

HSM Vertical Baling Presses

Waste Management Solutions for Manufacturers and Retailers

50 1971-2021

HSM®

Great Products, Great People.

Save on waste costs with volume reduction!

Due to their size, cost efficiency and capacity, the vertical baling presses HSM V-Press are incredibly well-suited for industry, manufacturers and retailers alike.

With these compact baling presses you can reduce the volume of your on-site packaging material by up to 95 %.



- **Volume reduction up to 95 %**
- **Perfect HGV load utilisation**
- **Attractive price-performance ratio**
- **Easy-to-use**
- **Energy efficient**
- **Bale weight up to 550 kg**

HSM quality „Made in Germany“

HSM has always committed itself to the principle of “Quality”. HSM relies on Germany as a production location and quality products “Made in Germany”. All three German HSM plants are certified under DIN EN ISO 9001. Since we manufacture our products ourselves, we can guarantee first-class quality. The large vertical range of manufacture is characteristic of HSM and brings decisive advantages. Production can thus be controlled reliably, flexibly and independently. But it also allows us to control the origin, quality and ingredients of the raw materials and other materials used.



Partnership

Our competent team will accompany you as partners in all phases – and all around the world. From consulting and project planning to delivery and assembly all the way to customer service.

Solutions to match your requirements

We can provide comprehensive on-site advice. Experienced specialists from our sales and project teams can determine the optimum solution for your requirements.

Reliability

Whichever solution you decide upon, you will always choose innovative, reliable and highly efficient technology “Made in Germany” with HSM.

Service

Our service experts will accompany you from installation, training and initial start-up to service and maintenance for smooth and efficient operation.

Using HSM machines means reducing CO_2 emissions

HSM originated from the idea to reduce the volume of residual materials through pressing, and returning these newly recovered valuable products to the production cycle. Since the company was founded in 1971, sustainability has been our core business and a matter of course. When designing and constructing our presses, we focus on the responsible use of resources. HSM presses thus retain their value over a particularly long lifespan and operate extremely energy-efficiently. The bale dimensions and weights of HSM baling presses are designed to allow optimum utilisation of truck capacities. And transporting less air saves expensive and environmentally damaging transport routes. The frequency-controlled drives make an even greater contribution to environmental protection and the economic efficiency of the presses. This saves up to 40 % electricity compared to a conventional drive.



- **No use of composite materials guarantees 100 % product recycling**
- **Use of low-solvent lacquers**
- **Recycling of metal production waste**
- **Use of heat recovery in production**
- **Use of only environmentally compatible, recyclable auxiliary and operating materials**
- **Use of photovoltaics to generate electricity for production**
- **Short transport routes due to production in Germany**

With HSM –Turn your waste into valuable material!

Packaging can become a problem. However, considered as part of the recycling chain, used packaging becomes a valuable secondary raw material. HSM has solutions for handling and compacting this raw material using tried-and-tested technology and innovative solutions.



Our references

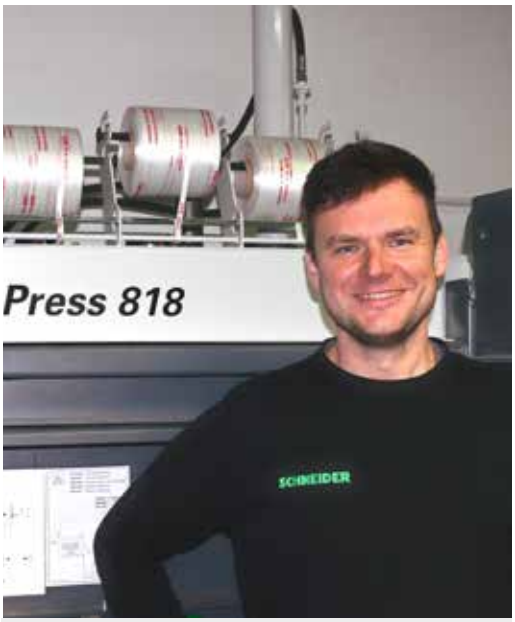
HSM machines are suitable for (virtually) any task – worldwide.

Models and solutions from a wide of product areas are used to achieve this result. See for yourself how HSM baling presses and HSM document shredders prove themselves in daily use in the following examples. On request, we would be glad to provide you with reference addresses for your applications.



ANDREAS BACK
Leiter Qualitätsmanagement, Umwelt & CSR,
Hornbach Baumarkt AG

With hindsight we can say that it was absolutely the correct decision to go with the vertical baler and HSM,



ROLAND KALISCH
Produktionsleiter,
Hans SCHNEIDER Elektronik GmbH

With the two baling presses from HSM, we've been able to make a massive reduction in our volume of waste. The compressed bales require significantly less space than the unpressed waste.

