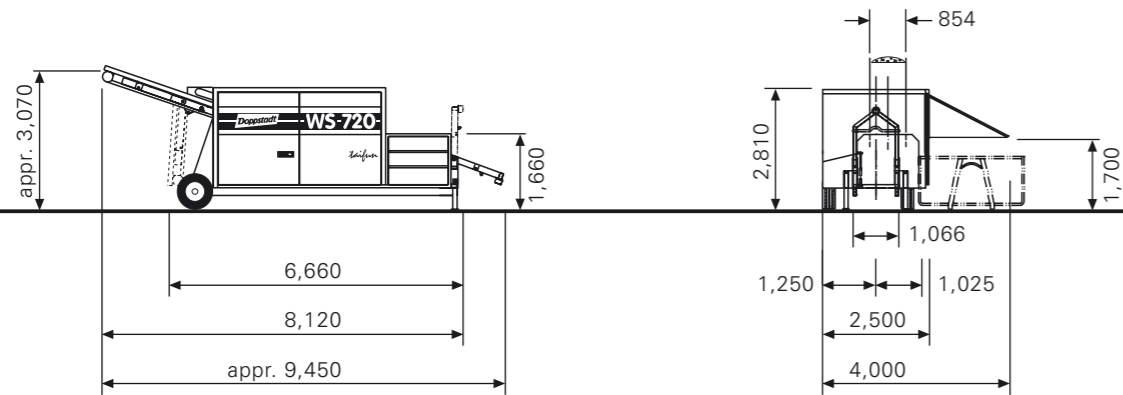


WS 720 Taifun

Technical Data (dimensions in mm)



Maximum total weight	7,580 kg
Description	Mobile windsifter on hook-lift frame, compressed recirculating air separation by vibrating device, longitudinal and transverse blast, recirculating air principle, adjustable nozzles
Drive	Diesel motor
Type	Perkins 704 - 30
Power	43 kW (58 hp) at rated speed 2,000 rpm
Max. torque	200 Nm
Exhaust level	EUROMOT 1
Fuel tank	300 l
Material pre-treatment	
Vibrating conveyor	breaking up the material by vibrating mechanism
Longitudinal airflow	max. 1.0 m ³ /s, pre-separation
Vibrating rollers	2. step of the pre-separation, can be switched on
Main airflow	3 mechanic adjustable nozzles
Throughput	max. 4.5 m ³ /s (adjustable)
Drive	hydraulic
Collection of the light fraction	
Container dimensions	width appr 2,500 mm, height appr. 1,600 mm
Conveyor	positioned, foldable
Width	1,000 mm
Length	7,000 mm total length, foldable, discharge length appr. 2,400 mm
Belt speed	max. 2.2 m/s (adjustable)
Throughput	appr. 20 – 40 m ³ /h (depends on the material and feeding)
Options	magnetic drum at the conveyor discharge

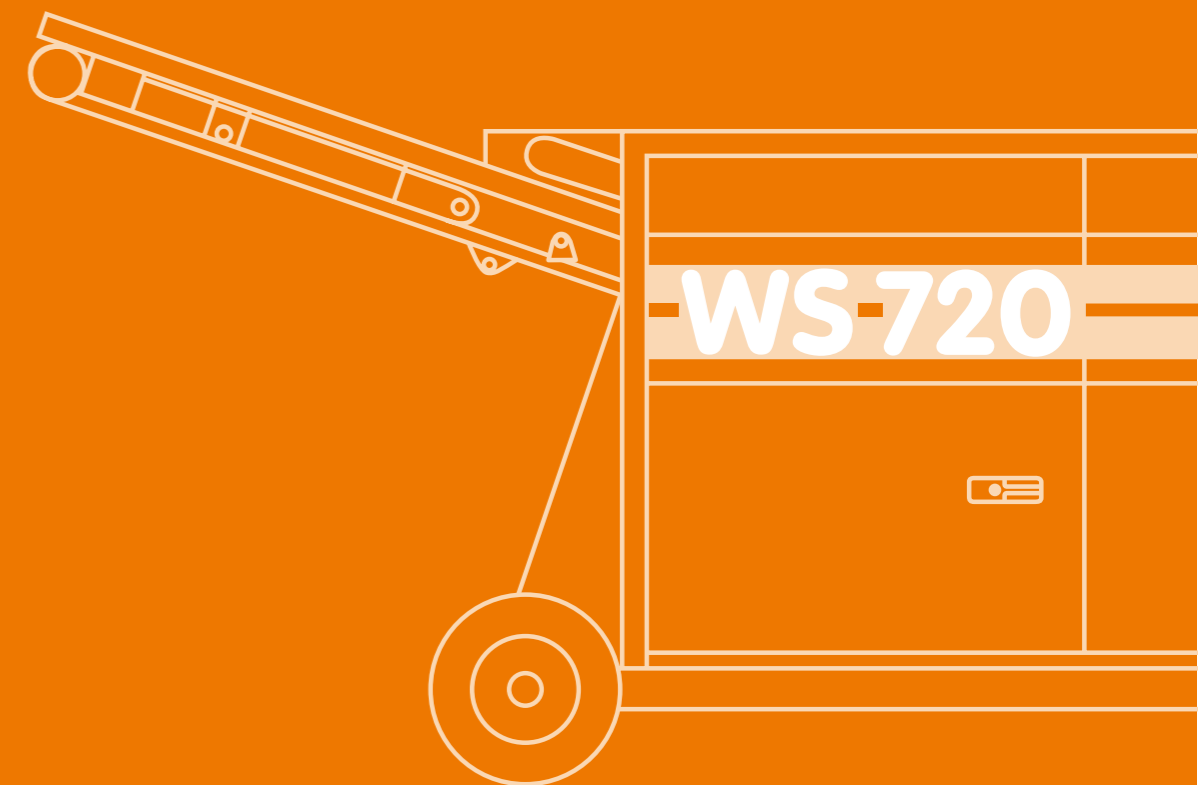
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May 2003, specifications subject to technical alterations.
 The specifications are approximate, illustrations and descriptions might include options that are not part of the standard equipment.



