

kugelmann\*



**D 301 | D 601**

One-chamber three-point spreader



reddot design award  
winner 2016



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*



## THREE-POINT REVOLUTION

There has never been anything like this before. Our new three-point spreaders D301 and D601 are a true innovation.

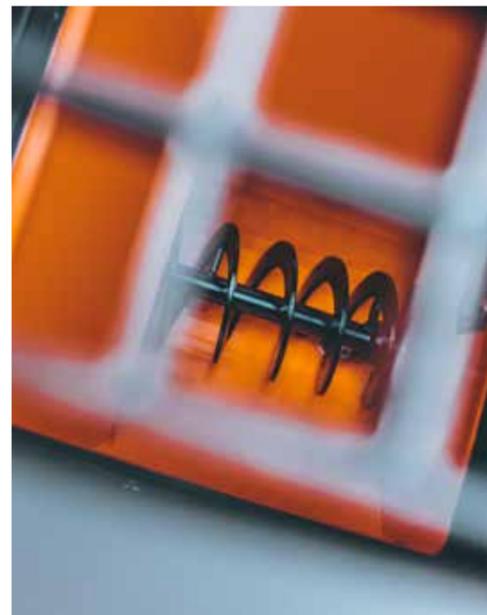
The innovative material combination of stainless steel and high-quality plastic is unbeatable what concerns durability and reliability. In the past decades, kugelmann has continuously developed the spreading technology for winter maintenance, always with great attention to detail and keen on offering the best quality. The combination of high-quality materials and established and proven technology has led to a new era of one-chamber three-point spreaders - launched by kugelmann.

See for yourself. The following pages provide more details on the three-point spreaders D301 and D601.



# D 301 | D 601

The new generation of one-chamber three-point spreaders by kugelmann



bottom left: kugelmann screw conveyor  
bottom right: manual adjustment of spread width/density

**MAXIMUM PAYLOAD**  
center of gravity close to vehicle  
low net weight

**DIVERSE SPREADING MATERIALS**  
optional agitator shaft, does not require an additional hydraulic unit

**INNOVATION THAT MATTERS**  
kugelmann spreading disc: patented and proven  
homogeneous spread pattern  
exact lateral distribution of spreading material  
maximum spreading capacity  
maximum road safety

**MANY EQUIPMENT OPTIONS**  
intelligent and user-friendly control unit  
splash guard  
reversal of screw movement  
flasher and rotating beacon  
power take-off pump  
agitator shaft  
warning sign  
camera set

**COST-EFFECTIVENESS**  
exact dosing accuracy, thus environmentally conscious handling of spreading material  
low oil consumption and low pressure and power requirement through highly efficient hydraulic block

**UNBEATABLE DURABILITY**  
innovative material combination  
stainless steel + plastic  
maximum corrosion protection

**TARPAULIN COVER**  
simple and reliable handling

**DRIVING SAFETY**  
compact attachment to carrier vehicle

**SIMPLICITY**  
manual operation also without control unit intuitive handling

**SCREW CONVEYOR**  
exact dosing accuracy  
proven design, durable construction  
maximum spreading capacity

**PARKING STAND**  
easily collapsible  
safe position





„D“ means three-point spreader

# D 601

600 l

One-chamber spreader



## D 301

300 l filling capacity  
depth 82 cm, width 108 cm, height 120 cm  
178 kg net weight



## D 601

600 l filling capacity  
depth 82 cm, width 135 cm, height 130 cm  
223 kg net weight

### „A real milestone in the three-point spreader segment“

The innovative material combination of stainless steel and plastic combined with proven kugelmann technology and ingenious details are the basis for our new three-point spreader generation.

Once more, we have turned everything upside down, questioned every stage of development and have gone our own way.

The basis, i.e. the complete base including the technical inner workings is produced of stainless steel. The high-quality plastic tank is made by rotational moulding. Thus, we manage to produce a highly economic spreader with a very long service life.

The low net weight means low fuel consumption and the possibility of maximum load.

The configuration of a simple basis machine up to a spreader fully equipped according to your requirements and needs - everything is possible thanks to the thought-out modular design.

Detail solutions such as the specifically developed highly efficient hydraulic block complete the machine and make it a real milestone.



Sebastian Kugelmann



## INNOVATION THAT MATTERS

We have been building spreading machines since 1980 - 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



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 BASIC2 is easily understandable and its use quickly becomes routine. You have everything under control without compromising on your work.

The control system works entirely path-dependent. This means an economical and efficient use of spreading material.

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



Control system K-BASIC 2

# 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 spread width or adjust the spread 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 as „remote control unit“ or may be refitted.



Side cover D601

# 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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kugelman 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.