

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.

LEMKEN Gigant, Brilliantly Simple – and Easy to Combine



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.



Easy Handling and Excellent Quality of Work

The overall combination of the Gigant 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 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 system trac with Smaragd working sections that are available with up to 12 metres working width, clogging is practically impossible.





Optimum Ground Adaptation

Every single working section in the Gigant has an additional self-levelling system via sub-segments, guaranteeing precise maintenance of the working depth across the whole working width.

- This is particularly advantageous when seedbed preparation 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 any field contour.



Hydraulic depth adjustment

All Gigant Heliodor and Gigant Rubin models are optionally available with hydraulic working depth adjustment. Each roller segment is controlled individually to maintain optimum surface adaptation even with large working widths.

- A master-slave control ensures that cylinders are evenly adjusted.
- The working depth can therefore be adjusted to a wide range of working conditions easily, quickly and comfortably from the tractor seat.

The two top links can additionally be adjusted hydraulically to adapt the working section angle to the working depth.

- The ability to adjust the working angle quickly is particularly important for variable soil conditions to prevent any lateral pull in compact disc harrows.
- The transport height of the Gigant Rubin 9 with hydraulic depth adjustment is over 4 metres.



Maximum Performance for Large-Scale Operations



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 folding design with two three-point linkages maintains an even contact pressure of the rigid working sections across the full working width.
- The arrangement of the implement segments behind the carriage axle creates both a large clearance for turning and easy access for uncoupling working sections from the system carrier.



Flexibility under any working conditions

The combination of the Gigant system carrier and a matching LEMKEN implement allows a wide range of works to be performed at any time of the season.

- Kompaktor sections can be used for seedbed preparation in spring, Heliodor or Rubin sections for shallow stubble cultivation after cereal harvests, and Smaragd sections for deeper stubble cultivation later in the year.
- A working width of 16 metres delivers acreage performances of up to 25 hectares per hour.



Gigant 10 and Gigant 12 – new benchmarks in the field

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 500/50 x 17 or 620/40 x 22.5 tyres of the Gigant 10 have a large diameter and wide contact area for good handling performance and exceptional soil conservation.

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 12 metres working width
- Rubin compact disc harrow from 10 and 12 metres working width
- Heliodor compact disc harrow from 16 metres working width

The 580/65 x 22.5 or 800/40 x 26.5 tyres of the Gigant 12 are also generously dimensioned for good handling performance and exceptional soil conservation.





Gigantic on the field – narrow on the road



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. The Gigant 12 has a transport width of 3.5 or 4 metres, depending on the tyres fitted. 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 entire LEMKEN system trac can be parked with the mounted working sections, compactly and securely.

Technical Data

Description	Roller	Transport width (standard/optional tyres)	Transport height (mechanical/hydraulic depth adjustment)	Weights of the working sections*** (approx. kg)	Total weight*** (approx. kg)	Required tractor rear axle load (including ballast, if applicable) min. kg	Tractor Power	
							KW	HP
System trac Gigant 10/800, foldable								
Gigant 10/800 Kompaktor	Crosskill roller	3	4	3.500	6.150	5.000	158-232	215-315
Gigant 10/800 Smaragd	Double roller	3	4	4.050	6.675	5.000	147-265	200-360
Gigant 10S/800 Rubin	Double roller	3	4/4.3	5.550	8.175	6.000	206-294	280-400
Gigant 10/800 Heliodor	Double roller	3	4	3.250	5.875	5.000	174-235	200-320
System trac Gigant 10/1000, foldable								
Gigant 10/1000 Kompaktor	Crosskill roller	3	4	5.000	7.850	5.500	202-346	275-470
Gigant 10/1000 Smaragd	Double roller	3	4	5.700	8.550	5.500	184-331	250-450
Gigant 10/1000 Heliodor	Double roller	3	4	3.750	6.600	5.500	184-294	250-400
System trac Gigant 10/1200, foldable								
Gigant 10/1200 Heliodor	Double roller	3	4	4.950	8.075	5.500	221-353	300-480
Gigant 10/1200 Kompaktor	Crosskill roller	3	4	6.000	10.000	5.500	246-404	335-550
System trac Gigant 12/1000, foldable **								
Gigant 12S/1000 Rubin	Double roller	3,5	4.15/4.4	8.000	12.350	6.500	220-331	300-450
System trac Gigant 12/1200, foldable **								
Gigant 12/1200 Smaragd	Double roller	3,5	4,15	6.850	11.600	6.000	221-397	300-540
Gigant 12S/1200 Rubin	Double roller	4/3.5	4/4.4	9.580	14.325	7.000	309-441	420-600
System trac Gigant 12/1600, foldable **								
Gigant 12S/1600 Heliodor	Double roller	4/3.5	4	7.400	13.675	5.000	294-471	400-640

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

** Transport height with specified roller, exceeds the permitted transport height for public roads in some countries

*** Weight with the indicated roller

Service decides



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 40 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, contractors 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.

Original spare parts from LEMKEN

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.



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