HEM 582/561 Z

With an ever-improving performance ...

Application areas:

- The chipper, driven by a PTO shaft, is optimally designed for tasks involving reducing whole trees up to 560 mm in diameter, as well as forest residue and cut shrubbery.
- Ideal conditions for directly transferring the power from the new “super tractors” to the chipper components via the PTO shaft.

Your requirements fuel our motivation:

- The easygreen control system is a standard feature of the HEM 582 and HEM 561 chippers.
- The segregation area of the HEM 582, which has been increased by 30%, ensures the high possible throughput rates.
- Tasks can be performed comfortably and efficiently thanks to the hydraulic table-unlocking device on the HEM 582.
- For each machine, the upper intake roller is driven by a low-maintenance, internal gearbox.
- No time-consuming cleaning tasks are necessary due to the design of the machine stand (closed off at the sides).
- High throughput rates for the production of high-quality chips with relatively few fine particles, plus minimal wear, are possible due to the innovative means of discharge via conveyor belt.

Efficiency of the HEM 582:

The tractor engine simultaneously serves as the drive engine for the PTO-shaft-driven mobile chipper, while the driver’s cab is also used as the “workplace” for the machine operator.

- The screen basket can be changed without the use of tools thanks to an innovative, hydro-mechanical system.
- Independent engagement of the rotor and blower allows for a simplified free running of the machine. This protects both the tractor coupling unit and the universal joint shaft.
- The mobile chipper can be easily coupled to various types of tractors – and this would even apply to future-generation models – due to the height-adjustment feature of the drawbar and the powertrain.
- Large support loads are possible, because the axles beneath the chassis can be displaced. The subsequent fitting of a crane therefore presents no difficulties.
- Using a conveyor belt significantly reduces the levels of noise and dust emission at the machine, and makes it possible to process materials in places where previously this would only have been only achievable with the greatest difficulty.
- The belt can be laterally swivelled through an angle of up to 170° and can be vertically adjusted, with a maximum outfeed height of 5 metres.
- Compared to the case where an ejection blower is used, chips delivered by a conveyor belt have fewer fine particles, and for the machine there is a significant reduction in fuel consumption and power, with the machine being subjected to more gentle loads.

short facts

Models:
HEM 582 Z
HEM 561 Z

Performance:
HEM 582 Z:
hardwood: up to 45 cm in diameter
softwood: up to 56 cm in diameter
throughput rate: up to 180 lcm/h
HEM 561 Z
hardwood: up to 45 cm in diameter
softwood: up to 56 cm in diameter
throughput rate: up to 120 lcm/h

Intake opening:
HEM 582 Z: 680 x approx. 1,200 mm
HEM 561 Z: 650 x approx. 1,000 mm

Rotor diameter:
820 mm

Number of blades:
HEM 582 Z:
12 blades (optional, 24 blades)
HEM 561 Z:
10 blades (optional, 20 blades)

Material outfeed:
HEM 582 Z:
Blower, optional with conveyor belt
HEM 561 Z:
Blower

Power requirement:
HEM 582 Z:
For PTO shafts, this ranges from approx. 132 kW (180 hp) to 350 kW (476 hp)
HEM 561 Z:
For PTO shafts, this ranges from approx. 100 kW (136 hp) to 235 kW (320 hp)

Weight (basic model without loading crane)
HEM 582 Z: 11,200 kg
HEM 561 Z: 9,600 kg

Dimensions:
HEM 582 Z:
Length: Approx. 6.40 m
Width: Approx. 2.55 m
Height: Approx. 3.90 m
HEM 561 Z:
Length: Approx. 5.85 m
Width: Approx. 2.55 m
Height: Approx. 3.90 m

Control system features:
easygreen control system
Z-Tronic system
DIP switch functions
Automatic overload control unit