BASF We create chemistry
HORNBACH Es gibt immer was zu tun.
EICHHORN
POPP FAHRZEUGBAU
LIEBHERR
Bilgram Chemie
engelbert strauss
Planex Textil im freien Raum
DIEBOLD AUFZÜGE
seit 1960 Die Menü-Manufaktur Hofmann®
SCHNEIDER SCHAKO Group

Which baling press is the right one for your company?

The available doors



Double door

- To fill the press, the upper half of the doors is swung to the right
- Self-latching, closing technology
- Automatic start of the pressing process after closing the door



Loading flap

- To fill the press, the upper half of the doors is folded down
- The filling flap can then be used as storage and therefore facilitates filling
- Particularly suitable for filling with small-sized material
- Automatic start of the pressing process after closing the door



Sliding door

- To fill the press, the upper half of the doors is pushed down
- Automatically opens after the compression process
- Once opened upper edge of the gate can be used as storage and therefore facilitates the filling
- Automatic start of the pressing process after closing the door
- Easily operated

The door lock



Bell-crank lever

- Quick and safe opening of the door
- Suitable for machines with up to 40 kN of pressing power



Hand wheel door lock

- Counter-rotating thread for quick opening and closing
- Mounted at an ergonomic height
- Easy to handle
- Opening aid for expansive materials



Hydraulic door lock

- Convenient opening and closing via two-hand operation
- Particularly suitable for rapidly expanding material
- No manual effort required

Putting our experience into every detail!

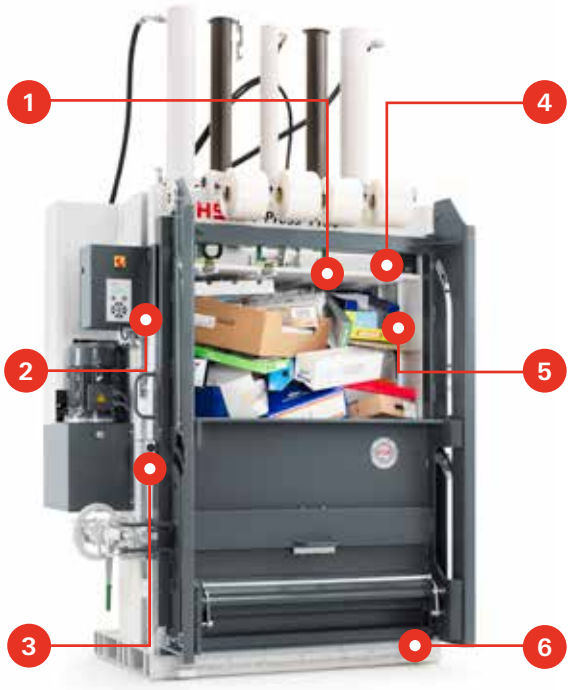
"The whole is more than the sum of its parts." The combination of all detailed solutions means that each user reaps the maximum benefit.

Longevity, economic efficiency, operator friendliness and durability – these are the typical benefits of each HSM baling press.















1 Strapping

- Tape strapping for HSM V-Press 503, 504, 605, 610, 818, 820 and 825. Wire strapping for HSM V-Press 860 and 1160 standard and tape strapping optional – strapping can then be chosen as required.

2 Datenanzeige und Steuerung

- Modern microprocessor control with membrane keypad and graphical display.**
- Display of the respective current status.
- Programmes to select plastic foils or cardboard.

3 Convenient and secure automatic start

- Pressing procedure starts automatically upon closing the door.
- Upon opening the door a security switch ensures an automatic stop of the pressing procedure.

4 Optimized pressing

- Massive press ram and extremely robust press plate guidance.

5 Integrated HSM TCS

- (TorsionControlSystem) prevents one-sided overloads during the pressing procedure.*

*HSM V-Press 503 and HSM FP 3000 without HSM TCS
**HSM V-Press 503 with push button

The bale size

The dimensions of the bales specified here correspond to the dimensions in the compaction chamber.



The bale is tipped by 90° due to the ejection. The specified width then becomes the bale height and the specified height becomes the bale width. The bale length remains the same.



The height (in the compaction chamber) / length (after ejection) of the bale varies depending on the expansion force of the pressed bale.



HSM V-Press 60

The mobile baling press HSM V-Press 60 compresses plastic film and lightweight packaging material right where the material is.

