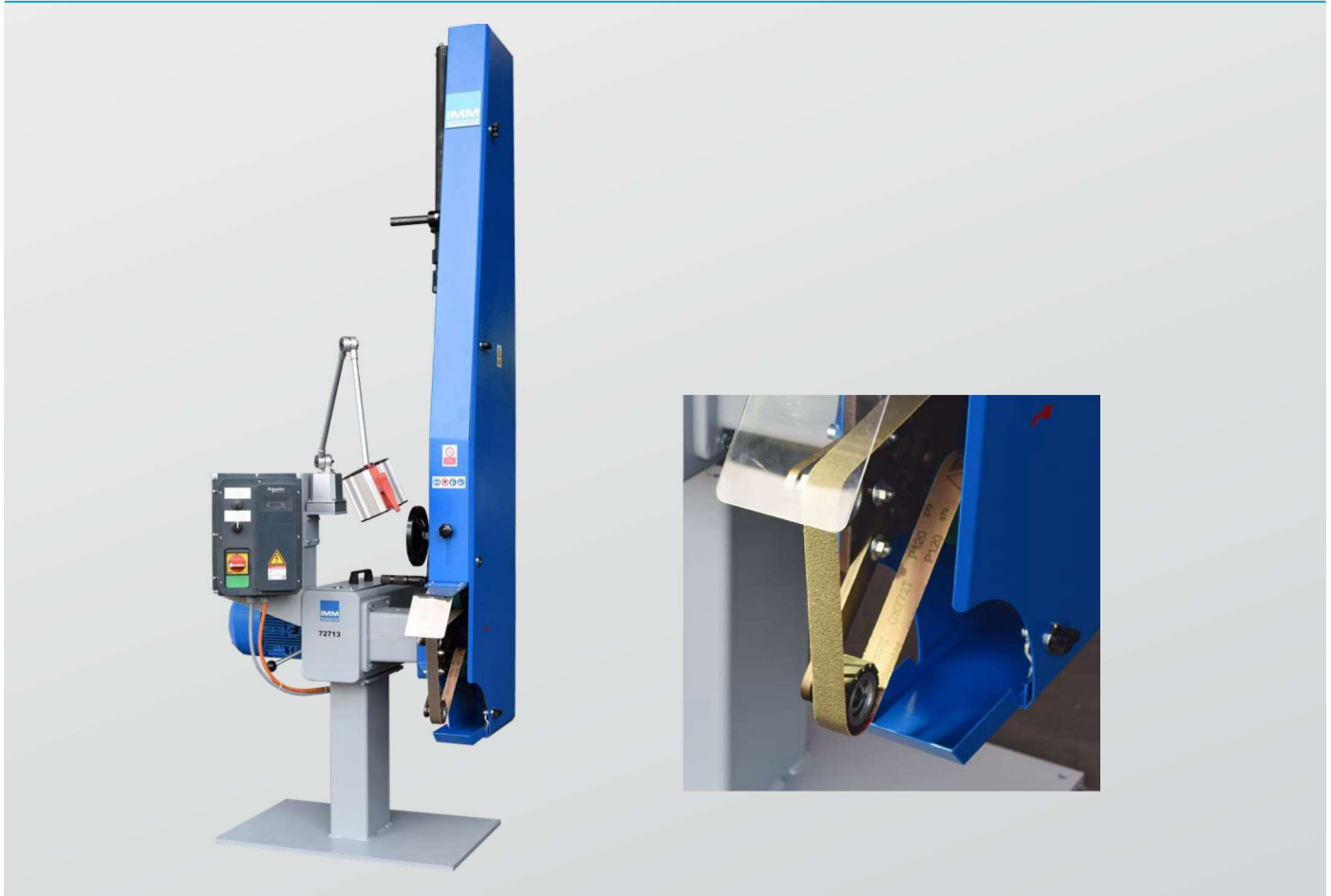


## 72713 | Bandschleifmaschine | Belt grinding machine



**Die Baureihe 72713 ist eine Bandschleifmaschine mit einer Spindel. Sie eignet sich besonders für Werkstücke mit dreidimensionalen Geometrien.**

#### Eigenschaften

- ≡ Extrem robust und dadurch vibrationsarm
- ≡ Raumsparende Bauweise
- ≡ Verschiedene Kontaktscheibengeometrien einsetzbar, schnell wechselbar
- ≡ Schnabelförmige Bandumlenkung (speziell für Innenradien)
- ≡ Freie Bandeinheit
- ≡ Dreistufiger Keilriemenantrieb für wahlweise drei Spindeldrehzahlen bei Motordrehzahl 1.500 U/Min
- ≡ Hauptschalter mit Unterspannungsauslösung
- ≡ CE-Konform

#### Varianten

- ≡ Auch für Alu-Bearbeitung verfügbar
- ≡ Diverse Antriebsvarianten möglich (siehe Tabelle)

