

Baler HSM, type VK 12018 R-FU, 120 t pressing force, yoc 2015, only 9,231 operating hours, drive power 2 x 30 kW, with 5-fold horizontal tying system



The complete baler line, with the associated chain belt conveyor, wire pulling stations (without wire), personnel protection system and bale chute, is for sale and is to be exchanged for a new machine with a higher throughput capacity in the 19th calendar week.

Technical data baler:

Manufacturer HSM GmbH + Co. KG, Germany

Type VK 12018 R-FU

Year of construction 2015

Operating hours 9,231 hours, as of July 24

Main press force 120 kN

Specific pressing force 99 N/cm²

Pressing force cutting edges free rammer 121 kN

Dimensions of feed chute 970 x 1,800 mm

Filling volume 1.92 m³

Theoretical cycle time in idle mode 15.5 seconds

Theoretical throughput capacity 506 m³/hour

Throughput capacity under operating conditions with a bulk density of 30 kg/m³ approx. 278 m³ or 8.3 tonnes/hour

Bale dimensions 1,100 x 1,100 mm, the length is variable

Drive power 2 x 30 kW with frequency converter. This corresponds to the output of two normal 45 kW standard motors, but saves up to 40 % energy via frequency control.

Connected load 75 kW

Total current consumption 140 A

Fuse protection 200 A slow-blow

5-fold horizontal tying, fully automatic

Throughput rates with a

bulk density of 30 kg/cbm 8.3 tonnes/hour

Bulk weight of 50 kg/cbm 25.3 tonnes/hour

Bale weights with a bale length of approx. 1.2 m 800 up to 1100 kg/bale or 665 kg/m³, the figures refer to PPK

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Hydraulic oil tank capacity 2000 litres
PLC control Siemens S7-300
Siemens TP 700 control panel
Press dimensions assembled with hopper 12,557 x 4,450 x 6,232 mm (l x w x h)
Press dimensions with conveyor belt 21,395 x 22,075 x 6,232 mm (l x w x h)
Transport weight baler approx 42 t

Special machine equipment:

Filling opening length can be flexibly adjusted according to material requirements thanks to integrated distance measuring system on the main hydraulic cylinder
Access locking by means of key transfer system
Electro-hydraulic locking of the press carriage during the tying process so that the press plunger does not change position with highly expansive materials
Wear areas in the press box made of double-walled sheet steel (the second layer is replaceable)

Additional optional equipment ordered:

Frequency-controlled main drive, 2 x 30 kW, with up to 40 % energy savings compared to the standard motorisation 2 x 45 kW, with the same power output
Frequency-controlled oil cooler with a cooling capacity of 35 kW, incl. oil filter unit, for continuous operation with high utilisation and high ambient temperatures
Switch cabinet heater
Tank heating for the hydraulic oil
Manual switch-off or switch-on of the number of strapping wires to save on strapping wire for non-expansive material
Cutting-edge frei rammer with 121 kN pressing force
Sensory wire monitoring, with press switch-off in the event of wire breakage or wire end
Bale chute
Large digit display for the remaining bale length
Visual warning signal, mounted on the control cabinet
Remote maintenance system for external data analysis and processing
Control cabinet Cooling fan for cooling the frequency converters

Condition of the baler:

The entire baling system (baler and conveyor belt) is in good, operational condition and is cleaned, lubricated and maintained by the operator on a weekly basis in accordance with the manufacturer's specifications. The baler with conveyor belt is to be replaced with a new machine with a higher throughput capacity at the 19th calendar week.

Technical data for the chain belt conveyor:

Manufacturer Stadler Anlagenbau GmbH
Typ chain belt conveyor KF 1800
Year of construction 2015
Belt speed 0,36 m/sec.
Length feeding conveyor 5,500 mm
Length elevating conveyor 11,640 mm
Length goose neck 1,890 mm
Grade 30°
Nominal width 1,800 mm
Effecting width 1,641 mm
Height drive axle over ground 4,875 mm
Weight of feed belt 4,934 kg, weight of ascending belt 9,707 kg
Pit dimensions to conveyor belt 10,250 x 3,300 x 1,276 (l x w x h)

Scope of delivery:

The complete baler line is for sale, with the associated chain belt conveyor, wire pulling stations (without wire), personnel protection system and bale chute.