- The used packing material is fed into the HSM V-Press 60immediately after unpacking and does not need to be transported to interim storage
- The lever action allows the HSM V-Press 60 to produce well compressed, stackable bales – compression 5:1 and more
- Effortless to operate with a minimum amount of strength
- Does not need any electricity, servicing or maintenance
- Bales produced can be repressed in hydraulic HSM baling presses i.e. compressed into denser and larger bales.

Model	**HSM V-Press 60**
Pressing power in kN	-
Motor in kW	-
Voltage / Frequency	-
Loading aperture (W x H) in mm	740 x 635
Bale weight in kg (depending on material)	up to 40
Bale size (L x W x H) in mm	800 x 600 x max. 800
Cycle time in idle operation (theor.) in sec.	-
Press chamber size (W x D x H) in mm	-
Dimensions of machine (W x D x H) in mm	810 x 735 x 1280
Machine weight in kg	95
Strapping	3-fold crosswise with strapping twine

Technical and design modifications reserved. All technical data and dimensions are approximate values.



HSM V-Press 503

Easy installation and operation make the HSM V-Press 503 the ideal model for small material volumes.

- Compact design – small footprint
- Microprocessor controller with membrane keypad
- Suitable for cardboard as well as film
- Bale removal and transport with discharge trolley
- Automatic return stroke
- Configuration:
  eco – double door with bell-crank lever



HSM V-Press 504

The entry-level model HSM V-Press 504 allows for the economical disposal of your packaging waste.

- Compact and sturdy design – small footprint
- Modern microprocessor controller with membrane keypad and text display
- Selectable programmes for pressing cardboard or plastic film
- Bale removal and transport with discharge trolley
- Optionally available with mechanical bale ejector
- HSM TCS (Torsion Control System) for monitoring press ram movement
- Automatic return stroke
- Configuration:

  eco – double door with bell-crank lever

HSM V-Press 503	HSM V-Press 504
30	40
0,75	1,1
1 x 230 V / 50 Hz	1 x 230 V / 50 Hz
700 x 500	700 x 470
up to 50	up to 60
700 x 500 x max. 850	700 x 500 x max. 600
30	27
700 x 500 x 1050	700 x 500 x 1020
953 x 679 x 1962	1020 x 812 x 1922
245	290
2-fold with polyester tape	2-fold with polyester tape

Technical and design modifications reserved. All technical data and dimensions are approximate values.



HSM V-Press 605

The HSM V-Press 605 and HSM V-Press 610 reduce the volume of cardboard and plastic film in an economical way.

- Low installation height and small footprint
- Special retaining claws optimize the compression of the pressing material, increasing both the loading volume and bale output
- Quick and easy press assembly
- Mechanical bale ejector
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configuration:
  eco – double door with hand wheel door lock



HSM V-Press 610

The HSM V-Press 610 reduce the volume of cardboard and plastic film in an economical way.

- Low installation height and small footprint
- Special retaining claws optimize the compression of the pressing material, increasing both the loading volume and bale output
- Quick and easy press assembly
- Mechanical bale ejector
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configuration:
  eco – double door with hand wheel door lock

Model	**HSM V-Press 605***	**HSM V-Press 610**
Pressing power in kN	57	120
Motor in kW	1,5	3
Voltage / Frequency	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	800 x 495	800 x 495
Bale weight in kg (depending on material)	up to 70	up to 100
Bale size (L x W x H) in mm	800 x 600 x max. 600	800 x 600 x max. 600
Cycle time in idle operation (theor.) in sec.	21	22
Press chamber size (W x D x H) in mm	800 x 600 x 1045	800 x 600 x 1045
Dimensions of machine (W x D x H) in mm	1198 x 823 x 1986	1198 x 823 x 1986
Machine weight in kg	485	540
Strapping	3-fold with polyester tape	3-fold with polyester tape

*HSM V-Press 605 also available for AC power supply (1 x 230 V / 50 Hz).
Technical and design modifications reserved. All technical data and dimensions are approximate values.



HSM V-Press 818

Thanks to its low transport height, the HSM V-Press 818 can be easily transported to wherever it needs to be used.

- Low installation height and small footprint
- High process reliability due to HSM TCS (TorsionControlSystem)
- Convenient membrane keypad with text display, which shows the current status of the machine
- Long service life due to low maintenance, reliable hydraulics and hard chrome-plated piston rod
- Configurations:
  plus – loading flap with hand wheel door lock
  plus pro – sliding door with hand wheel door lock



HSM V-Press 820

Due to its powerful motor, its ergonomic design and its sophisticated and innovative technology, the HSM V-Press 820 combines all of the advantages of a baling press into one machine.

