

## WMH Herion S – 318

Hook-Lift Mobile Trommel Screening Plant



## WMH Herion WS 730

Air separator for installation on conveyor systems



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Hook-Lift Mobile Trommel Screening Plant



## Technical Design:

The S-318 is a compact, high-performance trommel screening plant. It can be transported via a hook-lift system or on a container trailer. The machine features an extremely robust design and completely avoids vulnerable or complex control systems.

## Suitable for screening and processing materials such as:

Compost, humus, green waste, wood chips, waste wood, organic waste, construction debris, household waste, and many other processable materials.

## Key Design Features:

- ✘ Electro-hydraulic drive with mechanical operation
- ✘ Start-up and maintenance via a cordless screwdriver pump (or emergency pump)
- ✘ Powered by 32 A three-phase supply
- ✘ Integrated power unit available
- ✘ Optional operation of the entire machine via an external, independent hydraulic circuit (75 liters / 160 bar), e.g. from a truck or tractor
- ✘ Easy drum replacement
- ✘ Extra-large hopper (> 6 m<sup>3</sup>)
- ✘ Infinitely variable drum speed control via an adjustable pump
- ✘ Infinitely variable hopper speed via an adjustable pump
- ✘ Infinitely variable load control for regulating the material quantity inside the screening drum

## Standard Equipment:

- ✘ Large, heavy-duty doors for drum replacement and access for maintenance and cleaning
- ✘ Hydraulically adjustable brush with extra-dense bristles and cleaning tines
- ✘ Hydraulically foldable conveyors, long version
- ✘ 4 emergency stop switches located around the machine
- ✘ Hook-lift / roll-off version
- ✘ Foldable front lifting arm for maneuvering with a wheel loader

## Optional Equipment:

- ✘ Additional screening drums as required, perforation sizes from 8 mm to 60 mm
- ✘ Magnetic rollers for fine or oversize material
- ✘ Integrated power unit mounted at the front right
- ✘ Hydraulic drive with closed-loop system from a tractor or truck



## Technical Data S-318

<b>Power:</b>	15 kW three-phase motor with frequency converter and speed control		
<b>Throughput:</b>	up to 125 m <sup>3</sup> /h depending on material properties		
<b>Weight:</b>	approx. 10,500 kg		
<b>Drum speed (variable):</b>	0 – 20 rpm // 0 – 24 rpm (optional)		
<b>Drum length:</b>	3,210 mm		
<b>Drum diameter:</b>	1,800 mm		
<b>Hopper volume:</b>	> 6 m <sup>3</sup>		
<b>Feed height (stationary):</b>	approx. 2,650 mm		
<b>Discharge height (variable):</b>	<b>coarse fraction</b> > 3,000 mm <b>fine fraction</b> > 3,000 mm		
<b>Transport:</b>	<b>length</b> approx. 7,500 mm	<b>width</b> max. 2,550 mm	<b>height</b> approx. 2,750 mm
<b>Operating position:</b>	<b>length</b> approx. 12,000 mm	<b>width</b> approx. 7,000 mm	<b>height</b> approx. 3,200 mm

## WMH Herion WS 730

Air separator for installation on conveyor systems



### Technical Design:

- ✘ Air separator with movable steel blades
- ✘ Electric or hydraulic drive
- ✘ Air intake via an inclined duct or hose (e.g. as a leaf vacuum with bagging unit)
- ✘ Air bypass for fine adjustment
- ✘ Beater rollers on the conveyor belt
- ✘ Quick-change hose connection
- ✘ Optional air separation unit with screw discharge

### Technical Data WS 730

<b>Rotor diameter:</b>	730 mm
<b>Hose connection:</b>	310 mm
<b>Mounting dimensions (electric motor):</b>	approx. 850 × 850 × 900 mm (without hose connection)
<b>Mounting dimensions (hydraulic motor):</b>	approx. 850 × 850 × 650 mm (without hose connection)
<b>Hydraulic motor:</b>	50 cc high-speed, oil requirement 30 – 60 liters/min
<b>Electric motor:</b>	5.5 kW

- ✘ Air separator with cleaning system and screw conveyor discharge
- ✘ Drive: hydraulic or electric, variable output
- ✘ Also suitable as a dosing unit for additives



## Spare Parts for Your Processing Equipment:

- ✘ Many spare parts from in-house production for common recycling machines
- ✘ A wide range of spare parts such as belts, rollers, and wear parts always in stock

## Preliminary Information – Projects planned to improve the efficiency of your processing operations:

- ✘ S – 518 / 2026
- ✘ S – 620 / 2027
- ✘ S – 720 / 2027
- ✘ Modular stockpile conveyors / 2026
- ✘ Stone separation attachment / 2026
- ✘ Air separator as a standalone unit on a mobile conveyor / 2026
- ✘ Extra-large film wrapper for covering stockpiles / 2027

## Contacts:

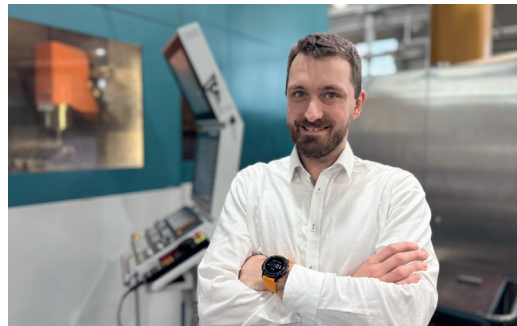


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Umwelttechnik  
*keep it simple*

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