

Baler unoTech, type UPAMAT 150 V5 H4, yoc 2019, only approx. 3,500 operating hours, press power 125 t, drive power 2 x 75 kW, 9-fold cross tying system



The press is currently being overhauled with add-on parts. The machine has been completely dismantled for this purpose and the frame has been primed and painted after sandblasting. The overhauled baler is expected to be finally assembled and ready for operation by the end of September 2022.

Technical data baler:

Manufacturer unoTech GmbH

Type UPAMAT 150 V5 H4

Year of construction 2019

Hours of operation approx. 3,500 hours, stand October

Press power 1,250 kN (125 tons) at 260 bar

Cutting power max. 1,550 kN (155 tons) at 315 bar

Specific press power 124 N/cm²

System pressure 260 bar

Max. work pressure 315 bar

Cutting edges free pusher 250 kN (25 t)

Feed channel 2,000 x 1,020 mm (l x w)

Capacity per cycle time 2,2 m³

Bale size 1,100 x 1,100 mm, length variable up to 2,000 mm

Driving motor 2 x 75 kW

Connected load 180 kW

Current load 315 A

Tying system 5-fold vertical, 4-fold horizontal, fully automated

Throughput rate at a

bulk weight of 20 up to 30 kg/cbm approx. 18 tons/hour

bulk weight of 35 up to 50 kg/cbm approx. 30 tons/hour

bulk weight of 60 kg/cbm approx. 34 tons/hour

bulk weight of 100 kg/cbm approx. 52 tons/hour

Bale weight 1,100 up to 1,700 kg, it depends on material and bale length

Volume hydraulic oil tank 3,100 l

SPS controller Siemens S-7 TIA, ET 200 SP

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Baler dimensions built up without hopper 18,000 x 7,500 x 4,800 mm (l x w x h)
Machine weight baler approx. 60,2 tons

Special equipment of the baler:

Complete press box made of S355 steel
Press bottom covered with exchangeable HARDOX wear plates (15 mm)
Press box side walls with exchangeable HARDOX wear plates (10 mm)
Central lubrication point for press plate rollers in maintenance position
Segmented counterblade system with relief grinding and large cutting clearance angle
Bale chute
Bale length gauge
Wire break monitoring
Large digit display
Control with remote diagnostic system
Key transfer system

Condition of the baler:

The press is currently being overhauled with add-on parts. The machine has been completely dismantled for this purpose and the frame has been sandblasted, primed and painted. After that the press is rebuild. On request, the machine will be delivered with a new chain belt conveyor, assembled, installed and commissioned.

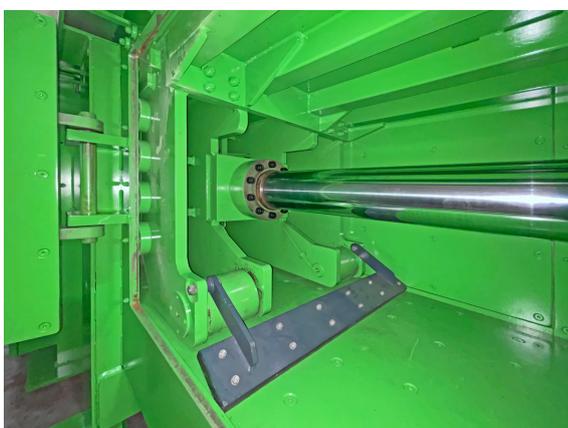
Comments:

The documentation (Manual, CE, electr./hydr.-drawings), are completely available. Inspections are possible after agreement. We will not assume liability for the given technical data and possible errors.

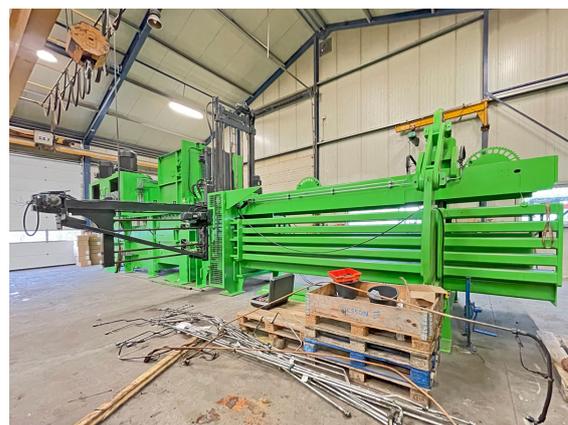
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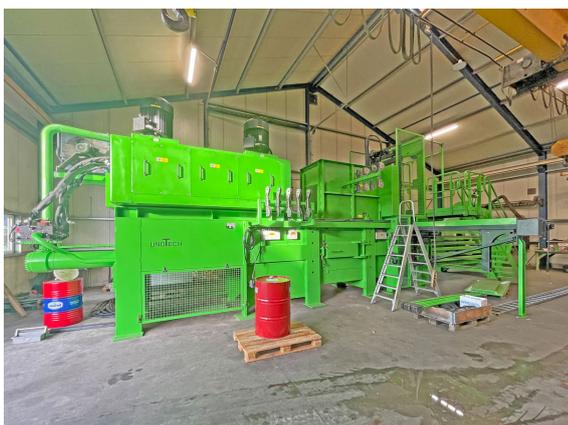
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