- State-of-the-art microprocessor controller and membrane key-pad with LED display
- Special retaining claws optimise the compression of the press-ing material, increasing both loading volume and bale output
- Quick and easy installation due to crossed cylinders
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configuration:
  plus – loading flap with hand wheel door lock

Model	**HSM V-Press 818**	**HSM V-Press 820**
Pressing power in kN	185	178
Motor in kW	4	4
Voltage / Frequency	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 530 (plus) 1195 x 540 (plus pro)	1195 x 558 (plus)
Bale weight in kg (depending on material)	up to 200	up to 250
Bale size (L x W x H) in mm	1200 x 780 x max. 700	1200 x 780 x max. 1000
Cycle time in idle operation (theor.) in sec.	27	23
Press chamber size (W x D x H) in mm	1200 x 780 x 1300	1200 x 780 x 1400
Dimensions of machine (W x D x H) in mm	1700 x 1046 x 2370 (plus) 1709 x 1248 x 2370 (plus pro)	1700 x 1075 x 2499
Machine weight in kg	1070 (plus), 1173 (plus pro)	1300 (plus)
Strapping	4-fold with polyester tape	4-fold with polyester tape

Technical and design modifications reserved. All technical data and dimensions are approximate values.



HSM V-Press 825

The HSM V-Press 825 is characterized by its very low transport height.

- Robust mechanical bale ejector belt for easy bale removal
- Special hydraulic cylinders with hard-chrome plated pistons reduce wear, prevent breakdowns and prolong service life
- Low installation height and small footprint
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configurations:
  plus – loading flap with hand wheel door lock
  plus pro – sliding door with hand wheel door lock

Model	**HSM V-Press 825**
Pressing power in kN	250
Motor in kW	4
Voltage / Frequency	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 530 (plus) 1195 x 540 (plus pro)
Bale weight in kg (depending on material)	up to 280
Bale size (L x W x H) in mm	1200 x 780 x max. 700
Cycle time in idle operation (theor.) in sec.	39
Press chamber size (W x D x H) in mm	1200 x 780 x 1300
Dimensions of machine (W x D x H) in mm	1700 x 1046 x 2370 (plus), 1700 x 1248 x 2370 (plus, pro)
Machine weight in kg	1070 (plus), 1210 (plus pro)
Strapping	4-fold with polyester tape

Technical and design modifications reserved. All technical data and dimensions are approximate values.



HSM V-Press 860

With a pressing power of 594 kN and employing low-noise and energy-saving technology, the HSM V-Press 860 is the most economical and ecological solution for your waste disposal.

- Rapid stroke technolgy saves time and money
- Special retaining claws optimize the compression of the pressing material and reduce the number of loading actions
- Comfortable, easy-to-use membrane keypad with text display which show the current status of the machine
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configurations:
  eco – double door with hand wheel door lock
  plus – sliding door with hand wheel door lock



HSM V-Press 1160

With a maximum bale weight of 550 kg, strong pressing power and an absolutely high efficiency level, the HSM V-Press 1160 is the top-model of the HSM V-Press series.

- Rapid stroke technolgy saves time and money
- High capacity press chamber means optimum filling efficiency
- Low-maintenance, sturdy hydraulics and hard-chromed pistons ensure long service life
- Highly compressed bales can already be marketed without requiring any further pressing
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configurations:
  eco – double door with hand wheel door lock
  plus – sliding door with hand wheel door lock
  max – sliding door with hydraulic door lock

Model	**HSM V-Press 860**	**HSM V-Press 1160**
Pressing power in kN	594	594
Motor in kW	4	4
Voltage / Frequency	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 650	1195 x 650
Bale weight in kg (depending on material)	up to 480	up to 550
Bale size (L x W x H) in mm	1200 x 780 x max. 1200	1200 x 1100 x maax. 1200
Cycle time in idle operation (theor.) in sec.	25	25
Press chamber size (W x D x H) in mm	1195 x 780 x 1640	1195 x 1100 x 1640
Dimensions of machine (W x D x H) in mm	1797 x 1067 x 2985 (eco), 1797 x 1247 x 2985 (plus, max)	1780 x 1388 x 2985 (eco) 1780 x 1568 x 2985 (plus, max)
Machine weight in kg	1900 (eco), 2030 (plus), 2083 (max)	2427 (eco), 2427 (plus), 2430 (max)
Strapping	4-fold with wire / optional polyester tape	4-fold with wire / optional polyester tape

Technical and design modifications reserved. All technical data and dimensions are approximate values.



