

ONE MACHINE FOR CROP REGENERATION AND MECHANICAL CULTIVATION

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LANIO tine harrows are a universal machine designed for grassland maintenance as well as field work. The main working elements are flexible tines arranged in six rows with a spacing of 25 mm. They effectively aerate the soil, break up soil crust and help retain moisture by interrupting capillary action. At the same time, they efficiently control weeds at an early growth stage. The machine can be fitted with 6, 7 or 8 mm diameter tines depending on the soil type and required working intensity. On meadows and pastures, LANIO effectively removes moss and promotes grass tillering. Thanks to the option of fitting a seeding unit, the machine can regenerate or fertilise the sward in a single pass. The machines are available in working widths from 2 to 12 metres.



TINE HARROWS LANIO

A universal machine for meadows,
pastures and fields

APPLICATIONS

- Removal of moss and dead grass from meadows and pastures
- Aeration of the grass sward
- Promotion of crop tillering
- Mechanical soil cultivation
- Breaking up soil crust
- Seed incorporation
- Overseeding of grass mixtures and cover crops
- Fertiliser application
- Levelling molehills and damaged areas
- Reduction of weed infestation
- Seedbed preparation
- Regeneration of grassland after winter



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LANIO

HIGH-PERFORMANCE TINE HARROWS FOR THE MODERN FARM



A universal machine for meadows and fields

LANIO is designed as a universal machine for use both on grassland and in fields. The harrow effectively regenerates meadows and pastures while also offering a wide range of applications in mechanical soil cultivation and seedbed preparation.



Six rows of working tines

The main working elements are 450 mm long spring tines arranged in six rows with a spacing of 25 mm. The operator can also mechanically adjust the aggressiveness of the tines. As a result, LANIO delivers high working intensity, effective combing of the sward and even surface treatment across the entire working width.



