

SYSTEM TRACS **GIGANT**



Gigant 10 and Gigant 12 System Tracs





One carriage system for all

Both system tracs, Gigant 10 and Gigant 12, offer the unique possibility to use different LEMKEN implements with one single carriage in the field. Both system tracs have two hydraulic three-point linkages for mounting a compact disc harrow, cultivator or seedbed combinations, depending on the work to be done.

This multiple use saves double and triple investment costs for the carriage, brake system and hydraulic implement folding device. In addition, there is also the option of using individual working sections separately without the system trac when working with smaller tractors. The two three-point linkages and the individual working sections provide optimal ground adaptation, guaranteeing uniform working depth and lower fuel consumption.

Maximum Performance for Large-Scale Operations

The Gigant 10 system trac for large working widths

The Gigant 10 system trac from LEMKEN enables high outputs with various LEMKEN implements, making it an all-rounder for large-scale operations:

- Heliodor compact disc harrow from 8 to 12 metres working width
- Smaragd disc cultivator from 8 to 10 metres working width
- Kompaktor seedbed combination from 8 to 10 metres working width
- Rubin compact disc harrow with 8 metres working width

The Gigant 12 system trac for very large working widths

The larger Gigant 12 system trac allows even wider working widths, so that the following combinations are possible:

- Smaragd disc cultivator up to 12 metres working width
- Kompaktor seedbed combination up to 12 metres working width
- Rubin compact disc harrow from 10 to 12 metres working width





The „Little“ Gigant 10, Brilliantly Simple - and Easy to Combine



Gigant 10 - Unsurpassed Practicality

The smaller Gigant 10 system trac is based on an implement concept that is as simple as it is clear.

- Coupled to the drawbar, it provides large clearance when turning.
- The two hydraulic three-point linkages behind the carriage axle perfectly guide the working depth of every implement segment, and at the same time, enable easy changing of the working sections depending on the season.
- With the Gigant 10, the weight of the mounted Rubin compact disc harrow (image) allows working widths of up to 8 metres.



Easy Handling and Excellent Quality of Work

The overall combination of the Gigant 10 system trac and the mounted working sections only requires two double-acting control units.

- The sections are folded in with one control unit, and the second one is used to raise and lower the implement segments at the headlands.
- Because the wheels of the Gigant 10 system trac run in front of the working sections, the cultivated area remains free of wheel tracks.

- The clearance between the implements is also much larger with the Gigant 10 compared to conventional cultivators with a carriage within the cultivator frame. For this reason, especially when operating the Gigant 10 system trac with Smaragd working sections that are available with up to 10 metres working width, clogging is practically impossible.





Optimum Ground Adaptation

Rigid implement sections can also be used with the Gigant 10, the purchase costs for which are much lower than for folding implements. This is a lasting contribution from LEMKEN towards reducing investment costs for soil tillage.

- For all types of working sections, the Gigant 10 system trac from LEMKEN offers an unbeatable advantage: Every single working section has an additional pendulum compensation via sub-segments, guaranteeing precise maintenance of the working depth across the whole working width.

- This is particularly advantageous when seedbed production must be performed in the spring after a coarse winter furrow.
- The 1.5 or 2 metre-wide segments of the Kompaktor seedbed combination (image) follow practically every field contour.

More Soil Protection and Better Levelling

The 550/45 x 22.5 tyres of the Gigant 10, with their large diameter of 1,070 millimetres and the wide contact area of 550 millimetres, provide good handling performance and perfect soil conservation.

- The Gigant 10 can also be equipped with the Heliodor compact disc harrow for shallow stubble cultivation or seedbed production (image) without clogging.
- For all Gigant 10 Heliodor, LEMKEN offers hydraulically adjustable levelling tines for optimal levelling.



The Gigant 12 System Trac – the Benchmark in the Field



Gigantic - but Easy and Fast at the Headlands

No matter which working sections are used with the Gigant 12, they are always arranged in line and can be precisely used at the headlands.

- The arrangement of the implement segments behind the carriage axle creates both a large clearance for turning and easy access to uncouple working sections from the system trac.

- The hydraulic servo support wheel prevents all excessive unloading of the tractor rear axle during operation with raised working sections at the headlands.

Practical and Safe Implement Transport

The Gigant 12 is folded hydraulically. Despite its enormous working width, the transport length is still only 10.80 metres.

- As soon as the implement segments shift their centre of gravity over the large-tyred axle when unfolding, the servo support wheel is lowered and provides sufficient axle load on the tractor.
- If the implement is folded, the servo support wheel automatically returns to the transport position.





Rubin, Kompaktor and Smaragd for any Application

With the Gigant 12 system trac and the compatible LEMKEN implement, any type of work can be performed at any time of the year.

- The Kompaktor sections are used in the spring for seedbed production, the Rubin sections after the cereal harvest for shallow stubble cultivation, and later the Smaragd sections for deeper stubble cultivation. The 12-meter working width enables acreage performances of 12 to 18 hectares per hour.



The Universal Wheel for Road Transport

In several countries, the maximum permissible axle load is 10 tons for transport on public roads.

- LEMKEN has a simple and practical solution: the servo Uni wheel. It reduces not only the axle load for road transport, but also supports driving at the headlands.