The HSM V-Presses for special applications

Among the HSM V-Press 60 - 1160 balers you will find solutions for common performance requirements and problems. But time and again we also receive enquiries for very special applications. For this purpose, we have adapted our bestseller, the HSM V-Press 860, to the requirements of special materials and needs. This is complemented by our vertical press for pressing light metal or roll hoop barrels.

All product variants of the HSM V-Press 860 have the same technical advantages:

- **Rapid stroke technolgy saves time and money**
- **High process reliability due to HSM TCS (TorsionControlSystem)**
- **Convenient membrane keypad with text display**
- **Long Service life thanks to low-maintenance and sturdy hydraulics**



Particularly wide loading aperture – HSM V-Press 860 plus B

With a pressing power of 594 kN and low-noise and energy-saving technology, the HSM V-Press 860 plus B is the most economical and ecological solution for your waste disposal.

- Produces particularly large, high density bales which can be sold with no further compression required
- Compacts cardboard and plastic films
- Rapid stroke technology saves time and money
- Special retaining claws optimise the compression of the pressing material and reduce the number of loading actions
- Comfortable, easy-to-use membrane keypad with text display which show the current status of the machine
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configuration:
  Sliding door with hand wheel door lock



Optimized bale transport economy – HSM V-Press 860 L

The HSM V-Press 860 L produces bales with a recess for easy transport without pallets.

- Rapid stroke technology saves time and money
- Special profiles in the bale ejection door in the filling hatch and in the press ram form recesses in the bales
- Flexible and fixed retaining claws optimise material compression and reduce the number of filling processes
- High process reliability due to HSM TCS (TorsionControlSystem)
- Convenient membrane keypad with text display which shows the current status of the machine
- Solid press ram and extremely stable press ram guidance
- Configuration:
  Double door with hydraulic door lock

Model	**HSM V-Press 860 L**	**HSM V-Press 860 plus B**
Pressing power in kN	594	594
Motor in kW	4	4
Voltage / Frequency	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 650	1500x651
Bale weight in kg (depending on material)	up to 460	depending on material
Bale size (L x W x H) in mm	1200 x 780 x max. 1200	1500 x 780 x max. 1200
Cycle time in idle operation (theor.) in sec.	25	25
Press chamber size (W x D x H) in mm	1195 x 780 x 1640	1500 x 780 x 1640
Dimensions of machine (W x D x H) in mm	1785 x 1067 x 2985	2099 x 1245 x 2985
Machine weight in kg	1950	2336
Strapping	4-fold with wire / optional polyester tape	4-fold with wire

Technical and design modifications reserved. All technical data and dimensions are approximate values.



Compaction of stiff plastics – HSM V-Press 860 S

The model HSM V-Press 860 S is the perfect machine for the volume reduction of stiff plastics (e.g. monitor and TV set housings) and expanding plastic film (other materials upon request).

- Rapid stroke technology saves time and money
- Double quantity of retaining claws optimise the compression of the pressing material and reduce the number of loading actions
- Reinforced press chamber and door lock
- Robust mechanical bale ejector chain
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configuration:
  Lateral attached door with hydraulic door lock



Compaction of PET bottles – HSM V-Press 860 P

The vertical baling press HSM V-Press 860 P is especially designed for the compression of opened or perforated PET/ UBC bottles.

- Rapid stroke technology saves time and money
- Double quantity of retaining claws optimise the compression of the pressing material and reduce the number of loading actions
- Reinforced press chamber and door lock
- Robust mechanical bale ejector chain
- High process reliability due to HSM TCS (TorsionControlSystem)
- Configuration:
  PET/UBC door with hydraulic door lock

Model	**HSM V-Press 860 S**	**HSM V-Press 860 P**
Pressing power in kN	434	434
Motor in kW	4	4
Voltage / Frequency	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 650	1195 x 650
Bale weight in kg (depending on material)	depending on material	up to 230
Bale size (L x W x H) in mm	1200 x 780 x max. 1200	1200 x 780 x max. 1200
Cycle time in idle operation (theor.) in sec.	25	25
Press chamber size (W x D x H) in mm	1195 x 780 x 1640	1195 x 780 x 1640
Dimensions of machine (W x D x H) in mm	1868 x 1076 x 2985	1870 x 1294 x 2985
Machine weight in kg	2290	2290
Strapping	4-fold with wire	4-fold with wire

Technical and design modifications reserved. All technical data and dimensions are approximate values.



Compaction of PET bottles in bags – HSM V-Press 860 E

The vertical baling press HSM V-Press 860 E is specially designed for the compression of crushed PET/UBC bottles in bags.

