



L 411 - L 1551

Three-point self-loading spreader



kugelmann*



* **QUALITY
MADE IN GERMANY**

The high-quality products of kugelmann are manufactured in Rettenbach am Auerberg, a village embedded into the foothills of the Alps, not far from famous Neuschwanstein Castle.

We are constantly looking for the best. We are firmly focused on the future. And we promise to passionately use our know-how in innovative engineering and our demand for perfect workmanship. Until the last detail is perfect. Until the finishing touch makes a machine a unique one: a kugelmann machine.

Sepp Kugelmann



SELF-LOADING SPREADER

L 411 – L 1551 is the brand new three-point spreader series with self-loading function made by kugelmann. The hopper can be pivoted to the ground and thus collect the spreading material like a wheel loader bucket. Eight different sizes from 410 l to 1550 l are available. The width varies from 120 to 210 cm. As usual at kugelmann, the hopper and distributor are completely made of high-quality stainless steel.

Since 1977, kugelmann has been building spreaders with highest quality requirements. By using stainless steel, the Allgäu-based family business has made its mark in municipal technology and has set completely new standards what concerns durability.



L 411 – L 1551

The brand new three-point spreader series made by kugelmann



MODULAR SYSTEM

Our spreaders perfectly adjust to your carrier vehicle. In the L series, eight different sizes from 410 l to 1550 l are available. The width varies from 120 to 210 cm.

MAXIMUM PAYLOAD

Centre of gravity close to vehicle
low net weight

SCREW CONVEYOR

Exact dosing accuracy proven
design, durable construction
maximum spreading capacity

INTEGRATED STAND LEGS

Easily collapsible, safe and
upright position

INNOVATION THAT MATTERS

- kugelmann spreading disc:
- patented and proven
 - homogeneous spreading pattern
 - exact lateral distribution of spreading material
 - maximum spreading capacity
 - maximum road safety

MANY EQUIPMENT OPTIONS

- (optional)
- Working headlight
 - Tarpaulin cover
 - Rear apron
 - Electrical adjustment of spread pattern
 - Electrical monitoring of spreading process
 - Flash lamps
 - PTO hydraulic pump

COST-EFFECTIVENESS

- Exact dosing accuracy and thus environmentally conscious handling of spreading material
- Low oil consumption and low pressure and power requirement through highly efficient hydraulic block

UNBEATABLE DURABILITY

According to kugelmann standard, the one-chamber self-loading hopper as well as the distributor are made of stainless steel. The VA steel is absolutely alkali-resistant. The spreader is finished with a high-grade coating offering maximum corrosion protection.

TARPAULIN COVER

Simple and reliable handling

REPLACEABLE SCRAPER BLADES

The stainless steel scraper blades are screwed together and can easily be renewed after many years of intensive use.

SIMPLICITY

Manual operation also without control system, intuitive handling or with the reliable control systems K-BASIC 2 or K-TRONIC 2



STAINLESS STEEL

Hopper and distributor are completely made of high-quality stainless steel.

UNIQUE SPREADING DISC CONNECTION

Spreading disc remains in set spreading position during loading





„L“ for self-loading spreader

L 1001

1000 litres

One-chamber spreader



L 1551

1550 litres filling capacity
Width: 210 cm



L 411

410 litres filling capacity
Width: 120 cm

„The L series, by far the best self-loading spreader on the market.“

kugelmann is exceptionally strong on the three-point spreader market – a market which is very important to us. With the L series, we expand our position and supplement our range with spreaders which can easily be filled without needing loading silos. The development began two years ago. Up to this point, kugelmann did not manufacture self-loading spreaders because models of this construction type always implicate substantial compromises as regards dosing accuracy and spreading reliability. We asked ourselves: “Wouldn’t it be possible to connect the spreading disc fixed with the mounting frame and design the hopper in a way that it can pivot to the ground?”

An idea as simple as it was ingenious. With this construction principle, it is possible to manufacture a self-loading spreader that is in no way inferior to normal three-point spreaders as regards spreading technology. We could make use of the proven kugelmann spreading technology which has been continuously improved and perfected over the past decades. “The result is the kugelmann L series, by far the best self-loading spreader on the market.”

