



HSM V-Press 860 TimeSave

Technical Data

- V-Press 860 TimeSave

Manufacturer	HSM
Machine-Designation	V-Press 860 TimeSave
Pressing power in kN	594
Specific pressing force in N/cm ²	63
Cycle time in sec. (Continuous - Operation)	Ø 104
Pressing-Plate Cycle time in sec.	25
Max. Bale size L x B x H in mm	1200 x 800 x 1150
Bale weight in kg	430
Bale weight in kg/m ³	389
Motor kW / Connection V / Hz	4+3
Dimension W x D x H in mm	2202 x 3584 x 3004
Space requirement W x D x H in mm	2847 x 5000 x 3050
Feed Opening Door	1195 x 650
Trolley filling height in mm	1128
Door design	Double doors
Weight in kg	3680
Control System	Display + Push-buttons
Strapping	4-Compartment with quick link wire
Noise level	
Type of Feeding	Lift-Tilt

Feeding Process

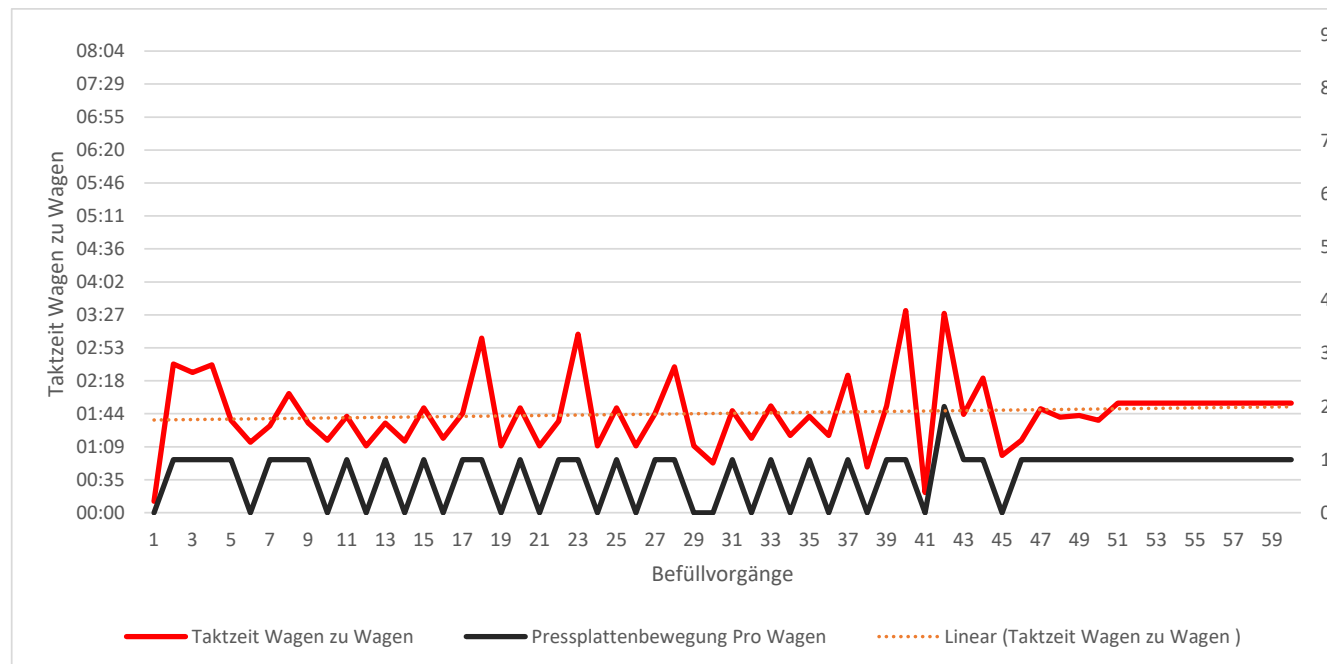
• V-Press 860 TimeSave

Important Data:

Compressed material:	Standard department stores' cardboard
Bale weight:	approx. 440 kg
Collection trolleys per bale:	60 pcs.
Emptying processes of the trolleys:	43x press plate movements
Ø cycle time for trolley emptying:	1 min 44 sec.**
Time required per bale:	approx. 2 hrs. 10 min*

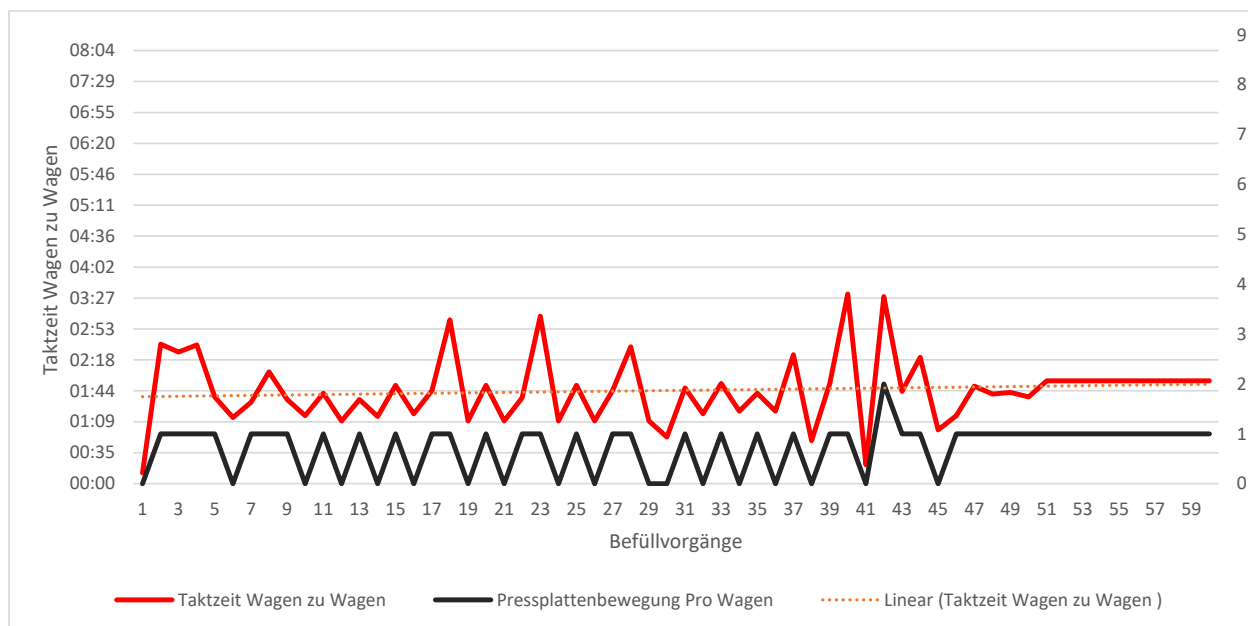
* Without travelling times, as the filled trolleys and cardboard boxes are always positioned directly next to the press.

** If the operator has two collection trolleys with him and only wants to empty these, he can remove the first collection trolley from the lifting-tilting-device after just 12 seconds and insert the second one. If he has an infinite number of trolleys in a row, this results in an Ø time as described above



Graphic Interpretation

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The V-Press 860 TimeSave was continuously filled with material, with the full collection trolleys always ready to be continuously fed into the machine. The diagram shows that the 860TS has been programmed so that two fillings must take place before the press plate presses the material. Towards the end of the baling process, this function is then switched off so that the bale does not become too large. The baling test also showed that the machine has almost constant emptying times over the entire cycle of a bale, which do not increase significantly as the bale grows. This can be recognized by the dotted line. A total of approx. 60 trolleys were required for one bale. The higher number of collection trolleys is due to the individual filling of the box wagons and the higher bale weight.

Feeding Process

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Advantages : Handling of filling processes

1. the collection trolley does not have to be placed in a guide on the floor where dirt can accumulate.
2. overfilling the trolley does not cause any problems.
3. the trolley can be moved in and out with little effort.

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As the 860 TS works with a lift and tilt system, film residues in the cartons do not have any negative impact. Even thicker cartons are simply thrown in via the lift-and-tilt device and pushed through the pusher into the bale chamber. In addition, the pusher does not tear the material, which is reflected in the cleaning effort and cleanliness around and in the machine.

feeding



Trolley

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Important data:

External dimensions:	W:890mm / L:1300 mm / H: 1040mm
Internal dimensions:	W: 780mm / L: 1105 mm / H: 950 mm
Volume:	approx. 0.81m ³ // 800l
Empty weight:	48 kg
payload with cardboard packaging:	approx. 9 kg

Trolley comparison

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The HSM trolley is a well-known trolley in the retail trade and represents the standard. The 4 swivel castors enable better handling in the aisles of salesrooms. Through its airy and low design, it is hardly noticed by customers and does not obstruct the view of the goods. The larger volume also means that fewer trips to the vending machine are necessary.

Control system

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With the V-Press 860 TimeSave, the error display is shown on the graphic display. Harmonized error codes make them quick and easy to identify.

The tying of the bales

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With the V-Press 860 TimeSave, the material is not chopped into small pieces and therefore causes less dirt on and around the press plate. The integrated wire drawing needles also protect the channels in the press plate from soiling.

The tying of the bales

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Cleaning the machine and surrounding area

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When using the V-Press 860 TimeSave, individual cardboard shreds can fall on the floor or into the dirt collection container provided for this purpose. However, cleaning is much easier and quicker due to the spaciousness around the collection container

Since, the V-Press 860 TimeSave otherwise works with a lifting-tilting-device, further cleaning is not necessary.



Cleaning the machine and surrounding area

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Cleaning the bale chamber after bale ejection.