- Special retaining claws optimise the compression by stopping the expansion into the press chamber
- Reinforced press chamber and door lock
- Stainless steel tray for manual draining
- Configuration:
  Loading flap with hydraulic door lock

Model	**HSM V-Press 860 E**
Pressing power in kN	548
Motor in kW	4
Voltage / Frequency	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 650
Bale weight in kg (depending on material)	up to 320
Bale size (L x W x H) in mm	1200 x 780 x max. 1200
Cycle time in idle operation (theor.) in sec.	25
Press chamber size (W x D x H) in mm	1195 x 780 x 1640
Dimensions of machine (W x D x H) in mm	1785 x 1544 x 2990
Machine weight in kg	1900
Strapping	4-fold with wire

Technical and design modifications reserved. All technical data and dimensions are approximate values.

Save time and money with volume reduction and automatic loading!

In addition to the well-known advantages of the V-Press series, the HSM V-Press 860 TimeSave has a decisive added-value factor: significant savings in time with less staff needed for the task.

Thanks to the time-saving lifting/tilting device, it only takes a few seconds to load the HSM V-Press 860 TimeSave using a collection cart.

1. Rapid stroke technology saves time and money
2. Manual loading possible at any time
3. High degree of compression without prior cutting
4. Particularly large and robust collection cart*
5. Convenient and quick loading



Saves up to 1.5 h per bale compared to other vertical baling presses with automatic loading. Each cart is emptied within 12 seconds.

Saves up to 5.0 h per bale compared to other vertical baling presses with manual loading.

Model	**HSM V-Press 860 TimeSave**
Pressing power in kN	594
Motor in kW	4+3
Voltage / Frequency	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	1195 x 650
Bale weight in kg (depending on material)	up to 430
Bale size (L x W x H) in mm	1200 x 780 x max. 1200
Press chamber size (W x D x H) in mm	1225 x 780 x 1640
Dimensions of machine (W x D x H) in mm	2202 x 3584 x 3004
Machine weight in kg	3680
Strapping	4-fold with Quick-link wire

Technical and design modifications reserved. All technical data and dimensions are approximate values.





Convenient and quick loading



Compresses bulky cardboard with no problem



Easy to clean

* Additional equipment

- Compact design – small footprint
- Convenient and particularly fast loading via hydraulic lifting/tilting device
- Optimised bale dimensions and bale weights for efficient storage, transport and direct commercialisation
- Operating side optionally left hand or right hand
- High degree of operator safety and clean operation thanks to the closed system
- Compresses cardboard
- Special retaining claws optimise the compression of the pressing material, increasing both the loading volume and bale output
- HSM TCS (Torsion Control System) for monitoring press ram movement
- Modern microprocessor controller with membrane keypad and text display
- Manual 4-fold strapping with Quick-link wire

Especially for barrel compaction



HSM FP 3000

With a pressing power of 270 kN the HSM FP 3000 is excellently suited for pressing light metal and rolled hoop barrels.

- Low height and small footprint
- Press ram with spikes for opening the barrels and collector tray for residual liquid
- Enclosed on all sides with inspection window for safety and dust reduction
- Membrane key-pad with LED for operator safety
- Automatic return stroke saves time, overheads and personnel costs
- Low-maintenance and durable electro-hydraulics
- Explosion protected model as per CE EX II 2G h IIB T4 Gb available on request



Press ram with spikes



Volume reduction



Collector tray for residual liquid

Model	**HSM FP 3000**
Pressing power in kN	270
Motor in kW	7,5
Voltage / Frequency	3 x 400 V / 50 Hz
Loading aperture (W x H) in mm	618 x 1092
Barrel type / barrel size up to 200 liter	light metal and rolled hoops
Cycle time in idle operation (theor.) in sec.	33
Press chamber size (W x D x H) in mm	1158 x 999 x 2892
Machine weight in kg	972

Technical and design modifications reserved. All technical data and dimensions are approximate values.

Consumable materials

On this page you can find consumables for continuous operation of your HSM vertical baling presses.



Strapping twine

Item number	Suitable for press models with standard equipment	Length per roll	Weight per roll
6201 993 000	HSM V-Press 60	200 m	2 kg



Polyester tape

Item number	Suitable for press models with standard equipment	Type	Tensile strength	Length per roll	Tape width	Weight per roll
6205 993 010	HSM V-Press 503	**WG 30**	280 kg	500 m	8,0 mm	2,2 kg
6212 993 010	HSM V-Press 504 / 605 / 610 / 818 / 820 / 825	**WG 40**	380 kg	500 m	11,5 mm	3,3 kg
6514 993 000	HSM V-Press 860 / 1160	**WG 55**	670 kg	400 m	14,6 mm	4,5 kg
6216 993 000	Very expansive materials	**WG 65**	800 kg	400 m	17,3 mm	5,3 kg
6216 993 050	Special applications	**HD 65**	950 kg	400 m	16,1 mm	7,1 kg



