

Next Level Shredding

BA 916 D and BA 926 D in comparison

Petershagen (ghm). JENZ launched two new machines on the biomass processor market last year. The BA 916 green waste specialist and the flexible multi-talent BA 926 are part of

the new shredder generation. But how exactly do the machines differ and which shredder actually achieves which end product best? We will compare the two newcomers in detail.



BA 916 D
The garden waste specialist



BA 926 D
The flexible one

Chassis

- » Extreme mobility thanks to **2-axle chassis** and low total weight of less than 19 t
- » The **total train length of less than 18.75 m** allows transport by 3-axle truck with simultaneous use of a wheel loader
- » Standard underrun protection and **hydraulic propulsion drive**
- » Hydraulic support winch as standard for quick coupling and uncoupling

Chassis

- » Quiet driving comfort and maximum stability thanks to heavy **3-axle chassis**
- » Standard underrun protection and **hydraulic propulsion drive**
- » Hydraulic support winch as standard for fast coupling and uncoupling operations



Draw-in

- » **Free loading length of 4.40 m**, extension to 5 m is possible
- » Large **intake opening of 900 mm**
- » To avoid idle time: **Speed-function** catapults bulky material directly under the draw-in roller
- » New hydraulic system: significantly increased cooling power and more aggressive draw-in behaviour

Draw-in

- » **Free loading length of 4.25 m**, extension to 5 m is possible
- » Large **intake opening of 900 mm**
- » Increased draw-in opening + aggressive high-speed intake = remarkable increase in throughput
- » Faster material feed due to more force and electrically-adjustable pre-tensioning pressure
- » **Repositioning of the lower feed roller:** more control when feeding logs and roots. Result: improved wood chip quality and additional machine protection

Rotor

- » Choice of **freely-swinging or fixed tools** for optimum use depending on the material or desired end product
- » Two speed ranges: Eco and Power
 - Eco** (960 rpm): sufficient for most applications
 - Power** (1100 rpm): for even finer fragmentation

Rotor

- » Choice of **freely-swinging or fixed tools** for optimum use depending on the material or desired end product
- » Four working speeds thanks to the proven **TwinGear drive system** (400 to 1000 rpm)
 - Fast (hare) Eco and Power respectively
 - Slow (turtle) Eco and Power respectively

TwinGear



Maintenance

- » Ergonomic maintenance access in standing position
- » **Professional tool system** as standard:
 - swivelling toolbox
 - incl. compressed air connection and working light
 - direct access to tools and spare parts
- » **Screen changeover in under 10 minutes**
 - by only one person
 - two-piece screen basket set (transport of additional screen basket set possible)

Outfeed

- » Folding outfeed belt with **discharge height of 4400 mm**
- » **Side-swivelling discharge conveyor** (operation at the touch of a button)
- » Magnetic roller optional: for the selection of smaller iron parts

Control system

Innovative easy2 controller

- » Smartphone-like operation via **easy2TOUCH display**
- » Additional **easy2HOTKEY-Box** keypad for fast machine operation
- » Extended diagnostic options

Operator Info System

- » New **easy2CONNECT** radio remote control
 - control and monitoring of all functions from the loading vehicle (*integrated display with status indication*)
 - loading and stowing directly at the machine
 - additional 12V charging cradle on the charging vehicle

- » **LED status flashing lights** on the engine compartment cover signal the machine status to the operator from a distance

Unique assistance systems

- » Setup/dismantling assistant
- » GFA draw-in control system
- » Mode-Selecting system
 - factory pre-set chipping modes for quick changeover when changing material
 - up to three programmes



Maintenance

- » Ergonomic maintenance access with **additional handles and steps**
- » Swivelling discharge chute provides plenty of space for maintenance work on the shredding system
- » **Screen changeover in under 10 minutes**
 - by only one person
 - optional screen basket holder at the rear for additional two-piece screen basket set



Outfeed

- » Large screening area ensures unhindered material flow
- » **Leakage belt as standard**
- » Even more screening surface: optional installation of a screening floor with screening plates (*recommended when processing woody biomass*)
- » **Hydraulically-adjustable over-belt magnet**
 - height-adjustable from 150 mm (*via easy2 control*)
 - can be moved out of the material flow into a parking position

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Operator Info System

- » New **easy2CONNECT** radio remote control
 - control and monitoring of all functions from the loading vehicle (*integrated display with status indication*)
 - loading and stowing directly at the machine
 - additional 12V charging cradle on the charging vehicle
- » **LED status flashing lights on the engine housing roof signal the machine status to the operator from a distance**

Unique assistance systems

- » GFA assistance system for controlling draw-in speed
- » Mode-Selecting system
 - factory pre-set chipping modes for quick changeover when changing material
 - uncomplicated changeover between chipping and shredding mode

Advantages:

- + Professional tool system
- + unique driver assistance systems
- + ergonomic maintenance access

Advantages:

- + TwinGear System (enables chipping and shredding)
- + larger engine with 625 hp available (BA 926 D Wotan)
- + enlargement of the possible screen surface due to additional screen floor

Which one for what?
BA 916 / BA 926

Desired end product	Input material	Quality of material	Your JENZ biomass processor	Equipment/Tools
Biogas substrate	Dung, maize, grass, beets	Fine	BA 916 D/ BA 926 D	
		Rough	BA 926 D	Twin-Gear Low speed
Bark mulch/ Bark humus	Bark	Fine	BA 916 D/ BA 926 D	
		Rough	BA 926 D	Twin-Gear Low speed
Compost	Light green waste <i>(little woody mass)</i>	Fine	BA 916 D/ BA 926 D	
Compost	Strong timber, roots <i>(Aim: combustion)</i>	Rough	BA 926	Twin-Gear Fixed tools
Combustible	Light waste wood, logs	Fine	BA 916 D/ BA 926D	
		Rough	BA 926 D	Twin-Gear Low speed
Combustible	Heavy waste wood, roots, logs	Rough	BA 926 D	Twin-Gear Low speed

Defibering

- HK head (bear paw)
(longer service life thanks to carbide; for material without foreign bodies)
- CC head
(rough surface of the head promotes defibering)

Cutting

- Blade
(light material)
- Armored Blade premium line
(heavy material)



brief facts

Performance potential	BA 916 D		BA 926 D		Main drive	BA 916 D		BA 926 D	
	BA 916 D	BA 926 D	BA 916 D	BA 926 D		BA 916 D	BA 926 D	BA 916 D	BA 926 D
Throughput up to approx. (in lcm)					Standard-Dieselmotor	Mercedes-Benz		Mercedes-Benz	
Garden waste	280	340	Draw-in width (mm)	1500	1500	OM 471 LA(390/530)		OM 471 LA(390/530)	
Bark	280	340	Draw-in height (mm)	900	900	OM 471 LA(390/530)		OM 471 LA(390/530)	
Waste wood	170	230	Free loading length (mm)	4400	5000			OM 473 LA (460/625) opt.	