Andreas Karl



WINTERDIENST

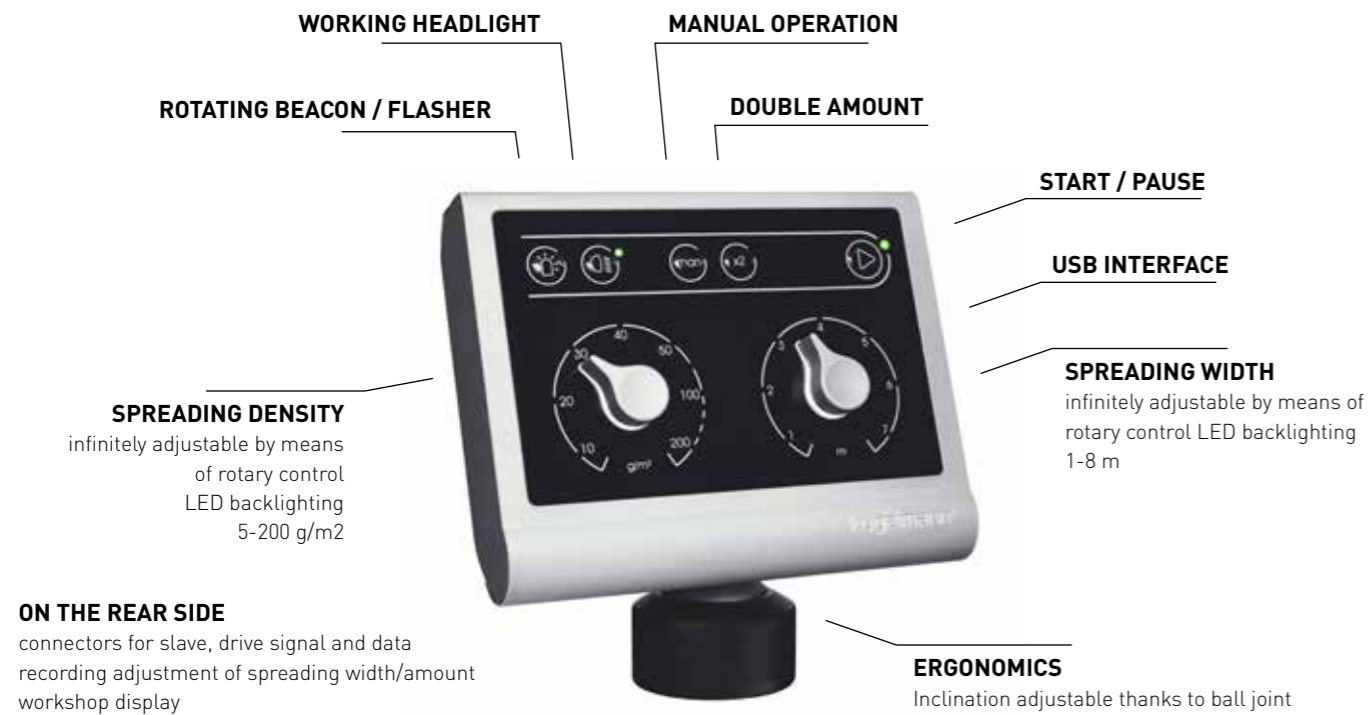


INNOVATION THAT MATTERS

We have been building spreaders since 1977 – with the highest quality requirements from the beginning. Over the past decades, the kugelmann spreading technology has been continuously improved and perfected.

Through the exact and consistent lateral distribution of spreading material, we reach a homogeneous spreading pattern. This means reliable spreading and thus road safety.

K-BASIC 2



SPREADING DENSITY
infinitely adjustable by means of rotary control LED backlighting 5-200 g/m²

ON THE REAR SIDE
connectors for slave, drive signal and data recording adjustment of spreading width/amount workshop display

SPREADING WIDTH
infinitely adjustable by means of rotary control LED backlighting 1-8 m

ERGONOMICS
Inclination adjustable thanks to ball joint

With the K-BASIC 2, kugelmann has managed to launch a control system reduced to the most essential. As an interface between operator and machine, the control system combines intuitive operation and precise spreading technology. Despite the high tech solution with intelligent feedback and control function, the K BASIC 2 is easily understandable and its use quickly becomes routine. You have everything under control without compromising on your

work. The control unit operates entirely path-dependent. This means an economical and efficient use of spreading material

A unique feature of our spreaders is the infinitely adjustable spreading pattern. Even more convenient by means of electronic adjustment or even through dynamic stabilisation of the spreading pattern.



Steuerung K-Basic2

K-TRONIC 2

The control system K-TRONIC 2 leaves nothing to be desired. Based on the K-BASIC 2, the K-TRONIC 2 offers several special functions as for example a data recording feature for archiving of spreading data or GPS data. These data can be imported into software systems of different manufacturers or may be processed in the kugelmann software solution K-CENTER (included in delivery scope).

This is not all, however: Choose your infinitely variable spreading width or adjust the spreading pattern in an asymmetric way, e.g. for spreading along the kerbside, and mix your spreading material in any proportion.



EVERYTHING IS POSSIBLE

The basic version of the spreader also works without control system. Accordingly, the entry price is fairly low.

Optionally, the K-BASIC 2 or the K-TRONIC 2 may be ordered or refitted as „remote control unit“.

Additionally, it is possible to retrofit the START/STOP function or even the path-dependence by attaching an optional control electronics.



MACHINES THAT IMPRESS

With passion, we manufacture reliable and pioneering machines – we love what we do.



D 301 | D 601

The new generation of one-chamber three-point spreaders by kugelmann: A real milestone.



L 411 - L 1551

Three-point spreader series with self-loading function: revolutionary thanks to the pivoting hopper



D DUPLEX

Two-chamber three-point spreader: the absolute multi-talent



A 201 - A 1501

The new one-chamber truck-mounted spreader by kugelmann: revolutionary and trend-setting – a real innovation on the market.



A DUPLEX

kugelmann two-chamber truck-mounted spreaders: established and proven reliable for decades.



SNOW PLOUGHS

Smooth snow clearing: kugelmann snow ploughs stand for clean snow removal without damaging roads and tracks.



KS 1200 | KS 1600

The kugelmann sweeping suction combination: reliable, simple and extremely effective.



WE LOVE
SNOW
BUT NOT ON THE
STREET

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kugelmann Maschinenbau is a family-run Allgäu business with its main emphasis and tradition in municipal technology. With passion, we manufacture reliable and pioneering machines – we love what we do.