



ARJES RAPTOR XL

BIOMASTER

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... always a step ahead!

ARJES RAPTOR XL BIOMASTER

The shredder with integrated screen.

Shredding and separating in one step - for perfect fuel

The real master in the preparation of biomass for shredding green material, root stocks, trunk wood, forest residue and much more.

The ARJES Raptor Biomaster has all of the tried and tested Raptor advantages:

- exact, even, final particles for direct marketing of the end product
- energy-saving direct mechanical drive with power shift gear
- Super Silent technology
- mobility, with all-terrain tracks
- versatile use



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Shaft system and drive

Using the new, patented ARJES shaft system with its efficient cutting geometry, the biomass material is immediately shredded to a precise particle size of up to 150 mm.

The shafts are driven by a powerful diesel engine (460 HP) and a mechanical power shift gear unit, which provides an energy saving of 30-40% in comparison with machines with hydraulic drives.

Screen deck

Underneath the shredding unit a special screen deck is fitted with a screen length of nearly 8000 mm. The pre-shredded material falls in controlled amounts on to the screen deck, which has a separating size of 0 – 20 mm or 0 – 40 mm. Over the long screen surface, the fine material such as sand, earth, stones, etc. is separated. The fine material is thrown off via the return belt to the centrifugal belt that is fitted transversely.



Tracks

For mobile use on all composting plants and clearing areas.

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Final material

The final biomass material is conveyed from the screen to the discharge belt. The extra length of the discharge belt with a discharge height of 4800mm allows for direct loading on to walking floor trailers or into high cones.



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