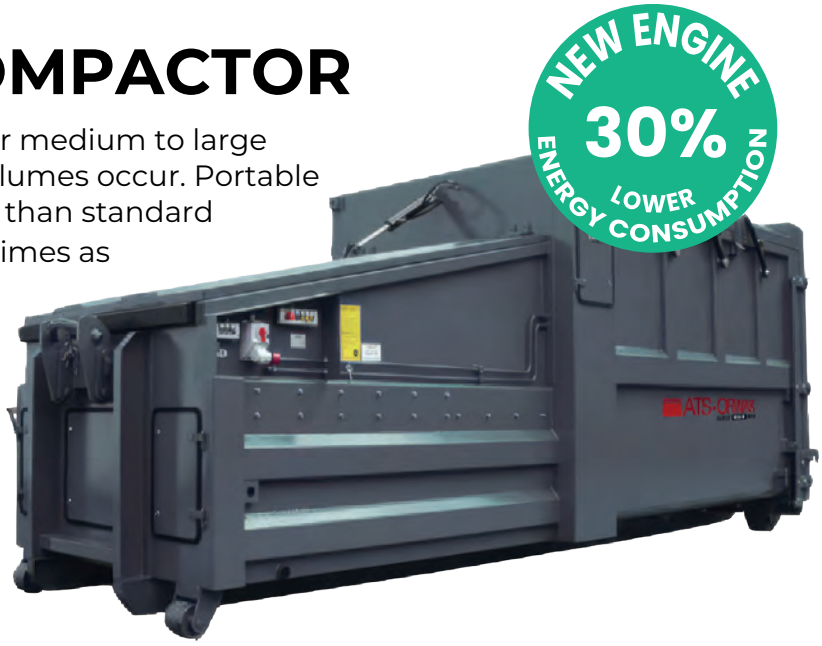
SULO®

PORTABLE COMPACTOR

Portable compactors are ideal for medium to large operations where large waste volumes occur. Portable compactors take up more space than standard containers but hold up to eight times as much material.



AUTOMATED SOLUTION

125 M³/H

THEORETICAL CAPACITY

ADVANTAGES OF PORTABLE COMPACTOR

More Efficient Use of Time
Thanks to the automated process, less time is spent on waste management and more can be devoted to core activities.

Simpler and Safer
Compactors make material handling easier and more comfortable, while providing a cleaner and safer work environment.

Lower Transport Costs
Compaction reduces waste volume which reduces transport for the disposal of dry mixed recycling or general waste. This therefore reduces co2 and costs associated with transport in equal measure.

WHY A PORTABLE COMPACTOR?

- Well-thought-out design – robust compactors with a long service life.
- Can be customised to meet your needs.
- Large openings for bulky materials.
- The machines are reliable and easy to use and manufactured to industry standards
- Compatible with most UK waste carrier collection vehicles.
- Can be coordinated with existing loading equipment.

PORTABLE COMPACTOR

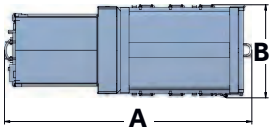
OPTIMISED TECHNOLOGY FOR WASTE MANAGEMENT
Thanks to the innovative container design combined with well-thought-out and tested compactor technology, a high compaction ratio is guaranteed, resulting in high filling density.

NEW 4.3 KW MOTOR REDUCES POWER CONSUMPTION The previous 5.5 kW motor in portable compactors has been replaced with a significantly more energy-saving motor that uses 4.3 kW.

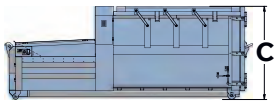
The new motor brings many improvements:

- Lower CO^2, emissions.
- Reduced wear, and thus lower maintenance costs and environmental impact.
- Only a 16 A connection is required.
- More than 30% energy savings compared to the industry standard 5.5 KW motor

Since it is the oil in the hydraulics and not the motor that determines the machine's working force, the compactor works just as well with a 4.3 kW motor.



Portable compactor from above



Portable compactor side, ground-level feed, floating roof

PORTABLE COMPACTOR IS OPTIMAL FOR:

PAPER
- Corrugated cardboard
- Cartons

PLASTIC
- Packaging
- Plastic bags

OTHER
- Dry, compactable material

STANDARD EQUIPMENT
- Ground-level feed opening
- Wheels front and back
- Three service hatches at the front
- Adjustable sliding blocks for press plate
- Hooks front and back
- Heavy-duty locking device for emptying door
- Oil level and temperature monitor in the oil tank


Ground-level feed opening with lockable lid


Wall connection feed opening from upper floor


Floating roof


Integrated bin lift

N-SHA type portable compactor
N-SHA type compactor models

Device type	Container capacity [m3]
N 16 SHA	16
N 18 SHA	18
N 20 SHA	20
N 22 SHA	22
N 24 SHA	24

CONNECT COMMUNICATION
The compactor is ready to communicate with our “connect” system installed as standard, this improves efficiency of use, maintenance, and can be monitored staff onsite as well as our service team.

Parameters of the device and standard equipment:

Collection vehicle	“hook lift” according to EN DIN 30 722 part I and other European standards
Motor	4,3 [kW]
Connection	16[A] 6h
Working voltage/safeguard	400 [V] / 50 [Hz] / 25 [A] group C
Pump/Pressure	21 [L/min] / approx. 300 [kN] at 180 [bar] (2,63 [kg/cm2])
Silent pump used	Yes
Oil level and temperature sensor.	Yes
Information on filling	Preliminary and full (light signals)
Time of one cycle	47 [s]
Volume of one stroke	1,36 [cbm]
Volume per hour	104 [cbm]
Loading chute – top	1700x 1750 [mm]
Loading chute – bottom	1000 x 1750 [mm]
Height of loading chute edge	1450 [mm]
Pressing chamber floor	Made from high resistance steel. Thickness 8 [mm].
Pressing chamber walls	Made from high resistance steel. Thickness 8 [mm].
Guiding of pressing plate	Regulated on self-lubricating polyamides.
Access to space behind pressing plate	Three inspection manholes.
Rear doors	Mounted on side hinges.
Front rollers	Yes
Rear hook for manoeuvring	Yes
Loading chamber cover	One or two-part (opened to left and right side)

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