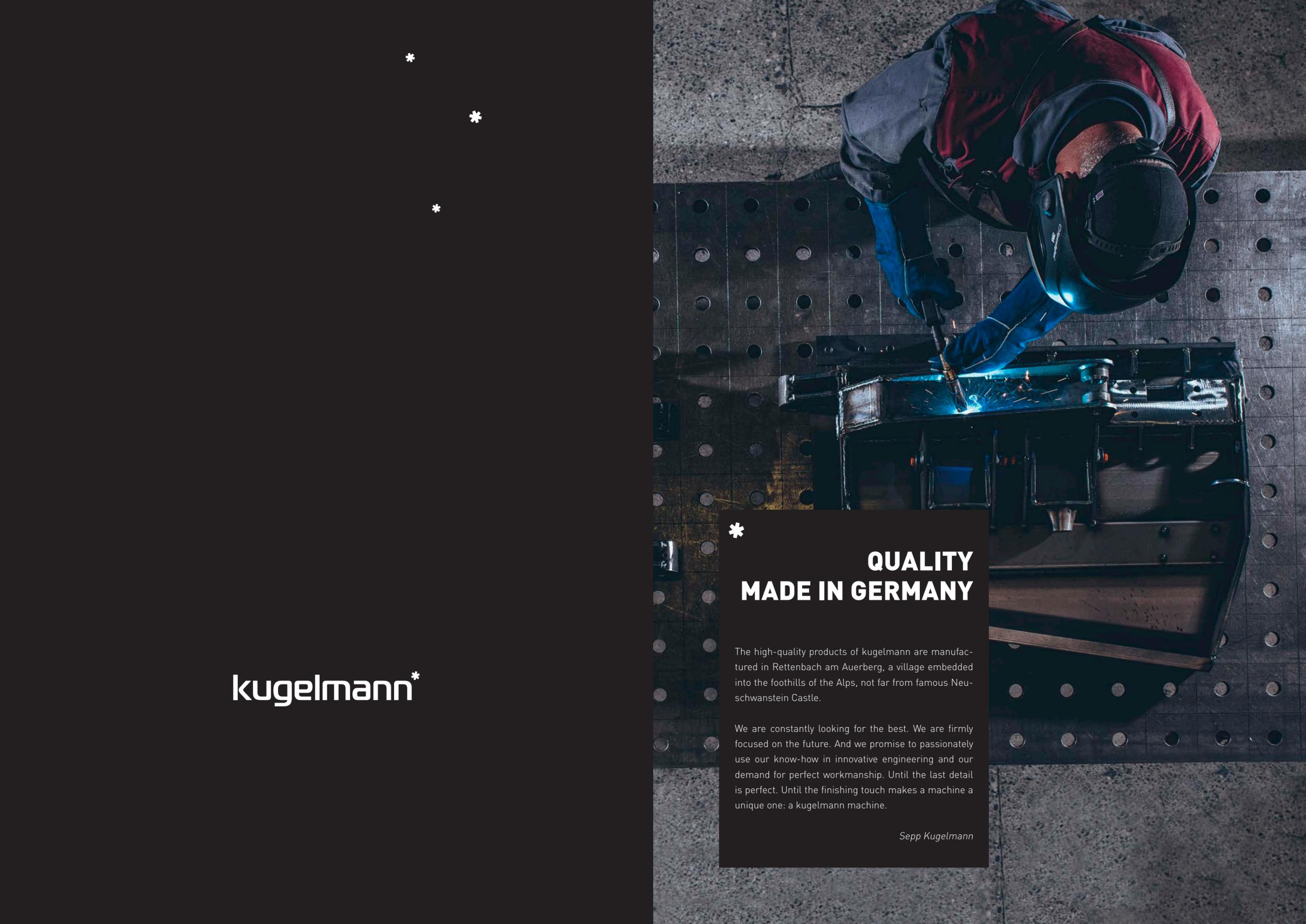


kugelmann\*



**VARIO**

Snow plough



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*



## GENTLE SNOW CLEARING

kugelmann snow ploughs stand for clean snow removal without damaging roads and sidewalks.