- The wheel is automatically activated when folding in the implement. If, depending on the implement and roller selection, the axle load remains under 10 tons, the servo Uni wheel is not required



On the Road - Safety with Three Metres Transport Width



With the Gigant 10 system trac, driving from one field to another is easy and safe with three metres transport width for any implement combination. A choice of dual line air pressure brake system or a hydraulic braking system is available. Even at high transport speeds, they always guarantee sufficient deceleration. The lateral booms on the Gigant are automatically locked after folding in, so they are protected from unintentional operation. The entire LEMKEN system trac can be parked with the mounted working sections, compactly and securely.

Technical Data

Power requirement		Description	Roller	Weights of the working sections* (approx. kg)	Total weight* (approx. kg)	Dimensions and weights for transport						Standard tyres for the system trac Name/ø mm x width mm	
Minimum KW / HP	Maximum KW / HP					Transport position	Drawbar load (approx. kg)	Axle load (approx. kg)	Height (approx. cm)	Width ² (approx. cm)	Length ¹ (approx. cm)		
Giant 10/800 system trac, foldable													
158/215	232/315	Giant 10/800 Kompaktor	Crosskill roller	3,500	6,145	437	2,208			191	2,454		
148/200	262/360	Giant 10/800 Smaragd	Double roller	4,026	6,671	1,237	5,434	400	300	630	-1,308	7,453	500/50-17 / 940x500
206/280	294/400	Giant 10S/800 Rubin	Double roller	5,526	8,171	1,534	6,637	400	300	630	-1,616	8,287	500/50-17 / 940x500
148/200	236/320	Giant 10/800 Heliodor	Double roller	3,232	5,877	1,079	4,798	400	300	630	-1,193	7,070	500/50-17 / 940x500
Giant 10/1000 system trac, foldable													
202/257	279/380	Giant 10/1000 Kompaktor	Crosskill roller	5,000	7,845	1,927	5,918	400	300	660	-1,728	9,573	550/45x22,5 / 1,070x550
184/250	346/470	Giant 10/1000 Smaragd	Double roller	5,706	8,551	2,121	6,430	400	300	660	-2,109	10,660	550/45x22,5 / 1,070x550
184/250	294/400	Giant 10/1000 Heliodor	Double roller	3,750	6,595	1,585	5,010	400	300	660	-1,172	7,767	550/45x22,5 / 1,070x550
Giant 10/1200 system trac, foldable													
220/300	352/480	Giant 10/1200 Heliodor	Double roller	4,942	8,067	2,243	5,824	400	300	776	-1,574	9,641	550/45x22,5 / 1,070x550
Giant 12/1000 system trac, foldable without servo support wheel or servo Uni wheel													
220/300	331/450	Giant 12/1000 Rubin	Double roller	7,984	12,339	1,492	10,847	415	350**	870	-2,226	14,565	600/55-22,5 / 1,270x600
220/300	331/450	Giant 12/1000 Rubin	Rubber ring	8,660	13,015	1,583	11,432	415	350**	870	-2,559	15,574	600/55-22,5 / 1,270x600
Giant 12/1200 system trac, foldable without servo support wheel or servo Uni wheel													
246/335	404/550	Giant 12/1200 Kompaktor	Crosskill roller	6,000	10,755	1,729	9,026	415	350**	870	-1,612	12,367	600/55-22,5 / 1,270x600
220/300	398/540	Giant 12/1200 Smaragd	Double roller	6,847	11,602	1,905	9,697	415	350**	870	-1,912	13,573	600/55-22,5 / 1,270x600
258/350	368/500	Giant 12/1200 Rubin	Double roller	9,580	14,335	2,474	11,861	415	350**	870	-2,709	17,044	800/45-26,5 / 1,333x800
308/440	441/600	Giant 12/1200 Rubin	Rubber ring	10,392	15,147	2,642	12,505	415	350**	870	-3,108	18,255	800/45-26,5 / 1,333x800

* Weight with the indicated roller

** Exceeds the permitted transport width for traffic on public roads in several countries

¹ Transport length of the Gigant 12 with servo support wheel approx. 950 cm, with servo Uni wheel approx. 1,080 cm

² Transport width of the Gigant 12/1200 with 600/55-22,5 ca. 350 cm tyres

All information, measurements and weights are subject to continuing technical further development and therefore non-binding. Given weights are always based on the basic equipment. The right to change specifications is retained.



When you have bought a machine from LEMKEN, the well known, almost proverbial LEMKEN service starts. 18 customer-oriented factory branches and outdoor storage areas in Germany as well as our own sales companies and importers in more than 50 countries, and a strong dealer network, ensure that machines and spare parts are supplied quickly. If a part is not in stock, it

can be delivered to the customer within 24 hours via the LEMKEN logistics centre which is manned round-the-clock 365 days a year.

Knowledge from the LEMKEN specialist

Well trained customer service technicians are available to farmers, contrac-

tors and trade, who are using machinery for the first time, as well as for professional maintenance and repairs. Thanks to regular training courses, LEMKEN customer service is always up to date with the latest LEMKEN technology.

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LEMKEN wearing parts are designed for a maximum service life. High-quality materials, the latest production methods, and an intensive quality control ensure a long service life. Therefore, all original spare parts bear a unique identification with the registered LEMKEN trademark. Original spare parts can be ordered at any time online on the Internet via the LEMKEN information and ordering system.



LEMKEN GmbH & Co. KG
Weseler Straße 5
46519 Alpen
Tel. +49 2802 81-0
Fax +49 2802 81-220
lemken@lemken.com
www.lemken.com



Your LEMKEN dealer:

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