Tape clamps

Item number	Item	Weight/ 1000 pcs
6127 990 101	Tape clamps HSM	12 kg



Eyelet wire

Item number	Suitable for press models with standard equipment	Wire diyameter/ length	Weight per roll
6135 993 002	HSM V-Press 860	2,8 x 3700 mm	10 kg
6136 993 002	HSM V-Press 1160	2,8 x 4400 mm	10 kg
6135 993 003	HSM V-Press 860 P / 860 S	3,1 x 3700 mm	12 kg



Quick-Link wire

Item number	Suitable for press models with standard equipment	Wire diyameter/ length	Number of wires/ bundle
6155 993 000	V-Press 860 TimeSave	2,45 x 3400	36

Find out more about HSM environmental technology

HSM is one of the leading manufacturers of baling presses and document shredders worldwide. Get to know our whole product range at www.hsm.eu and ask for our special catalogue.

Simply call, email or send us a fax, we will be happy to help!

*does not apply for HSM V-Press 60

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Technical details at a glance

Model	Version	Pressing power in kN	Motor in kW	Cycle time when idling (theor.) in sec.	Acoustic level in dB(A)	Bale size L x W x H in mm	Bale weight in kg
HSM V-Press 60	-	-	-	-	-	800 x 600 x max. 800	up to 40
HSM V-Press 503	eco	30	0,75	30	72,1	700 x 500 x max. 850	up to 50
HSM V-Press 504	eco	40	1,1	27	64,3	700 x 500 x max. 600	up to 60
HSM V-Press 605	eco	57	1,5	21	59,6 (230V) 60,1 (400V)	800 x 600 x max. 600	up to 70
HSM V-Press 610	eco	120	3,0	22	59,6	800 x 600 x max. 600	up to 100
HSM V-Press 818	plus	185	4,0	27	63,5	1200 x 780 x max. 700	up to 200
	plus pro	185	4,0	27	63,5	1200 x 780 x max. 700	up to 200
HSM V-Press 820	plus	178	4,0	23	62,5	1200 x 780 x max. 1000	up to 250
HSM V-Press 825	plus	250	4,0	39	62,5	1200 x 780 x max. 700	up to 280
	plus pro	250	4,0	39	62,5	1200 x 780 x max. 700	up to 280
HSM V-Press 860	eco	594	4,0	25	62,9	1200 x 780 x max. 1200	up to 480
	plus	594	4,0	25	62,9	1200 x 780 x max. 1200	up to 480
	max	594	4,0	25	62,9	1200 x 780 x max. 1200	up to 480
	plus B	594	4,0	25	62,9	1500 x 780 x max. 1200	up to 550
	L	594	4,0	25	62,9	1200 x 780 x max. 1200	up to 460
	P	434	4,0	25	62,9	1200 x 780 x max. 1200	up to 230
	S	434	4,0	25	62,9	1200 x 780 x max. 1200	depending on materia
	E	548	4,0	25		1200 x 780 x max. 1200	up to 320
	TimeSave	594	7,0			1200 x 780 x max. 1200	up to 430
HSM V-Press 1160	eco	594	4,0	25	62,9	1200 x 1100 x max. 1200	up to 550
	plus	594	4,0	25	62,9	1200 x 1100 x max. 1200	up to 550
	max	594	4,0	25	62,9	1200 x 1100 x max. 1200	up to 550
HSM FP 3000	-	270	7,5	33	-	-	-

Experience HSM's quality and service!

Which is the right baling press for you?

It is not always easy to decide which is the right system for a particular disposal task. We have specialists and dealers all over the world who can analyse your needs on site and give you detailed advice. Only then can you be sure that you will get the right baler to suit your specific requirements.

When does a baling press start paying for itself?

Are you wondering what financial benefits a baling press might have over your existing disposal system? We will calculate the costs you will save by using a baling press rather than external disposal for your individual situation.

What quality can I expect from HSM?

We build high-quality, reliable products to the highest standards of German engineering. In order to meet these standards, we produce the majority of components ourselves, and are certified according to DIN EN ISO 9001.

How long is my warranty?

All our baling presses have a one-year warranty (in single-shift operation).

And if something does go wrong?

We certainly won't leave you alone. Our service guarantees personal support in all service issues – before and after purchase! Our agents and trading partners provide advice and assistance in many countries worldwide.

HSM all-round service ...