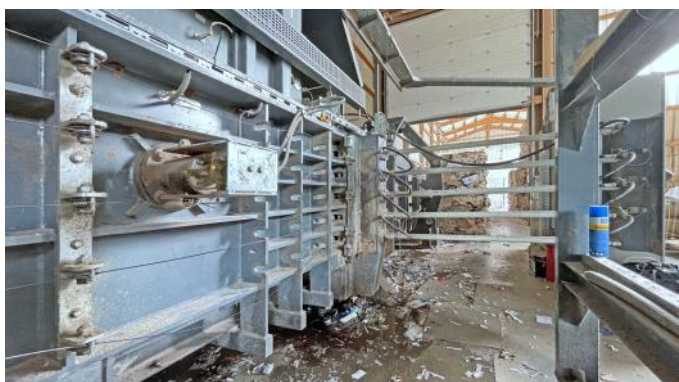
Comments:

The documentation (Manual, CE-declaration, electr./hydr.-drawings), are completely available.

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Inspections are possible after agreement. We will not assume liability for the given technical data and possible errors.

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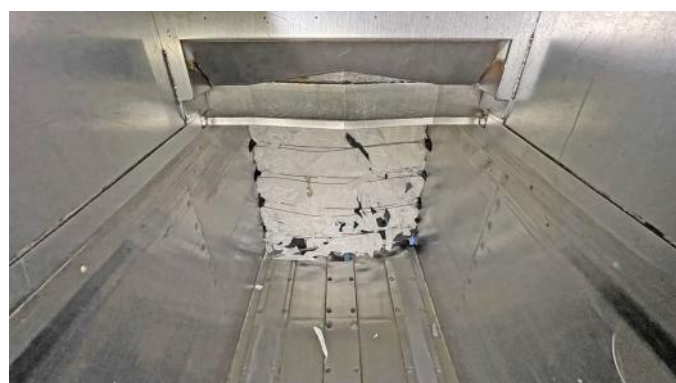
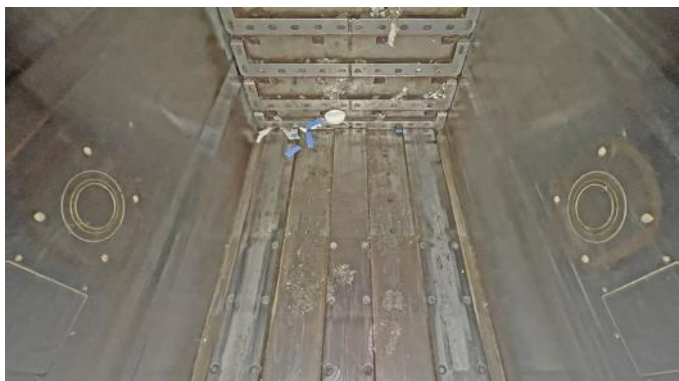
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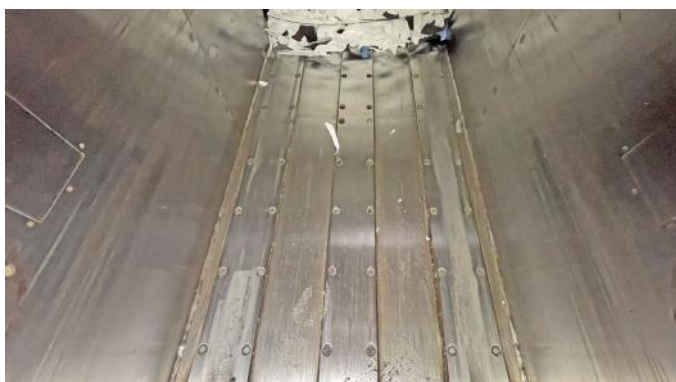
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