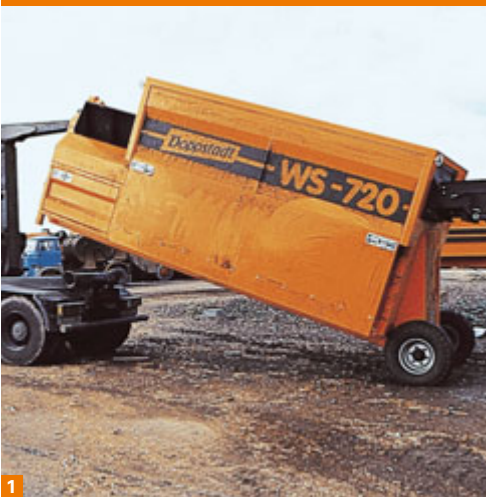
Doppstadt

WS 720 Taifun
 Windsifter



Doppstadt

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1

2

3

>> WS 720 following the screening machine

>> Mixed feed material

>> Separated light material

>>> Collection of contaminants in a container arranged at side

>>> Oversize material free of contaminants

>>> A windsifter for all kinds of materials...

...the WS 720 serves to classify oversize material and to separate light disturbing particles from the material flow by the recirculating compressed air principle. Short set-up times, user-friendliness thanks to the hook-lift construction and the hydraulically foldable elements such as the discharge conveyor and the drawbar for the hook-lift ensure a high mobility. The disturbing particles are discharged to the side into a container.

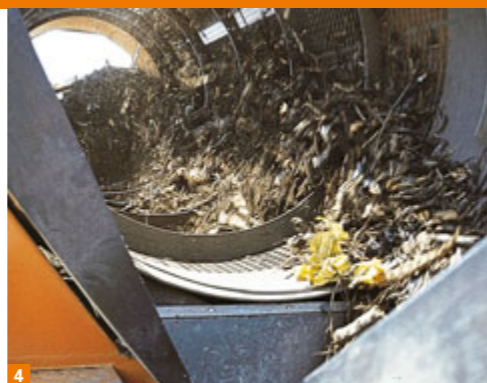


- >>> 1 The WS 720 is quickly ready to work thanks to the hydraulically foldable elements such as the discharge conveyor and the side discharge door. Transport by hook-lift facility.
- >>> 2 After opening the side door, a collecting container can be placed under it.
- >>> 3 The windsifter can be moved on site by means of the drawbar that can be lowered by 90 ° and the Doppstadt-grip.

- >>> 4 The oversize coming from the screen, e.g. in case of compost production, contains light materials such as foil, plastic etc. contaminating the oversize. In order to use the oversize for further applications (e.g. as structural material for composting) this material is separated from these contaminants.

*) option

Working principle: The input material is broken up by the vibrating conveyor and transported to another conveyor. By means of the longitudinal airflow, the light particles are blown on the heavier materials. Vibrating rollers, which can be switched on, help to achieve a preliminary separation. In the sifting chamber the adjustable transverse airflow takes the light particles and discharges them into the container.



4

>>> **Compressed recirculating air windsifting for light fraction separation such as plastic foil e.g. in the field of composting, mixed construction waste processing...**

Production of pure oversize material after screening, contaminants are collected in a container.

