIXO DOMÉSTICO **SIM**
Lixo recolhido em nome do
serviço de recolha de resíduos
NÃO
Resíduos de outros
tipos de resíduos
de outros
lasso™



The lasso™ semi-underground container is available in 5m³ and 3m³ capacities.

Reduced space occupation and minimum visual impact at the surface, as only 1/3 of the container is visible.

The lower underground temperatures slow down bacteria growth, contributing to odour reduction.

Waste compression by its own weight allows higher density than surface containers.

The investment and operating costs are low due to its simplicity, high capacity and fast collection operation.

Finishing

Anodized Aluminium



Lacquered Aluminium



Wood



Recycled Plastic



Finishing Image



Lids

Standard



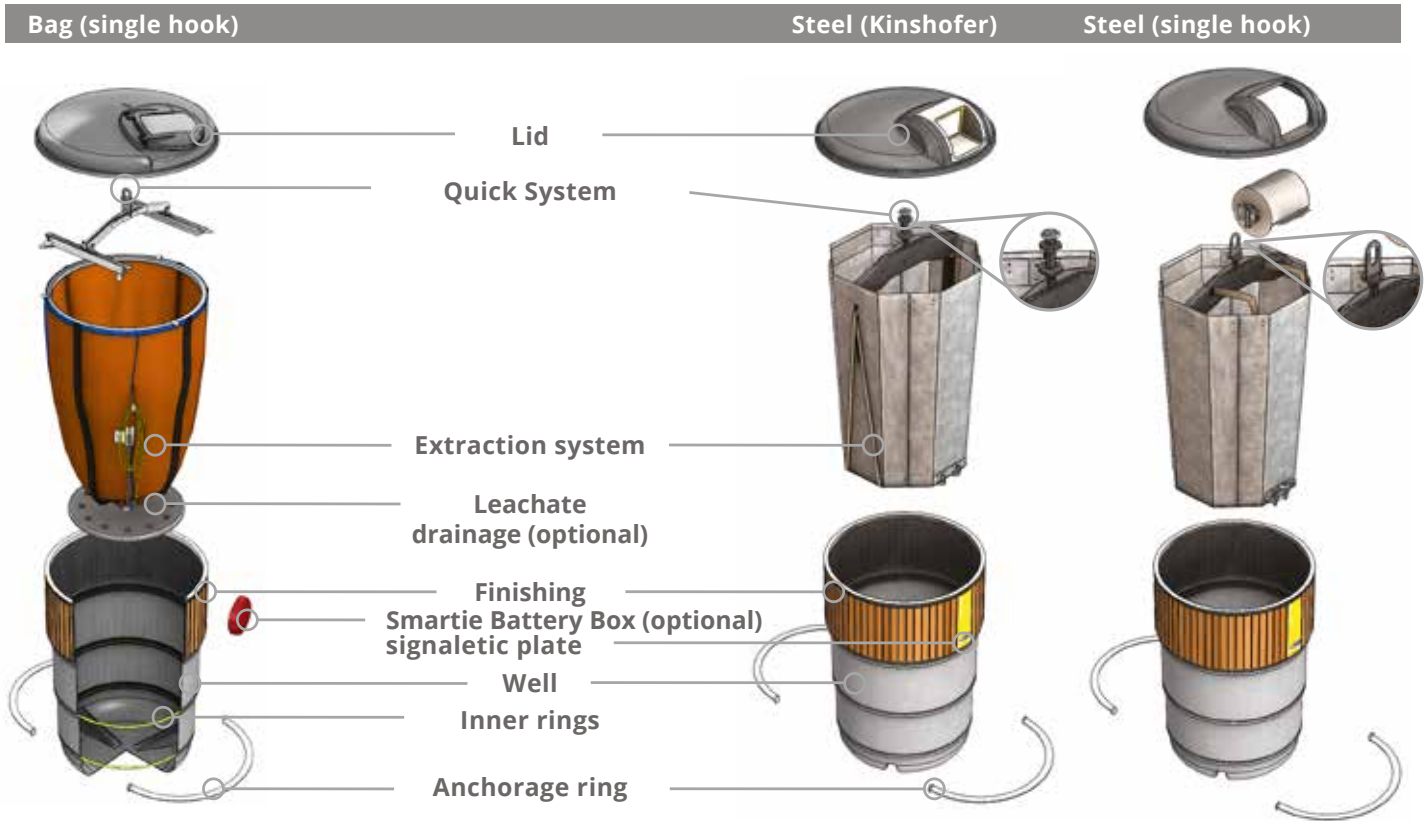
Double Drum



Vertical Opening



Standard Colour: Dark grey
Other colours available upon request.



