

FOX

The cultivator and soil decompaction equipment
perfect for no-till farming areas



FOX

IDEAL CULTIVATOR FOR NO-TILL FARMING AREAS

Fox cultivator eliminates soil decompaction and at the same time saves the straw. It provides greater rainwater storage capacity, consequently improves the plant roots growing and increases productivity. Fox is the first cultivator in Brazil. The equipment is the result from studies and research carried out by Stara along with the Aquarius project. It is concluded that soil compaction is one of the causes that limits yield.



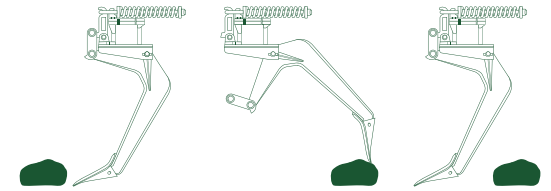
MAXIMUM DEPTH OF
26 cm
KEEPING
70%
OF THE STRAW
ON THE SOIL

Shank

The shank is **30 mm** thick and delivers narrow furrows with less soil disturbance. Additionally, it requires less tractor power which cuts down on fuel consumption to **25%**.

The vibration system for soil decompaction provides uniform decompaction on the soil profile and breaking through the dense layers.

Automatic disarming



It provides more agility and efficiency while operating. This system avoids the usage of safety pins that need frequent changing for shanks reassembling process.

FOX KS



Fox is equipped with the optional KS seed kit that features a seed hopper by gravity for winter crops, which is perfect for soil cover. Its seeds spreading system is activated through the levelling roller by chains.

Seed hopper

Polythene hopper with capacity from **315** to **680** litres.

Tandem assembly



Fox is designed to work with the tandem assembly*, which allows for operating with two cultivators at the same time, consequently increasing the daily income.

* Available for models with 9, 11, and 13 shanks.

Comparison between the root and water infiltration on the soil

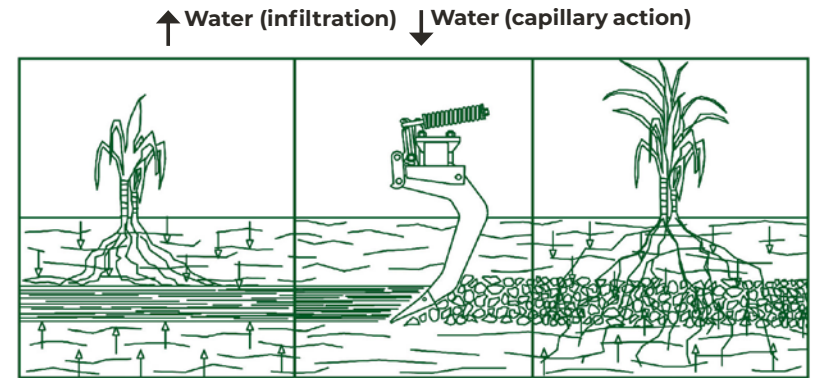


Figure 1: - Plant roots from compacted soil are less developed and do not reach proper depth. Soil compaction also prevents water infiltration on the soil. As a consequence, crops are subjected to water restrictions.

Figure 2: - Fox performs its soil decompaction by reaching a depth of 26cm. As a result, it provides better water infiltration and keeps the straw.

Figure 3: On soil decompaction, water reaches greater depth and plant roots have better development by absorbing soil nutrients and resisting water shortage.

Root comparison



Well developed root

Poor developed root

Fox breaks the dense layer of the soil, and together with cover crops and plants rooting, it provides more water infiltration. It allows for better plant roots development and reduces the erosion caused by rainwater runoff.

TECHNICAL SPECIFICATIONS

Models	Fox with 7 shanks	Fox with 9 shanks	Fox with 11 shanks	Fox with 13 shanks	Fox with 15 shanks
Total width					
2.51 m	2.92 m	3.66 m	4.12 m	5 m	
Total length					
5.59 m	5.59 m	5.59 m	5.59 m	5.59 m	
Total height					
1.34 m	1.34 m	1.34 m	1.34 m	1.34 m	
Work width					
2.1 m	2.7 m	3.30 m	3.9 m	4.5 m	
Cutting disks					
7 disks of 18"	9 disks of 18"	11 disks of 18"	13 disks of 18"	15 disks of 18"	
Levelling rollers					
1 x 2 m	2 x 1.4 m	2 x 1.4 m	2 x 2 m	2 x 1.4 + 1 x 1.8 m	
Weight					
2,100 kg	2,500 kg	2,950 kg	3,450 kg	3,850 kg	
Operation speed					
4 to 8 km/h	4 to 8 km/h	4 to 8 km/h	4 to 8 km/h	4 to 8 km/h	
*Required power					
10 to 15 cv	10 to 15 cv	10 to 15 cv	10 to 15 cv	10 to 15 cv	
Optional feature					
KS box kit	KS box kit	KS box kit	KS box kit	KS box kit	

*10 to 15 cv to each shank

LEARN MORE

Position your mobile phone on QR code to read it and check it out!

Video

See for yourself, Fox operation quality in the crop field.



Fox



Fox KS

Website

Access Fox homepage on Stara website for more information.



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