

VK4812 P, 15kW 530008013



Product highlights

Fully Automatic Electro-Hydraulic Channel Baler VK 4812 P

- article 6450P04213G05178
- Year of manufacture 2017

Technical Data

- Main drive power: 15 kW
Motor efficiency IE3 according to IEC standard 60034/30
- Total drive power: depending on optional equipment
- Voltage / Frequency: 3 x 400 V / 50 Hz + N + PE
- Press force: 480 kN
- Specific press force: 58 N/cm²
- Pump delivery rate: 102 l/min
- Tank capacity: 300 l
- Feeding 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 m³) approx. 300 - 550 kg
(depending on material)
- Cycle time (press stroke idle forward and return): approx. 24.50 sec
- Theoretical volume throughput: 151 m³/h
- Theoretical throughput at a bulk density
of 20 kg/m³ = approx. 3.02 t/h
of 50 kg/m³ = approx. 7.55 t/h

Technical Description HSM VK 4812 P

- Designed with special feed chute "snout" (left) for lateral manual feeding via existing ramp extension
- Pusher cylinder located on the right when viewed in pressing direction
- Control cabinet positioned on the left next to the snout chute on the ramp
- Fully automatic pressing operation
- Fully automatic horizontal 4-fold tying using patented coiled wire
- Press interval control via photoelectric sensor
- 2450 mm press channel, conical
- Channel conicity hydraulically adjusted depending on material
- PLC control Siemens S7-1200 with text display and diagnostic memory: important operating states displayed in plain text
- Bale counter integrated into the text display
- Operating hours counter
- Press chamber floor in wear area made of Hardox
- Side press channel sealing with upper dirt strip, installed on both sides for special applications (e.g. PET)
- Wear plate lining with additionally welded-on wear plates in the bottom section of the press channel
- Wire slot covers on press platen front prevent ingress of contaminants into the pusher channels of the press platen front
- Retaining system with 6 braking wedges in the press channel floor and top cover area to increase material friction

- Shortened and compact cascade design at the rear of the baler
- Paint finish (standard):
 - o Press: RAL 7011 (iron grey)
 - o Cylinders, motor, control cabinet: RAL 9002 (grey white)
- Base machine weight without optional equipment approx. 9.5 - 10 tons
- Includes technical documentation, three copies, German
- Includes GS mark (Tested Safety) and EC Declaration of Conformity

Optional Equipment According to Framework Agreement

Oil cooler, cooling capacity 9 kW
for baler with 15 kW main drive power
(motor power 1.5 kW) for continuous operation with high workload
or at high ambient temperatures

Control cabinet heater
for installation in unheated halls or under canopies,
temperature $<(><<)> 10^{\circ}\text{C}$

Tank heater
for installation in unheated halls or under canopies,
temperature $<(><<)> 4^{\circ}\text{C}$

Press shutdown

automatic operation switches off when "wire end" is detected

Special wire station
for 250 / 500 kg wire coils,
installed separately next to the baler,
including wire feed to the baler
(initial wire supply not included!)

Bale chute
to compensate height differences
press channel - floor level ± 0 , length approx. 3300 mm

Special feed chute (snout)
for manual feeding from an existing ramp

Control panel at separate installation location
with operating functions and text display;
power supply lines and cable ducts included
(max. distance 10 m from the baler)

Optical warning signal
2 flashing lights (1x red / 1x blue),
mounted on the baler control cabinet
for signaling collective faults and cleaning cycles

technical and optical modifications reserved
product image is an example image

delivery time: on demand

Modifications and errors reserved