VK 4812 P, 15kW 500019139



Producthoogtepunten

Fully Automatic Electro Hydraulic Channel Baling Press HSM VK 4812 P

- article 6450P04086G05167
- Year of manufacture 2016

Technical Data

- Main drive power: 15 kW
  Motor efficiency IE3 in accordance with IEC standard 60034/30
- Total drive power: depending on optional equipment
- Voltage / Frequency: 3 × 400 V / 50 Hz + N + PE
- Pressing force: 480 kN
- Specific pressing force: 58 N/cm²
- Pump delivery rate: 102 l/min
- Tank capacity: 300 l
- Feed opening (W × L): 1020 × 1250 mm
- Bale / channel cross-section (W × H): 1100 × 750 mm
- Bale length, adjustable in 4 stages: 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 volumetric throughput: 151 m³/h
- Theoretical throughput at bulk density:
  - 20 kg/m³ = approx. 3.02 t/h
  - 50 kg/m³ = approx. 7.55 t/h

Technical Description – HSM VK 4812 P

- Version with special feed chute """"snout""""
  for manual rear feeding via existing ramp

with pusher cylinders, viewed in pressing direction on the right
Control cabinet positioned to the right of the snout chute on the ramp

- Fully automatic compaction
  Fully automatic, horizontal 4 fold tying system using
  patented spool wound wire
- Press interval control via photoelectric sensor
- 2450 mm press channel, conical
- Conicity hydraulically adjusted depending on material
- Programmable logic controller Siemens S7 1200, with
  text display and diagnostic memory: important operating states
  are shown in plain text
- Bale counter integrated in text display
- Operating hours counter
- Press box floor in the wear zone made of Hardox
- Lateral press channel sealing with upper dirt strip
  on both sides for special applications (e.g. PET)
- Wear plate lining using additionally welded wear plates
  in the floor section of the press channel
- Wire slot covers at the press plate front prevent
  the ingress of foreign objects into the pusher channels
  of the press plate front
- Retaining system with 6 brake wedges in the press channel floor
  and top 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)
- Machine base weight without optional equipment:
  approx. 9.5 – 10 tonnes
- Including technical documentation, 3 copies, German
- Including GS mark (tested safety) and CE declaration of
  conformity

Optional Equipment

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

- Control cabinet heater
  for installation in unheated halls or under canopies,
  temperature <(><<)> 10 °C

- Tank heater
  for installation in unheated halls or under canopies,
  temperature <(><<)> 4 °C

- Press shutdown
  automatic shutdown when """"wire end"""" message is triggered

- Special wire station for 250 / 500 kg wire coils,
  installed separately next to the baler,
  including wire feed to the baler

- Bale chute
  to compensate for 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 a separate installation location,
  with operating functions and text display;
  supply lines and cable ducts included
  (max. radius 10 m from the baler)

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

- Remote maintenance system
  for external data analysis and processing

- Central lubrication of the press plate
  via progressive lubricant distributor – manual

Additional project specific optional equipment required due to installation conditions:

- transport trolley for wire coils / 8 units,
  mobile, each equipped with steering and locking rollers

- Emergency stop switching bar
  mounted on the baler feed chute

technical and optical modifications reserved
product image is an example image

delivery time: on demand

Modifications and errors reserved

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