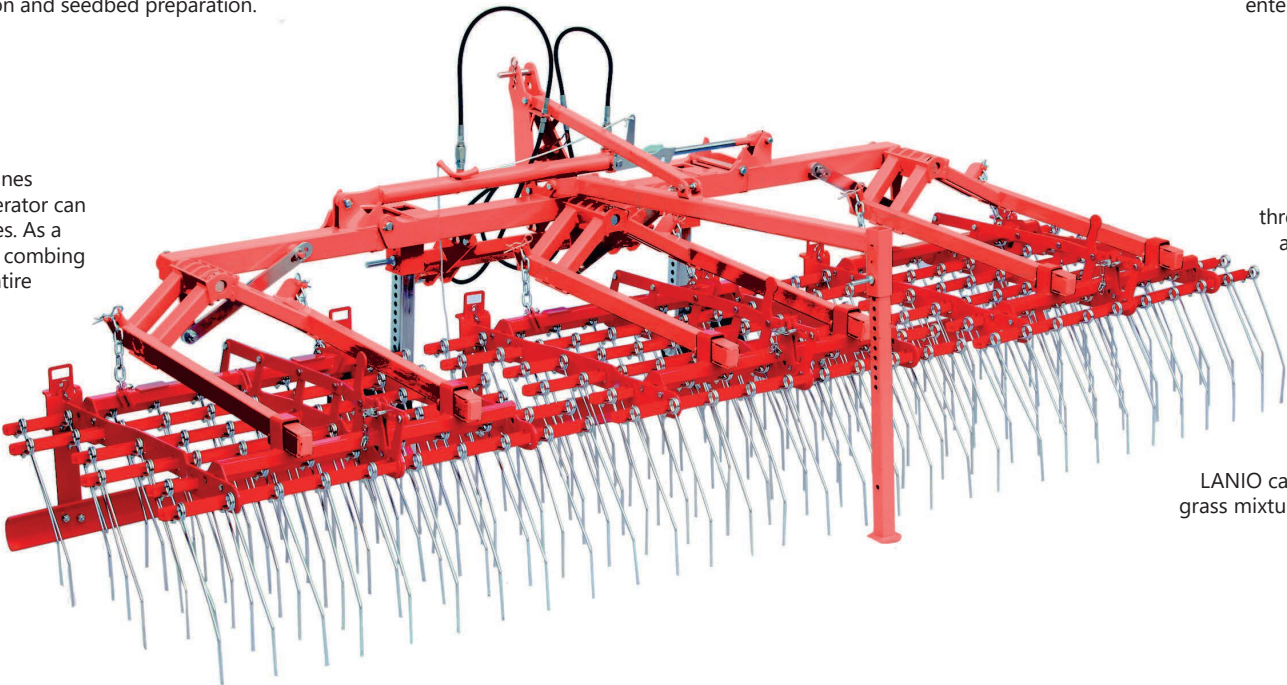
Different types of working tines

LANIO tine harrows can be fitted with 6, 7 or 8 mm diameter tines depending on the application. The lightest 6 mm tines are suitable for gentle applications and sensitive crops, 7 mm tines provide a universal solution for standard field work, while 8 mm tines are ideal for more aggressive use when regenerating meadows and pastures.



Perfect ground contour following

Perfect ground contour following in both the longitudinal and transverse directions is achieved by means of pivoting frames and support wheels. This ensures an even working effect even on uneven or sloping terrain.



Low weight and compatibility with smaller tractors

The machine's low weight allows it to be used with lower-horsepower tractors. LANIO is therefore suitable not only for large agricultural enterprises, but also for smaller farms and family farms.



Front and rear mounting

The machines are available for both rear and front three-point tractor linkage. Front-mounted models are available in working widths of up to 6 m and make it possible to create efficient working combinations, for example with seed drills or other machinery.



Seeding units

LANIO can be equipped with a seeding unit for overseeding grass mixtures, cover crops or applying fertiliser. Hoppers with capacities of 120, 200 and 300 litres are available.



Support wheels and levelling harrow

LANIO tine harrows are equipped with support wheels for precise setting and guidance of the working depth, contributing to an even working effect even on uneven terrain. The machine can also be equipped with a spring-loaded levelling harrow that effectively levels minor irregularities, spreads molehills and helps create a well-prepared surface on grassland or in the field.



TECHNICAL DATA

LANIO		300 F	600 F	200	300	450 H	600 H	900 H	1200 H
Type		•	• •	nesený		nesený/hydr. skládaný			
Number of frames	[ks]	1	3	1	2	3	3	6	8
Working width	[cm]	300	600	195	295	445	585	895	1195
Transport width	[cm]	300	220	200	300	240	220	300	300
Number of tines	[ks]	120	234	78	120	180	234	360	480
Number of support wheels	[ks]	2	2	2	2	2	2 (4)	4	4
Weight	[kg]	530	720	224	317	456	615	1250	1450
Weight with levelling harrow	[kg]	530	720	242	345	495	668	-	-
Min. power	[kW/HP]	22/30	45/60	15/20	22/30	29/40	45/60	50/70	59/80
Working speed	[km/h]	up to 15 km/h							
Hitch category		3-point linkage, Cat. 2							

• front-mounted • • front-mounted/hydraulically folding



Type
mounted/hydraulically
folding



Working width
2 – 12 m



Tine diameter
6, 7, 8 mm



Tine length
450 mm



Applications
meadows, pastures
and fields

ACCESSORIES



WORKING TINES

6 mm tines

- Gentle applications
- Lower working aggressiveness

7 mm tines

- Field applications
- Optimal balance between aggressiveness and gentle treatment

8 mm tines

- Meadows and pastures
- Aggressive sward regeneration with maximum working effect

Hydraulic tine adjustment

- For easy machine control from the comfort of the cab

LEVELLING SECTION



Levelling harrow

- Surface levelling
- Breaking up surface irregularities



Seeder

- Electric or hydraulic fan
- Different types of control modules
- Available hopper capacities: 120, 200 and 300 l