



N 14



K 20



N 18



K 3 H



NAS



K 3 K



T 20



T 25



„Made in Germany“ is the obligation for the production of our knife grinder machines. By a constant feedback from users of our machines we gain information that we use to enhance our products constantly. This mutual relationship gives our customers the security to get the best knife grinder systems from us.

### Advantages:

- Easy handling
- High grade steel housing
- Water drain plugs
- Low maintenance
- CE
- grinding angle guide

<b>Model</b>	<b>N 14</b>	<b>N 18</b>	<b>K 20</b>	<b>NAS</b>
Power Watt	200	280	400	420
Power Supply Volt	230	230	230 / 400	230
Power Type	1 ~ 50 Hz	1 ~ 50 Hz	1 ~ 50 Hz	1 ~ 50 Hz
Grinding Wheel Ø in mm	140	175	225	
Honing Wheel Ø in mm	140	175		
Polishing Wheel Ø in mm			250	200
Wet band length in mm				850
Size in mm (B x H x T)	400x190x280	430x200x300	580x300x410	545x355x390
Weight in kgs	9	10,5	25	21
<b>Modell</b>	<b>K 3 H</b>	<b>K 3 K</b>	<b>T 20</b>	<b>T 25</b>
Power Watt	0,4/2,2	0,4/2,2	550	2200
Power Supply Volt	400	400	230	400
Power Type	3 ~ 50 Hz	3 ~ 50 Hz	1 ~ 50 Hz	3 ~ 50 Hz
Grindingstone Ø in mm	225	225		
Honing Wheel Ø in mm				
Polishing Wheel Ø at mm	250	250	200	250
Lamellate grinding wheel Ø in mm	250	250	200	250
Size in mm (B x H x T)	650x550x480	650x550x480	340x360x240	420x320x320
Weight in kgs	52	52	16	31

All statements without guarantee

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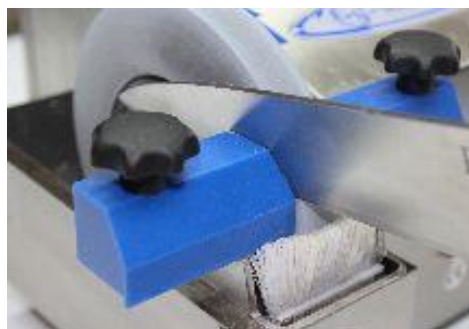
Internet : www.gs-de.eu

## Knife Grinding Machines for small business

### Model N14



**Blunt knife**  
Tomato is squeezed



Knife grinding with angle guide  
Easy Handling



**sharp Messer**  
Tomato clean cut

**GS-Schleiftechnik – The Perfection!**



The wet grinding machines for the Expert and Layman!

With GS grinding machines, every woman and every man can grind a blunt knife in seconds. Always ready for use, our machines guarantee hygienic, clean and safe work directly at the workplace. Through the water bath, the sanding dust is bound in the water, resulting in no fine dust as the dry sanding machines would be hazardous to health. Overheating the cutting edge through the water bath is impossible.

The wet grinding and the uniform knife guide bring you the advantages of a super sharp blade and a very long tool life of the knife edge. A minimal wear of the cutting edge, while grinding is ensured by the angle guide and the water bath. The angle guide with magnets can be readjusted if necessary, according to the wear of the grinding wheels. The setting of the grinding angle Standard 14 ° is not changed. For other applications there are other angles as accessories. Stainless steel housing and a water drain guarantee easy cleaning of the machine.

an average grinding power of the grinding wheels of approx.  
10,000 grinding operations cost a knife grinding process about 12 cents per knife.

### Advantages

- simple handling
- accident security
- wet grinding system
- water drain plug
- maintenance free

### Technical Informations:

Model	N14
Power W	120
Power Supply V	230
Power Type	1 ~ 50 Hz
Grinding Wheel Ø In mm	140
Honing Wheel Ø in mm	140
Size in mm (L x B x H)	300 x 380 x 200
Weight in kg	10
Technical changes possible without any notice.	