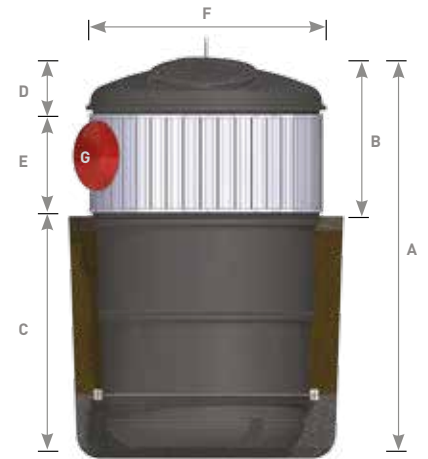
Components	Description
Lids	In high-density polyethylene. Available in several options: standard, vertical or double drum opening, compatible with access control systems.
Quick System	Single hook or Double hook/Kinshofer (the Double hook/Kinshofer system is only available for extraction systems with metal containers).
Extraction System	<p>Flexible: Standard Bag : In polypropylene double layer. Reinforced with high resistance PVC layer for glass waste. Masterbag™ (Patent EP2194005 A1): In polypropylene double layer and high resistance PVC layer, provides a watertight element for waste extraction that allows retention of leachate.</p> <p>Rigid: Metal Container with Simple Hook: Made of hot-dip galvanized steel, bottom opening with single door; enables leachate retention. Fire classification is M0. Metal Container with Kinshofer System: In hot-dip galvanized steel, bottom opening with double door; enables leachate retention; with kinshofer system of flexible chain and anti rotation "mushroom" for better and easy manoeuvring; Fire classification is M0.</p>
Finishings	Autoclave treated wood, recycled plastic, anodized aluminium, lacquered aluminium or finishing with customized high definition printing on vinyl .
Signaletic plates	Signaletic plates are in thermo lacquered aluminium with silkscreen printing (Optional : high definition digital printing on vinyl).
Well	High density polyethylene (HDPE) water-tight well, produced by rotational moulding to ensure complete water tightness. The top aluminium ring prevents any possibility of deformation and allows perfect fit between lid and well.
Inner Rings	Pressure resistance: the well is reinforced with tubular galvanized steel inner rings to prevent deformation.
Anchorage Ring	Anchorage resistance: An anchoring ring allows better fixation of the well to the ground.

Optional Components	
Leachate drainage	Only for containers with flexible bag; prevents contact between collection bag and possible leachates.
Battery Box	Red colour and round shape, the smartie battery box has a format that fits into the circular wall of the lasso™ HPDE semi-underground container.



SEMI-UNDERGROUND CONTAINERS

	3M ³	5M ³
A. Container Total height (with lid)	2800 mm	2850 mm
B. Total height above ground level	1200 mm	1250 mm
C. Well height, below ground level	1600 mm	1600 mm
D. Lid height	350 mm	400 mm
E. Finishing height	700 mm	700 mm
F. Well diameter	1300 mm	1700 mm
G. Volume of the battery box	8 L	8 L
Well weight	108 Kg	166 Kg
Average thickness of the HPDE walls	12 mm	14 mm



Installation



STANDARD INSTALLATION

- 01.** Dig a pit with a depth of 1,6m and a width of 1,90m (3m³) or 2,30m (5m³).
- 02.** Create a well-compacted layer and stabilize the bottom.
- 03.** Place the well in the pit ensuring its vertical positioning.
- 04.** Proceed by filling the empty spaces around the container with well compacted filling material.
- 05.** Proceed with the surface finishing of the surrounding area.

Note: The semi-undergrounds are delivered with a complete installation guide.

Maintenance

The lasso™ HPDE semi-underground containers are characterized by their high strength and low maintenance, having been designed for intensive use under extreme environments for an extended period of useful life.

Certificates, Standards and Patents

In compliance with the EN 13071-1 / EN 13071-2 Standards

Directive 2000/14/CE (noise): LW 65,8 dB / LWA 48 dB(A)

Collection Bag : EN 21898:2001 (EFIBCA 006)

Quality and environment management system for the design, production, distribution and installation of semi-underground containers certified according to ISO 9001 and ISO 14001 Standards.

Patent EP2194005 A1 (Masterbag™)



Intelligent systems for the management of Municipal Solid Waste

The lasso™ semi-underground containers are compatible with access control systems and filling level monitoring systems enabling the implementation of PAYT systems and optimization of the collection process.