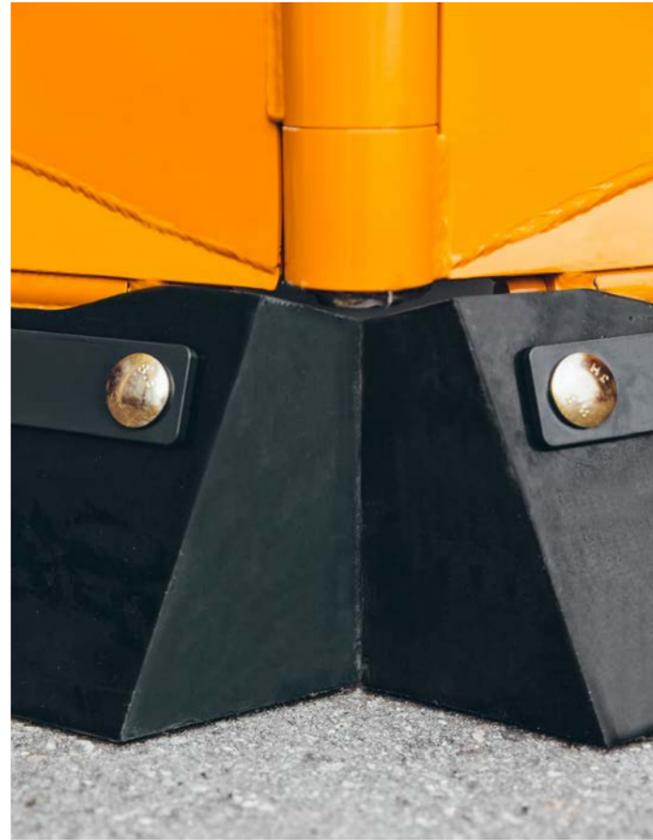
A unique feature is the precise guiding by means of the slide pad placed close to the scraper blade. The slide pad supports gentle snow clearing and prevents the blade from bouncing on uneven surfaces. If the scraper blade folds backward due to any obstacles, also the slide pad draws back to prevent possible damage. A spindle ensures precise height adjustment. The Cellasto shock absorber protects the entire frame and the hydraulic system of the tractor. At the same time, it offers the optimum pressure during snow clearing and brings the scraper blade back to its working position immediately after it folded back.

See for yourself. The following pages provide more details on kugelmann snow ploughs.



# VARIO

kugelmann snow ploughs



top left: blade folding back in case of road obstacles  
 top right: kugelmann scraper blade  
 bottom left: Cellasto shock absorber  
 bottom center: hydraulic control block  
 bottom right: vertically adjustable slide pad

### STEPLESS CONFIGURATION

The modular system with finely differentiated section widths and heights allows you to configure the ideal snow clearing width for your vehicle.

### ADJUSTABLE BLADES

The blades can be adjusted individually. All settings can conveniently be controlled hydraulically from the tractor. The adjustment range of the blades is up to 30° forward and up to 30° backward..

### FITTING VARIANTS

easy and reliable handling appropriate for all standards: mounting plate, A-frame coupling or three-point attachment

### PRACTICAL ACCESSORIES

blade elevation, flags, lighting, contact wheels, different fitting variants

### CELLASTO SHOCK ABSORBER

The CELLASTO shock absorber protects the entire frame and the hydraulic system of the tractor. At the same time, it offers the optimum pressure during snow clearing and brings the scraper blade back to its working position immediately after it folded back.

### GENTLE SNOW CLEARING

kugelmann snow ploughs stand for clean snow removal without damaging roads and sidewalks. The scraper blades made of Vulkollan, steel or a combination of both are subject to low wear and tear.

### CLOSED SNOW CLEARING EDGE

No snow is left in the center even with a V-shaped blade

### SLIDE PAD

A unique feature is the precise guiding by means of the slide pad placed close to the scraper blade. The slide pad supports gentle snow clearing and prevents the blade from bouncing on uneven surfaces. If the scraper blade folds backward due to any obstacles, also the slide pad draws back to prevent possible damage. For a snow plough width bigger than 1,6 m, the slide pads can be replaced by contact wheels.





„S“ for heavy duty use  
**VARIO VS 220/74**  
 „V“ for VARIO  
 height 74 cm  
 width 220 cm



## VARIO

The Vario blades can be swiveled to form a V-shaped, wedge-shaped or straight blade by means of two hydraulic cylinders. The two pivoted flaps are controlled by Cellasto shock absorbers. When hitting an obstacle, these absorbers make the flaps fold up and gently move them back into working position. Scraper blades are available in steel, Vulkollan or a combination of both. The scraper blades are inclined to the road surface by 20° for a high snow clearing capacity. The patented center block ensures streak-free snow clearing in any position.

- VARIO VLxx/65:**
  - light and compact design
  - width from 140 cm to 170 cm
  - height 65 cm
  - for vehicles up to 25 hp / 18 kW
- VARIO VSxx/74:**
  - very compact and rugged design
  - width 140 cm to 240 cm
  - height 74 cm
  - appropriate for heavy duty use



## PIVOT-FLAP SNOW PLOUGHS

By means of two hydraulic cylinders, the blades can be swiveled to the right and to the left. The two pivoted flaps are controlled by gas-filled shock absorbers. When hitting an obstacle, these absorbers make the flaps fold up and gently move them back into working position. Scraper blades are available in steel or Vulkollan.

- PIVOT-FLAP SNOW PLOUGH Bxx/67:**
  - compact and very rugged design
  - width 140 cm to 200 cm
  - height 67 cm
  - appropriate for heavy duty use
- PIVOT-FLAP SNOW PLOUGH Axx/84:**
  - compact and very rugged design
  - width 140 cm to 240 cm
  - height 84 cm
  - appropriate for heavy duty use



# MACHINES THAT IMPRESS

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



## SNOW PLOUGHS

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



reddot design award  
winner 2016



## D 301 | D 601

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



iF  
DESIGN AWARD  
2016



## D DUPLEX

Two-chamber three-point spreader: the absolute all-rounder



## A 201 - A 1501

The new one-chamber truck-mounted spreader by kugelmann: revolutionary and trend-setting - a true innovation.



## A DUPLEX

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



## EASY CLEAN

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



WE LOVE  
**SNOW**  
BUT NOT ON THE  
**STREET**

kugelmann\*

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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.