... ensures that you no longer have to worry about maintenance prevention. HSM offers service contracts for every need – for the long service life of your press and to save you money.

Renting our baling presses?

HSM provides you with the option of renting our baling presses, which our sales team will be happy to explain.

Any special wishes?

Some materials place special demands on a baling press. HSM offers various versions to meet these requirements. Special solutions are also available on request.

Strapping x times	Loading aperture W x H (mm)	Loading height in mm	Machine dimensions W x D x H in mm	Transport height in mm	Machine weight in kg	Connector plug
3	740 x 635	1015	810 x 735 x 1280	1280	95	-
2	700 x 500	661	953 x 679 x 1962	1962	245	230 V
2	700 x 470	661	1020 x 812 x 1922	1922	290	230 V
3	800 x 495	655	1198 x 823 x 1986	1986	485	230 V CEE 5 x 16 A 6 H
3	800 x 495	655	1198 x 823 x 1986	1986	540	CEE 5 x 16 A 6 H
4	1195 x 530	958	1700 x 1046 x 2370	1735 (1950*)	1070	CEE 5 x 16 A 6 H
4	1195 x 540	958	1709 x 1248 x 2370	1785 (1950*)	1173	CEE 5 x 16 A 6 H
4	1195 x 558	928	1700 x 1075 x 2499	1990	1300	CEE 5 x 16 A 6 H
4	1195 x 530	958	1700 x 1046 x 2370	1735 (1950*)	1070	CEE 5 x 16 A 6 H
4	1195 x 540	958	1700 x 1248 x 2370	1785 (1950*)	1210	CEE 5 x 16 A 6 H
4	1195 x 650	1100	1797 x 1067 x 2985	2140 (2168*)	1900	CEE 5 x 16 A 6 H
4	1195 x 650	1100	1797 x 1247 x 2985	2140 (2168*)	2030	CEE 5 x 16 A 6 H
4	1195 x 650	1100	1797 x 1247 x 2985	2140 (2168*)	2083	CEE 5 x 16 A 6 H
4	1500 x 651	1100	2099 x 1245 x 2985	2140 (2168*)	2336	CEE 5 x 16 A 6 H
4	1195 x 650	1100	1785 x 1067 x 2985	2140	1950	CEE 5 x 16 A 6 H
4	1195 x 650	1115	1870 x 1294 x 2985	2140	2290	CEE 5 x 16 A 6 H
4	1195 x 650	1100	1868 x 1076 x 2985	2140	2290	CEE 5 x 16 A 6 H
4	1195 x 650		1785 x 1544 x 2990		1900	
4	1195 x 650		2202 x 3584 x 3004		3680	
4	1195 x 650	1115	1780 x 1388 x 2985	2140 (2168*)	2427	CEE 5 x 16 A 6 H
4	1195 x 650	1115	1780 x 1568 x 2985	2140 (2168*)	2427	CEE 5 x 16 A 6 H
4	1195 x 650	1115	1780 x 1568 x 2985	2140 (2168*)	2430	CEE 5 x 16 A 6 H
-	618 x 1092	-	1158 x 999 x 2892	1917	972	CEE 5 x 32 A 6 H

*with tape station

Explanations of the technical data

Pressing power:	Cylinder piston surface multiplied by the maximum hydraulic pressure (theoretical value).
Motor:	Rated power of driving motor.
Voltage / Frequency:	Three-phase power supply.
Loading aperture:	Size of the opening through which material can be loaded.
Loading height:	Height from floor to loading edge.
Bale weight:	The bale weight varies depending on the type, humidity and condition of the compressed material and the bale length or height.
Bale size:	The height/length of the bales varies depending on the expansion force of the compressed material. The dimensions of the bales specified here correspond to the dimensions in the compaction chamber.
Cycle time in idle operation (theor.):	The time it takes for the press ram to move down without material and return idling to the home position. The pressing time does not depend on the material.
Press chamber size:	The press chamber is the space below the press ram in the home position.
Dimensions of machine:	External dimensions of the machine when set up for operation.
Transport height:	Height for moving to the installation site (without hand pallet truck).
Machine weight:	Net weight of the machine without packaging, loaded material or options.
Strapping:	The number of times the bales are strapped.

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HSM – the company

Shredding and Compressing.



Since 1971, HSM has been pursuing a clear strategy – a consistent commitment to “Made in Germany” quality. This product and service quality is the key to our success in both the office technology and environmental technology business sectors. As a specialist in products and services for data protection as well as technologies for improving logistics and recycling processes, HSM is one of the world’s leading providers in these sectors.

Contact us now! We are always glad to help.

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