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## The Knife Grinding Machines Model N18



**Blunt knife**

Tomato is squeezed



Knife grinding with angle guide

Easy Handling



**sharp Messer**

Tomato clean cut

**GS-Schleiftechnik - The Perfection!!!**



Developed for slaughter houses, the meat and vegetable industry, fish factories and butcheries. Our wet grinding machine saves your time and money!

The wet grinding machines for the Expert and Layman!

With GS grinding machines, every woman and every man can grind a blunt knife in seconds. Always ready for use, our machines guarantee hygienic, clean and safe work directly at the workplace. Through the water bath, the sanding dust is bound in the water, resulting in no fine dust as the dry sanding machines would be hazardous to health. Overheating the cutting edge through the water bath is impossible.

The wet grinding and the uniform knife guide bring you the advantages of a super sharp blade and a very long tool life of the knife edge. A minimal wear of the cutting edge, while grinding is ensured by the angle guide and the water bath. The angle guide with magnets can be readjusted if necessary, according to the wear of the grinding wheels. The setting of the grinding angle Standard 14 ° is not changed. For other applications there are other angles as accessories. Stainless steel housing and a water drain guarantee easy cleaning of the machine.

an average grinding power of the grinding wheels of approx.  
20,000 grinding operations cost a knife grinding process about 7 cents per knife.

### The Advantages at one look

- Wet grinding system machine
- Grinding angle guide
- High-grade steel case (INOX)
- Maintenance free
- Accident safety
- Water drain plug
- CE

### Technical Information:

Model	N18
Power W	150
Power Supply V	230
Power Type	1 ~ 50 Hz
Grinding Wheel Ø in mm	180
Honing Wheel Ø in mm	180
Size in mm (L x B x H)	300 x 380 x 200
Weight in kg	11
Technical Changes possible.	

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## Compact Grinding Machine for Hand knives

**K 20**



**Perfectness in sharpening hand held knives saves  
knives and work time!**

**GS-Schleiftechnik – The Perfection!**



**Tests proved that we have the best and fastest product on the market.**

**The technology:**

Wet grinding and stripping in one device is unbeatable.

Annealing of the knife-edge is impossible due to the wet grinding system. An enhanced durability of knives and very little wear - compared to dry grinding - is understood. For polishing we exclusively use polishing discs made of cotton which have a special folding, that offers smallest wear compared to conventional felt disk.

Over the years we have consistently improved our wet grinding technology.

**Advantages at a glance:**

- Wet grinding
- Grinding angle guide
- Maintenance free drive
- Long product life of hand held knives and smallest wear
- High-grade steel product
- Most simple handling
- Long durability of the abrasive media.

**Technical Informations:**

<b>Model</b>	<b>K 20</b>
Power kW	0,55 kW
Power Supply V	230
Power Type	1 ~ 50 Hz
Grinding Wheel Ø in mm	225 (grain 240)
Polishing Wheel Ø in mm	250
Size in mm (L x B x H)	410 x 600 x 320
Weight in kg	28
Technical changes possible without notice.	

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## Compact Grinding Machine

### Model K3-H



**With the Grinding and Polishingmachine of Type K3 H  
you can grind and polish hand held knives efficiently,  
quickly and without problems.**

**GS-Schleiftechnik - The Perfection!**



**Tests proved that we have the best and fastest product on the market.**

**The technology:**

Wet grinding and stripping in one device is unbeatable.

Annealing of the knife-edge is impossible due to the wet grinding system. An enhanced durability of knives and very little wear - compared to dry grinding - is understood. For polishing we exclusively use polishing discs made of cotton which have a special folding, that offers smallest wear compared to conventional felt disk.

Over the years we have consistently improved our wet grinding technology.

**The advantages at one look:**

- Wet Grinding
- Grinding angle guide
- Hight grade steel case
- Maintenance free
- For handheld- and cutter knives
- simply using

**Technical Informations:**

Model	K3 H
Power kW	1,5
Power Supply V	400
Power Type	3 ~ 50 Hz
Grinding wheel Ø in mm	225 (grain 240)
Lamellate grinding wheel Ø in mm	250
Polishing- and Honing wheel Ø in mm	250
Size in mm (H x B x T)	490 x 670 x 480
Weight kg	54
Technical Changes possible.	

