



 **KRONE**
THE POWER OF GREEN

Premos 5000

Mobile pellet harvester



Premos 5000

Mobile pellet harvester

- The first pellet harvester to produce a marketable product right in the field and in one single operation
- Premos 5000 – for mobile and stationary use
- Produces straw pellets of an extremely high bulk density value – 600-700 kg/m³
- Hourly output: 5,000 kge



Easy handling

Offering a bulk density of 600-700 kg/m³, straw pellets provide for a transport efficiency that is 3-5 times higher than that of baled straw. As another advantage, bulk handling can be automated very easily.



Go with the flow

16 mm diameter straw pellets offer an excellent surface area to volume ratio, hence an excellent energy efficiency, while retaining their excellent absorption qualities.



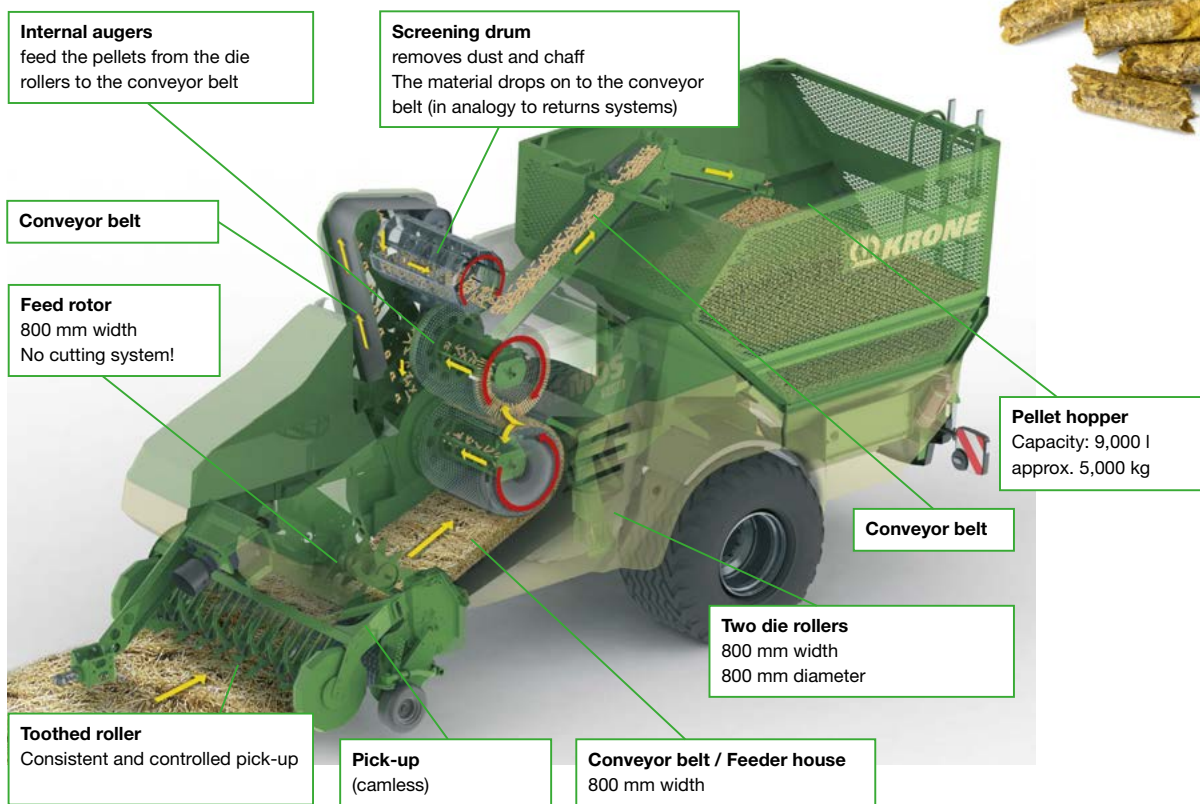
Animal welfare and animal health

Handed out in small quantities, the dust-free and sterile pellets make excellent toys for pigs.



The world's first mobile pellet harvester – Premos 5000

Every single step in the forage harvest chain aims at minimizing transport and storage costs and so the crop (grass, lucerne, straw) is baled into highest-density packs and bales. Premos 5000 (Kalverkamp system) compresses forage crops to densities that are 3-5 times higher than that of baling systems. Another advantage is the fact that pellets offer very easy handling.



Haylage pellets for bedding

1 kg of pellets absorb up to 4 litres of water. Haylage pellets also absorb slurry.



Feeding pellets

Pellets from hay, lucerne and straw make excellent base rations.



Serving as fuel

Offering a structure that is similar to woodchips, pellets make a good fuel, too.





Technical Data

Mobile pellet harvester

Premos 5000

Crops		Hay, lucerne, straw (a max. 16 % moisture level)
Length	approx. mm	8,600
Width	approx. mm	2,990
Height	approx. mm	3,900
Pick-up work width	approx. mm	2,350
Weight	approx. kg	13,000
Pellet diameter	approx. mm	16
Throughput	kg/h	up to 5,000
Hopper capacity	kg	5,000
Water tank	l	900
Molasses tank	l	300
Auxiliary tank	l	100
Tyres		800/45 R26.5
Minimum tractor input	approx. kW/hp	257/350



Versatile & profitable

As a stationary machine, Premos 5000 can be used all year round. Once fitted with a bale splitter, it will split both square and round bales of regular sizes and feed the material directly to the feed rotor and on to the conveyor belt. Changeover to mobile use is simple and fast: either fold up the bale splitter or remove it from the machine in no time at all.