Overall cleaning effort

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Total cleaning effort

- 1st cleaning of the trolley 0 min
- 2. cleaning of the lifting and tilting surface 1 min
- 3. cleaning the feed roller 0 min
- 4. cleaning the pressing plate 2 min
- 5. cleaning the press box 2 min

Total 5 min

Electricity calculation

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Power consumption per bale:

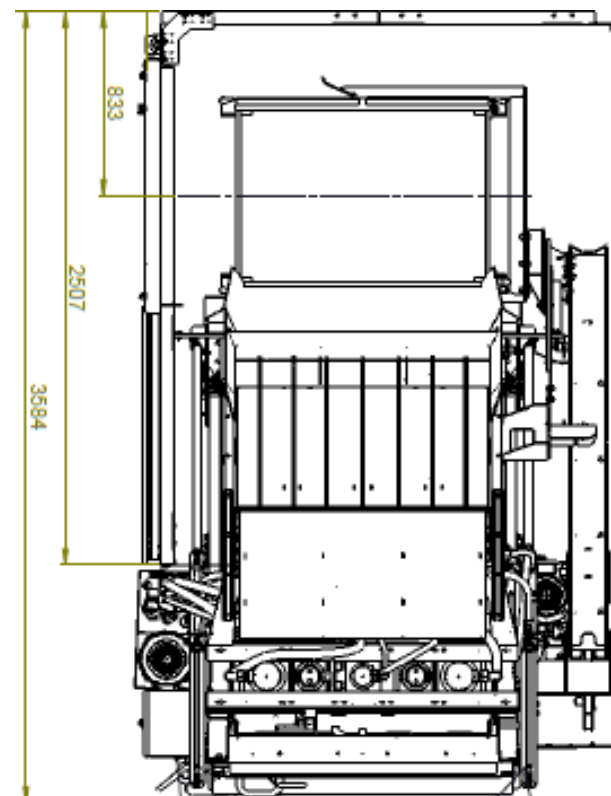
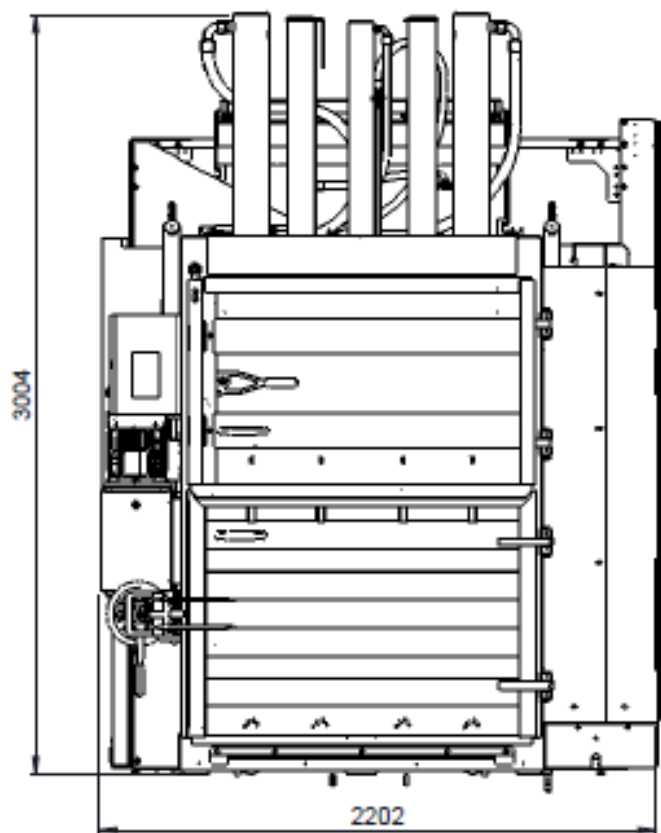
At the beginning of the test:	247.5 kWh
At the end of the test:	252.5 kWh

Difference	5.0 kWh
Approx. costs for 1 kWh	€ 0.10

Electricity costs per bale	€ 0.5
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Dimensions of the machine

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Proper use

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2.2 Proper use

The V-Press 860 TimeSave vertical baling press is designed exclusively for compressing empty cardboard packaging and the other materials that are also listed in the contract. When using the lift-tilt unit, only fill with loose and dry empty cardboard boxes. If the V-Press 860 TimeSave is operated in the rear loading mode, the foil program cannot be selected.

The machine may only be used, maintained and repaired by persons who are familiar with the handling of the machine and who have been instructed in the functional hazards. Any other use is regarded as incorrect. The manufacturer accepts no liability for damage resulting from improper use.

The national laws and regulations applicable to the user must be observed, regardless of the rules and regulations in this operating manual. The tasks prescribed by the manufacturer for installation, disassembly, initial start-up, operation and maintenance must be carried out.

The local guidelines for occupational safety and accident prevention regulations in the user country must be observed. If you intend to use the baling press for a purpose outside the scope of proper use stated in the contract, first consult HSM Customer Support, since any guarantee and liability on the part of the manufacturer is invalidated without our permission.