

HEM 420 DL/DQ/Z

Impressively versatile

short facts

**Models:**

- HEM 420 Z
- HEM 420 DQ
- HEM 420 DL

**Performance:**

- HEM 420 Z:**  
hardwood: up to 30 cm in diameter  
softwood: up to 42 cm in diameter  
throughput rate: up to 100 lcm/h

**Intake opening:**

420 x approx. 1,000 mm

**Rotor diameter:**

620 mm

**Number of blades:**

10 blades (optional, 20 blades)

**Material outfeed:**

Blower, optional with conveyor belt

**Drive:**

**HEM 420 Z:**  
PTO shaft, between approx. 90 kW (125 hp) and 180 kW (245 hp)

**HEM 420 DQ / DL:**  
Mercedes Benz OM 926 LA, 240 kW (326 hp)

**Weight (basic model incl. loading crane)**

**HEM 420 Z:** Approx. 11,500 kg  
**HEM 420 D:** Approx. 13,800 kg

**Dimensions (with loading crane taken into account):**

**HEM 420 Z:**  
Length: Approx. 5.50 m  
Width: Approx. 2.55 m  
Height: Approx. 3.80 m

**HEM 420 DQ**  
Length: Approx. 8.12 m  
Width: Approx. 2.55 m  
Height: Approx. 3.80 m



**Application areas:**

- Multiple versions of the machine, in order to satisfy the respective requirements for any application: "Z" indicates use of a PTO shaft, "DQ" indicates use of a lateral intake and "DL" indicates use of a longitudinal intake.

- Intended to be used for the processing of forest residue, grass/foilage cuttings and trunk wood with diameters up to 420 mm (approx.).

- The chipper can reach a throughput rate of up to 100 lcm/h.

- Ideal for reducing roadside greenery.

- Compact and powerful due to its upper intake roller, lower steel-link conveyor and foldable intake table.

- Sound logistical planning due to the optionally available silo, which acts

as a buffer when chips are being delivered, to avoid immobilisation.

- If a conveyor belt is used for discharging the processed material, then the wood chips will be of higher quality with fewer fine particles, and for the machine there will be a significant reduction in fuel consumption and power, with the machine being subjected to more gentle loads.

**Optimum adjustment:**

Various types of build are possible for the machine, to guarantee the best possible chipping performance:

- Trailer with tandem axle
- Fixed structure on a triple-axle lorry (fixed in position)
- Hook-lift body for "rolling off" the machine
- "Tiger" model with track roller unit for extreme terrain conditions.

