



**Application areas:**

Nowadays, wood-based biomass is not only used for composting purposes in composting sites, but also for the recovery of bioenergy. The BA 725 is intended to be used for the processing of grass/foilage cuttings, bio-waste, trunk wood with diameters up to 45 cm (approx.), pre-crushed roots, bark, scrap wood, and round bales from SRC harvesting. The processed material improves the efficiency of the biogas plants.

A characteristic feature of the BA 725 DXL is the semi-trailer design with 6-metre long conveyor intake and a filling capacity of 10 m<sup>3</sup>; the maximum throughput rate is relatively high at 300 m<sup>3</sup>/h as a result. The BA 725 DXL processes large quantities of bulk material such as pre-crushed roots and large trunks, converting it into high-quality biomass.

**Less energy, less wear, more cost-efficiency:**

- Innovative und environmentally-friendly engine technology (based on Euromot 3B emission level) is responsible for drive; power rating of 375 kW (510 hp).
- Optimum use of the high driving power achievable due to availability of conveyor intakes of different length (4,000 mm to 6,000 mm) for the XL design; a continuous flow of material is guaranteed.
- Throughput rates of up to 220 m<sup>3</sup>/h are possible, depending on the material being processed.
- Machine available as double-axle, rigid drawbar trailer (with distance between axles equal to 1,310 mm or 1,810 mm), triple-axle, rigid drawbar trailer or as semi-trailer.
- easygreen – Innovative control

system for monitoring and operation of machine, plus recording of business-management and service data.

- Energy-efficient JENZ Energy Saver (JES) option and VARIO-flex control unit for reduced fuel consumption.
- Twin gears – dual belt drive unit for adjusting the speed of the rotor (speed range: 400 - 1,000 rpm)
- Reinforced rotor for easy system 50 application with extremely high impact force and reduced energy consumption.
- The standard, built-in impact protection system (IPS) helps to prevent the machine being damaged by foreign matter striking it.



**BA 725 D**

Most innovative solution for the processing of biomass



**easy system - Innovative and impressive standard, built-in hammer system:**

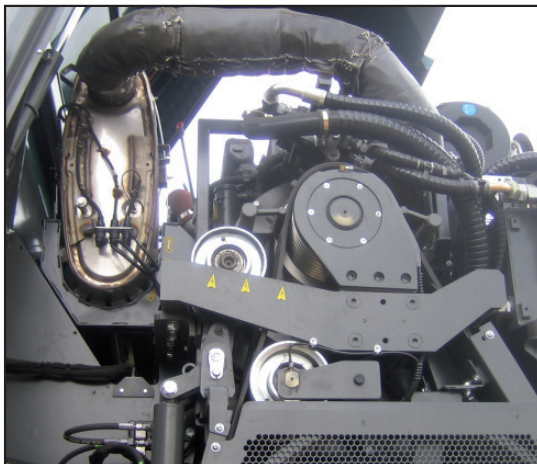
- Flexibility for every application
- Very powerful striking force due to its own weight
- Increased throughput rate
- Reduction of fuel consumption
- Greater durability of all wear parts
- Extremely simple "single-person assembly"

**Thorough intake of raw material:**

- Upper intake roller with rough and powerful gear teeth is driven by a low-maintenance, built-in gearing system
- A very smooth material intake process will result in a high throughput rate and shorter loading intervals.
- Innovative control functions ensure a uniform intake of material.

**New control system for more cost-efficiency:**

- The innovative, state-of-the-art easygreen control system is a standard component of the machine. This makes it possible for the operator to not only check the machine monitoring but also to view business-management and service data.
- The JENZ-Energy-Saver (JES) system is also integrated as standard. This allows the operator to switch the system to the idle state via the press of a button, in the event of a brief interruption to operation, and to subsequently switch back to operating speed just as easily.



## BA 725 D

### short facts

**Performance:**

green waste: up to 170 m<sup>3</sup> / h  
bark: up to 220 m<sup>3</sup> / h  
scrap wood: up to 110 m<sup>3</sup> / h

**Intake opening:**

720 x 1,500 mm

**Rotor diameter:**

1,040 mm

**Number of tools:**

22 easyfit hammers, 16 easyguard wear protectors (up to 38 components, depending on setup)

**Conveyor intake capacity:**

**BA 725 DXL:** Approx. 10 m<sup>3</sup>

**BA 725 D:** Approx. 6 m<sup>3</sup>

**Material outfeed:**

Via conveyor belt with an ejection height of up to 4.70 m (approx.) Magnets available upon request

**Main drive:**

Mercedes Benz OM 460/LA engine with power rating of 375 kW (510 hp) (Euromot 3B emission level)

**Weight (basic model):**

22,600 kg (with conveyor belt)  
**for E model** Approx. 13,000 kg or higher (depending on design)

**Dimensions of the BA 725 D:**

Length: Approx. 11.50 m or higher (with conveyor belt)  
Width: Approx. 2.55 m  
Height: Approx. 3.95 m

**Control system features:**

easygreen control system  
15-channel radio control system  
DIP switch functions  
Impact protection system (IPS)  
JES automatic system  
IBC system  
VARIO-flex system  
SENSOTRONIC  
Automatic overload control unit  
Automatic feed-height unit



■ The JES system is supplemented by the standard VARIO-flex control system. The “engine management” is made as effective as possible by the operator selecting a (material-dependent) speed from the green load range for the engine. Consequently, fuel consumption can be reduced to 0.3 l / m<sup>3</sup> (of produced biomass).

■ For the stationary version of the BA, the dimensions and technical design features are selected according to the individual requirements of the composting plants and biomass yards. Here, loading can either be achieved via conveyor belt or via a wheel loader.

■ There are various tools and screen baskets available, which can be selected according to the material structure.

**Highly flexible and usable anywhere:**

Owing to the large number of possible applications, there is a whole list of additional extras available for the BA 725, which can alter the total weight significantly. A flexible chassis is therefore of much importance. A choice can be made between the following: double-axle rigid drawbar trailer, triple-axle rigid drawbar trailer, full trailer with swan neck or, for the XL design, full trailer with 6-metre-long conveyor intake.