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**GS-Schleiftechnik – The Perfection!**



**Grinding Machine for  
Bowl Cutter Knives  
Model K3 K**



**With the Grinding and Polishingmachine of Type K3K  
you can grind and polish all Forms of Bowl Cutter Knives  
efficiently, quickly and without problems.**

**GS-Schleiftechnik - The Perfection!**



The water tap and the Inox steel case guarants you easy cleaning of the machine.

Top modern production of the high grade steel case with CNC-technology gives you the guarantee for high quality of our products.

Bowl Cutter Knives for 500 litres no Problem for this maschine!

### The advantages at one look:

- Wet Grinding
- Grinding angle guide
- Hight grade steel case
- Maintenance free
- For handheld- and cutter knives
- simply using

### Technical Informations:

Model	K3 K
Power kW	1,5
Power Supply V	400
Power Type	3 ~ 50 Hz
Grinding wheel Ø in mm	225
Lamellate grinding wheel Ø in mm	250
Polishing- and Honing wheel Ø in mm	250
Size in mm (H x B x T)	490 x 670 x 480
Weight kg	53
Technical Changes possible.	

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## Lamellate Grinding Machine T20



**The flap grinder for the craft business!**

**GS-Schleiftechnik - The Perfection!!!**



The advantages over the hardware store grinders are obvious. Completely made of stainless steel, even the disc covers made of stainless steel, strainer for the polishing pad and a strong 550Watt 230 volt motor, and manufactured according to the guidelines, an ideal crafting device!

The large lamellar grinding wheel with a diameter of 200 mm and a width of 50 mm corresponds to a service life of approx. 80 grinding belts or 4 conventional lamellar grinding wheels. The lamellar grinding wheel also produces the often desired ballig cut and optimum cooling of the cutting edge. Also, the cotton polishing wheel with 200mm diameter has a significantly longer life than felt discs. Due to the strong motor a uniform grinding and polishing without loss of speed is possible. For electrical safety, a button unit was installed. Hereby we follow the mechanical engineering guidelines for the business enterprise and fulfill the European safety standards in order to protect the operator optimally.

State-of-the-art production of the stainless steel construction by CNC-controlled processing machines ensure a consistently high quality of our products. As with all our devices, we still attach great importance to ensuring that our products not only make up 60% "made in Germany", but we guarantee you at least 95% "made in Germany".

### The advantages at one look:

- Large dimensioned grinding wheel
- high air cooling
- high grade steel protector
- easy handling
- Made in Germany

### Technical Values:

Model	T20
Power W	550
Power Supply V	230
Power Type	1 ~ 50 Hz
Grinding Wheel Ø in mm	200
Polishing- and Honing Wheel Øin mm	200
Size in mm (B x H x T)	340x360x240
Weight kg	18
Technical changes possible.	

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**GS-Schleiftechnik – The Perfection!!!**



Wave Grinder

T20 W



Big Wave grinding wheel and Polishing Wheel for  
Profesionell wave grinding!

**GS-Schleiftechnik - The Perfection!!!**



Top modern fabrication of the high grade steel construction with CNC drive machines give you the guarantee for high quality of our products

The machine is for all Wave knives! Normaly the wave are 1,5mm other Sizes no Problem!

## The advantages at one look:

- Large dimensioned wave grinding wheel
- high air cooling
- high grade steel protector
- easy handling
- Made in Germany

## Technical Values:

Model	T20W
Power W	550
Power Supply V	230
Power Type	1 ~ 50 Hz
Wave Grinding Wheel Ø in mm	200 x 80
Polishing- and Honing Wheel Øin mm	200 x 35
Size in mm (B x H x T)	340x360x240
Weight kg	18
Technical changes possible.	

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## Lamellate Grinding Machine

### Hurrikan T25



**The Lamellate Grinding machines are produces with a largest  
Wheels than other machines.**

**GS-Schleiftechnik - The Perfection!!!**



The advantages over the hardware store grinders are obvious. Completely made of stainless steel, even the disc covers made of stainless steel, strainer for the polishing pad and a strong 2200 Watt 400 volt motor, and manufactured according to the guidelines, an ideal crafting device!

