



# LEMKEN

## Quarz Compact combination



# The right Quarz for every job

## The concept



With the Quarz short combination for light to medium working conditions LEMKEN offers a welcome alternative to power harrow or seedbed combination. In its rigid version with working widths from 3 and 4 meters the Quarz represents the cost-efficient and economical implement when compared to powered seedbed preparation. The mounted Quartz is suitable for combining with all LEMKEN drills as well as those from other manufacturers. The short design and combination variants mean the Quarz offers multiple application possibilities as front or rear attachment implement.

## The robust three-point headstock



The strong three-point headstock features extreme robustness and is very easy to service. The toolboxes offer plenty of room for tools, spare shear bolts, etc. The multiple adjustment possibilities make rapid fitting to different tractors much easier. The lower links slip onto a continuous shock-absorbent drawbar. This drawbar can absorb implement shocks or surges and prevent these being transferred onto the tractor. The integrated attachment points allow the easy fitting of mechanical or pneumatic mounted drills.

## Front mounted version Quarz F



The compact combination Quarz F is an interesting alternative to a front furrow press in combined use. This dedicated front mounted cultivator levels, crumbles and reconsolidates in front of the tractor, for the following seedbed preparation and seeding by a power harrow/cultivator – seed drill combination. In many cases time and money can be saved as this front mounted option reduces the number of operations and protects the soil. The Quarz 7 conventional cultivator can be adapted for front mounting work by the addition of a push linkage and double acting three point linkage.



# The versatile equipment

## The flexible track looseners



The track looseners can be fitted with either wing or narrow shares and can be easily adjusted in fine graduations to desired working depth. The standard-equipment automatic overload protection is an effective way of avoiding damage. Simply moving them along the square profile frame slides the track looseners into the right positions for any track or tyre width.

## The variable levelling bar



The shock-absorbent and overload-protected levelling blade offers optimum surface levelling just before the tines. The blade can set for „aggressive“ action where soil is heavier, or in dragging mode to handle lighter soils. The ground is well-levelled even with rough ploughed surfaces or deep wheelings and this lets the tines work at a shallower setting with associated sustainable reduction in draught requirement. The positions of the levelling bar are fixed simply with pins with no tools required.

## The adaptable tine sections



The large number of tine frames available offers the right tools to tackle differing soil and operational conditions. All the tine frames can be rapidly adjusted for depth in fine graduations and without tools. The choice includes harrow frames with marathon tines in two rows or a three-row pattern of gamma spring tines with shares. Frames with duck-foot shares can be ordered in two-row frames.



## The excellent depth control



Tine penetration to working depth is controlled by the following rollers. Adjustment of working depth is carried out in fine graduations via hole bar and pin. And always available is the correct type of following implement according to soil type and working conditions. As well as the standard 540 mm diameter tube bar rollers, toothed packer rollers and a range of trapeze rollers are also available.

## The trapeze rollers



The optimum preparation for sowing is offered by trapeze rollers when used in combination with the drill. These rollers are on offer as various versions and they all help create the very best conditions for good emergence. For intensive crumbling effect and precise strips of reconsolidation before the drill coulters, a choice of 500 mm diameter trapeze ring, packer or disc rollers is available.

## Technical data

### Quarz compact combination

up to kW (hp)	Description	Working width approx. cm	Weight approx. kg	Transport width approx. m
96 (130)	Quarz 7/300 with marathon tines (duckfoot shares), 2-rows	300	648 (612)	3,0
96 (130)	Quarz 7/300 with gamma tines with point, 3-rows	300	631	3,0
96 (130)	Quarz 7/300 with drag tines, 2-rows	300	822	3,0
103 (140)	Quarz 7/400 with marathon tines (duckfoot shares), 2-rows	400	888 (834)	4,0*
103 (140)	Quarz 7/400 with gamma tines with point, 3-rows	400	865	4,0*
103 (140)	Quarz 7/400 with drag tines, 2-rows	400	1.056	4,0*

\* exceeds the allowed transport width in some countries

### Quarz front compact combination

up to kW (hp)	Description	Working width approx. cm	Weight approx. kg	Transport width approx. m
96 (130)	Quarz 7/300 F with marathon tines (duckfoot shares), 2-rows	300	698 (662)	3,0
96 (130)	Quarz 7/300 F with gamma tines with point, 3-rows	300	681	3,0
96 (130)	Quarz 7/300 F with drag tines, 2-rows with hydr. angle adjustment	300	872	3,0
103 (140)	Quarz 7/400 F with marathon tines (duckfoot shares), 2-rows	400	938 (884)	4,0*
103 (140)	Quarz 7/400 F with gamma tines with point, 3-rows	400	915	4,0*
103 (140)	Quarz 7/400 F with drag tines, 2-rows with hydr. angle adjustment	400	1.106	4,0*

\* exceeds the allowed transport width in some countries

All information, measurements and weights are subject to continuous technical further development and are therefore non obligatory. Information regarding weights always refers to the basic model. The right is reserved to make alterations.



LEMKEN GmbH & Co. KG  
Weseler Str. 5, D-46519 Alpen  
Telefon +49 2802 81-0 · Fax +49 2802 81-220  
E-Mail: lemken@lemken.com · Internet: www.lemken.com

Your LEMKEN dealer: