

JX-72RS

Wood chipper / garden shredder

Item no.: J33-10282



Seller

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<https://agrohof.com/product/jx-72rs-wood-chipper-garden-shredder>



Parameters

Name	Value
Weight	695 kg
Rotor Diameter	720 mm
RPM	540 rpm
Max tree diameter	16 cm
Tractor Power	min. 55 HP
Ejection height	2100 mm

Description

The Jansen JX-72RS is new to our shredder line. Working with this unit is a true delight thanks to its hydraulic feed system. With this model, feeding and pushing etc. are a thing of the past; the 2 feed rollers take care of this themselves. The speed of the feed rollers can be continuously adjusted with the control valve. This is important to adjust the feed speed to the diameter of the material to be shredded. Smaller diameters can be fed faster than larger diameters.

If the feeder does jam, the feed can be reversed with the large handle on the hopper. Plus, the feed can be switched off with this handle. The unit is powered via the tractor's hydraulics; a pressurised supply line and an unpressurised return line are required, or alternatively a double-acting control unit and a flow rate of at least 10 L/min.

The shredder comes complete with PTO. A shear pin has also been built into one side of the PTO, which serves as a predetermined breaking point for safety reasons in the event of blockages or overloading. This means that even larger tractors with more than 100 HP can be used with no problem.

You should have an engine power output of at least 55 HP. The PTO must have a speed of 540 rpm.

The feed hopper has an opening of 91x70 cm at the top; at the bottom the opening measures 21x29 cm. It can shred fresh wood with a maximum diameter of approx. 16 cm. Many competitors list the maximum shredding diameter as the measurement of the bottom of the feed hopper, however, this value is unrealistic and can trigger the safety mechanism in the PTO.

The back part of the feed hopper can easily be flipped up and secured with a cotter pin for easy transport.

The unit has a very maintenance-friendly design; you can open the flywheel cover completely by unscrewing just one screw, giving you access to the 4 cutting blades. These cutting blades are double-sided so they can be turned around if required. The flywheel has a net weight of 96 kg and has fitted wings, which produces the incredibly powerful suction which ultimately expels the chippings out of the chute. Thanks to this powerful suction, a blockage of the shredding unit is virtually impossible.

The discharge chute has a height of approx. 217 cm (plus the height of the lower link) and can be rotated 360 degrees. The ejection angle can also easily be changed. The Jansen JX-72RS can expel chippings up to 5 metres!

The shredder was designed to attach to the 3-point linkage and can be used from Cat. II.

Technical specifications:

Tractor power: min. 55 HP

Cut material: Ø up to 160 mm

Mount: 3 point linkage from Cat. II

PTO: included

Rpm: 540

Number of blades: 4 blades, 1 counter blade

Rotor diameter: 72cm

Rotor weight: 96 kg

Feed chute length: 90cm

Max. Wood diameter: 16cm

Feed chute height: 70 cm (bottom edge, varies by foot setting)

Ejection height: 210cm

Feed: (via tractor hydraulics) by 2 hydraulic feed rollers (10 L/min.)

Assembled dimensions: 290x125x220 cm (LxWxH)

Transport dimensions: 215x125x210 cm (LxWxH)

Weight: approx. 695 kg

Package dimensions: approx. 220x140x150 cm (LxWxH)

Weight incl. packaging: approx. 776 kg

IMPORTANT TO KNOW:

A tractor shredder is not ideally suited for needle-like materials such as spruce, pine, or cedar, and the desired result may also be lacking for willow. These materials are simply too soft for the feed rollers and flywheel, which can result in poor performance. Certainly, a better result can be achieved by adding wood branches or by processing certain diameters, but this is often not satisfactory.

Also, for the production of wood chips intended for a wood chip heating system, a tractor shredder is rather unsuitable as it does not produce standardized wood chips. The size of the wood chips depends on the type of wood and the shredder type and can be irregular, especially with fibrous, thin, or needle-like material. The use of standardized wood chips is common in wood chip heating systems but requires special shredders, which are typically found in a much higher price category.