



Service backed by people



Ripper 302 seed drill

P & L are coming to market with their innovative Ripper 300 seed drill. This technology is the most effective way to sow and restore permanent grassland (meadows and pastures).

The new machine still has Turbo Coulter corrugated disc technology. Coulters in the soil process narrow strips of soil to prepare the seedbed. Into these rows, a seed coulters places the seed at the required depth, which can be centrally adjusted with a hydraulic piston rod.

For the seed, we've chosen a two-chamber sowing box design. It is divided into a 1/3–2/3 ratio and has a total volume of 800 litres. One of the sowing box's chambers can be used to apply granular fertilizer.

The seed drill is driven mechanically by a spur gear at the rear. The seed drill comes with 19 coulters (row spacing 15.8 cm) or with 22 coulters (row spacing 13.6 cm).



The new seed drill model Ripper 302 is also suitable for sowing traditional cereals, oil-seeds, legumes and other crops, as well as for both traditional ploughing technology and No Till technology.

For each coulter, the two sowing mechanisms are placed one above the other. The sowing mechanism has two rollers, and a tedder is placed above it. A thick roller for large seeds and a small one for small seeds and grass. The seed quantity can be adjusted separately for each sowing mechanism. It is possible to choose the system for dropping the seed into the seed tube so that either the seed in the seed tube mixes in proportion to the set seeding amount, or each seed tube drops only those seeds that are selected. In practice, for example, sow one row of grass mixture and two rows of alfalfa or clover. In other cases, one row of marketable crop can be sown along with one row of an auxiliary crop, making use of mixed culture technology.

For applying liquid fertilizers or inoculants, the sowing combination is equipped with tanks for 600 litres in the HD version (19 coulters), which are placed directly on the frame with the coulters (photo below). On the 300 version (22 coulters), a 1,000-litre tank is located in the tractor's front hydraulics.

It is also important for the Ripper 302 seed drill to behave ecologically. Because the soil is processed in strips and the basic turf is not destroyed, there can be no massive water erosion on slopes. Though the seed drill is mechanical, it is very precise, and users will appreciate its ease of operation. Its solid construction is resistant even during direct sowing, and all working assemblies are secured by springs against stones and overload.



Your business partner



TECHNICAL PARAMETERS	RIPPER HD	RIPPER
Working swath	3.0 m	3.0 m
Distance between rows	15.5 cm	13.5 cm
Number of seeding units	19	22
Seed hopper	850 l*	850 l*
Weight	2300 kg**	2450 kg**
Required tractor power	from 120 hp	from 120 hp
Inoculator appl.	2 x 300 l	900 l (front)

* with 700/150 l double-chamber box *

** weight option up to 600 kg (depending on soil conditions)