



## VK4812 P, 15kW,3x400V 500016035

Testused baler VK 4812P

### Technical Data

- Main drive power: 15 kW
- Motor efficiency class IE3 according to IEC standard 60034/30
- Total drive power: depends on additional equipment
- Voltage / Frequency: 3 x 400 V / 50 Hz + N + PE
- Pressing force: 480 kN
- Specific pressing force: 58 N/cm<sup>2</sup>
- Pump flow rate: 102 l/min
- Tank capacity: 300 l
- Filling opening (W x L): 1020 x 1250 mm
- Bale/channel cross-section (W x H): 1100 x 750 mm
- Bale length adjustable in 4 steps: 600 - 1200 mm
- Bale weight at 1200 mm bale length: approx. 300 - 550 kg  
or standardized bale weight (per m<sup>3</sup>): approx. 300 - 550 kg  
(depending on material)
- Cycle time (idle press stroke forward and back): approx. 24.50 sec
- Theoretical volume throughput: 151 m<sup>3</sup>/h
- Theoretical throughput at bulk density:  
20 kg/m<sup>3</sup> = approx. 3.02 t/h  
50 kg/m<sup>3</sup> = approx. 7.55 t/h

### Technical Description HSM VK 4812 P

- Special filling chute (snout design)  
for manual rear loading via existing ramp  
with push-through cylinders on the right (viewed in pressing  
direction)  
Control cabinet positioned to the left of the snout chute on the ramp
- Fully automatic pressing
- Fully automatic horizontal 4-  
fold strapping using patented wire spools
- Pressing interval control via light barrier  
2450 mm pressing channel, conical
- Cone angle hydraulically adjusted depending on material
- Programmable logic controller Siemens S7-1200, with  
text display and diagnostic memory: important  
operating states displayed in plain text
- Bale counter integrated in text display
- Operating hours counter
- Press box floor in wear zone made of Hardox
- Side channel sealing with upper dirt strip  
on both sides for special applications (e.g. PET)
- Wear plate lining with additional welded wear plates  
in the bottom part of the pressing channel
- Wire slot covers on press plate front prevent  
entry of contaminants into push-through channels
- Retention system: 6 brake wedges in channel floor and

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- ceiling area to increase friction of pressed material
- Shortened and compact cascade design at rear of baler
- Standard paint finish: Press: RAL 7011 (iron grey)  
Cylinder, motor, control cabinet: RAL 9002 (grey white)
- Machine base weight without additional equipment: approx. 9.5 - 10 tons
- includes technical documentation, 3 copies, in German
- Includes GS mark (Tested Safety) and CE Declaration of Conformity

#### Optional Equipment

Oil cooler, cooling capacity 9 kW

for 15 kW main drive baler

(motor power 1.5 kW) for continuous operation under high load or high ambient temperatures

Control cabinet heater

for installation in unheated halls or under shelters,  
temperature  $< > 10\text{ }^{\circ}\text{C}$

Tank heater

for installation in unheated halls or under shelters,  
temperature  $< > 4\text{ }^{\circ}\text{C}$

Press shutdown

automatic shutdown when "wire end" is detected

Special wire station for 250/500 kg wire coils

placed separately next to the press,

incl. wire feed to baler

(initial wire supply not included!)

Bale chute

to compensate for height difference

between press channel and floor level  $\pm 0$ , length approx. 3300 mm

Special filling chute (snout)

for manual loading from existing ramp

Control panel at separate location

with operating functions and text display;

supply lines and cable ducts included

(max. 10 m radius from press)

Optical warning signal

2 flashing lights (1x red / 1x blue)

mounted on baler control cabinet

to indicate general faults and cleaning strokes

Remote maintenance system

for external data analysis and processing

Central lubrication of the press plate

via progressive lubricant distributor – manual

Transport carts for wire coils / 8 pcs

mobile, each equipped with swivel and locking wheels



Emergency stop strip  
mounted on the filling chute of the press

technical and optical modifications reserved  
product image is an example image

delivery time: on demand

Modifications and errors reserved

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<b>Order number:</b>	6450P03972G04906	<b>Standort:</b>	Poland
<b>Pressing power:</b>	480 kN	<b>Type of product:</b>	Channel baling press
<b>Voltage / Frequency:</b>	400 V / 50 Hz		