The large lamellar grinding wheel with a diameter of 250 mm and a width of 50 mm corresponds to a service life of approx. 120 grinding belts or 6 conventional lamellar grinding wheels. The lamellar grinding wheel also produces the often desired ballig cut and optimum cooling of the cutting edge. Also, the cotton polishing wheel with 250mm diameter has a significantly longer life than felt discs. Due to the strong motor a uniform grinding and polishing without loss of speed is possible. For electrical safety, a button unit was installed. Hereby we follow the mechanical engineering guidelines for the business enterprise and fulfill the European safety standards in order to protect the operator optimally.

State-of-the-art production of the stainless steel construction by CNC-controlled processing machines ensure a consistently high quality of our products. As with all our devices, we still attach great importance to ensuring that our products not only make up 60% "made in Germany", but we guarantee you at least 95% "made in Germany".

### **The advantages at one look:**

- Large dimensioned Lamellate grinding wheels
- high air cooling
- high grade steel protector
- easy handling
- big electromotor

### **Technical Values:**

Model	T250
Power W	2200
Power Supply V	400
Power Type	3 ~ 50 Hz
Lamellate Grinding Wheel Ø in mm	250
Polishing- and Honing Wheel Ø in mm	250
Size in mm (B x H x T)	420x320x320
Weight kg	31
Technical changes possible.	

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# Wet-band Sharpening Machine

**NAS**



Wet-band sharpening for Industry



Big Polishing wheel and a very Big Wet-band is the Special for the machine.

## The advantages at one look:

- Wet band Grinding
- Big Wet Band 850 mm
- Felt wheel 200mm
- Maintenance free
- Stainless Steel
- CE

### Technical Informations:

Modell	NAS
Power Watt	420
Power Supply Volt	230
Power Type	1 ~ 50 Hz
Wet-band length	850 x 50
Felt wheel Ø in mm	200
Size at mm (H x B x T)	350 x 545 x 400
Weight kg	21
Technical Changes Possiple .	

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**GS - Sharpeningmachines - The Perfection...**

## Tools

<p><b>Sharpening wheels</b></p> <p>for sharpening cutter knives and usual knives</p>	
<p><b>Arkansas-honing wheels</b></p> <p>for honing and polishing cutter knives and usual knives</p>	
<p><b>Lamellate wheels</b></p> <p>for sharpening and honing cutter knives and usual knives</p>	
<p><b>Polishing wheels</b></p> <p>for polishing and honing cutter knives and usual knives</p>	
<p><b>Sharpening ribbons - Wet sharpening ribbons</b></p> <p>for dry sharpening and wet sharpening cutter knives and usual knives</p>	





## Sharp knives

Under this motto we started several years ago.

We did not only want to add another knife grinding machine to many of others - **NO**, our target was to solve the problem of "sharp knives" on the best way.

Although it was a simple idea to develop a better wet grinding system, it was much more than hard to reach this high leveled target.

Many tests, examinations and a lot of time for development had to be done..

we did not stop with the development of a wet grinding system. We wanted to design a machine with the ability to make a knife sharp with perfection.

Only in this way a wet grinding system could be developed that has been accepted by professionals and normal users.

## Wet grinding - the better technology

Even the old Romans did know that! They used wet grindstones to sharpen their knives and swords to get the best sharpness and a long time of usability of the edges of their weapons.

The wet grinding system has many advantages:

- Easy using
- Speed
- Hygienic
- Accident free
- Maintenance free
- Quality

## Always going forward...

But our success does not cause us pausing. Research and development is still going on.

## Flexibility and quality

The size of our factory is chosen big enough, so we can deliver all of our serial machines quick and keep prices low. We also have the flexibility to act to your special wishes, too.

## Any more Questions?

Ask [us](#) when you need sharp knives. We think we have much know-how for you. Because we say **ADVICE** as loud as **ACTION!!!**

**GS-Schleiftechnik - The Perfection!**







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**GS-Schleiftechnik – Wenn`s scharf sein soll...**