#### Optionen

- ≡ Frequenzumrichter für stufenlose Drehzahlregelung
- ≡ Bremsgerät zum schnellen Abbremsen der Spindel
- ≡ Maschinenleuchte

**The series 72713 is a machine with one spindle. It is especially suitable for three-dimensional work pieces.**

#### Machine Characteristic

- ≡ Robust and rigid design and therefore low in vibration
- ≡ Compact design
- ≡ Various contact wheel dimensions, quickly changeable
- ≡ Beak-shaped belt guidance (especially for inner radii)
- ≡ Slack belt unit
- ≡ Three-stage V-belt drive for selectable speeds with 1,500 rpm motor
- ≡ Main switch with low voltage trip
- ≡ CE-conformity

#### Models

- ≡ Available for aluminium processing
- ≡ Various drive options possible (see table)

#### Options

- ≡ Frequency converter for infinitely variable speed control
- ≡ Braking device for rapid stop of spindle
- ≡ Machine lamp

## Technische Daten | Technical data

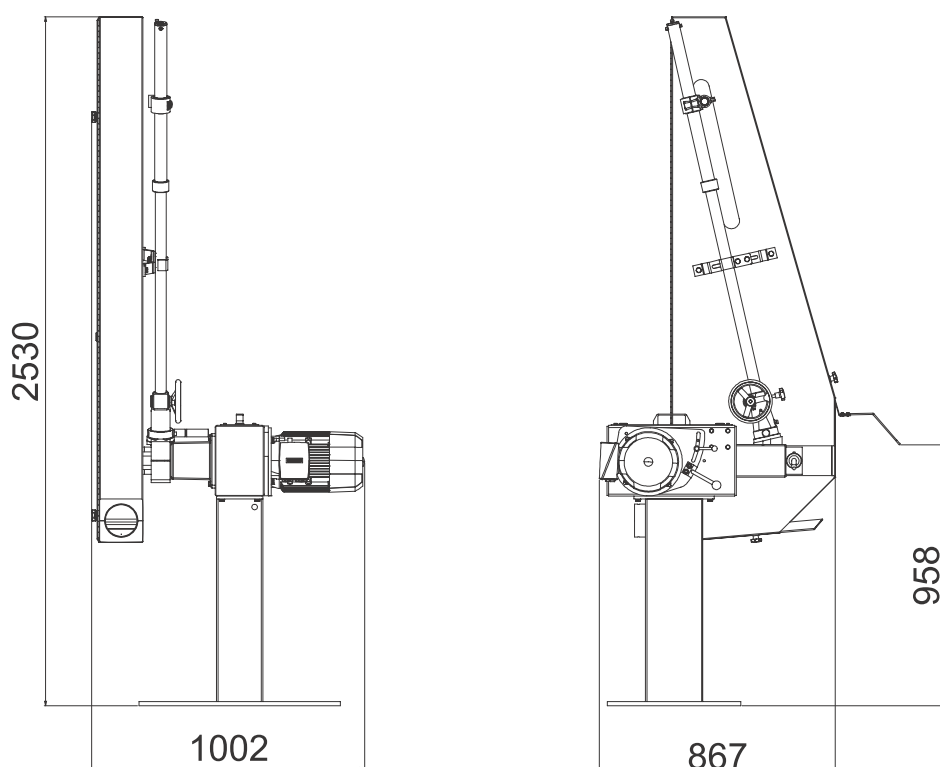
|                                                                   |                                                                                                              |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Bandabmessungen<br><i>Belt dimensions</i>                         | max. 50 x 3.500 mm                                                                                           |
| Kontaktscheiben<br><i>Contact wheels</i>                          | Ø 20 - 120 mm, 20 - 50 mm Breite   <i>Width</i>                                                              |
| mögliche Spindeldrehzahlen*<br><i>Possible spindle speeds*</i>    | 700, 800, 900, 1.000, 1.120, 1.250,<br>1.400, 1.600, 1.800, 2.000, 2.240, 2.500,<br>2.800 U/Min   <i>rpm</i> |
| Spannung<br><i>Voltage</i>                                        | 400 V, 3/N/PE, 50 Hz                                                                                         |
| Betriebsart, Schutzart<br><i>Operation mode, protection class</i> | S1, IP 54                                                                                                    |
| Absaugstutzen<br><i>Extraction pipe</i>                           | Ø 120 mm                                                                                                     |
| Farbe<br><i>Colour</i>                                            | Grau (RAL 7040), Blau (RAL 5017)<br><i>Grey (RAL 7040), Blue (RAL 5017)</i>                                  |
| Gewicht Grundmaschine<br><i>Weight base machine</i>               | ca.   <i>approx.</i> 290 kg                                                                                  |

\*Bitte 3 Drehzahlen auswählen | *\*Please select 3 spindle speeds*



## Verfügbare Motorvarianten | Available drive options

| Motoren mit 1 Drehzahl (U/Min)<br><i>Motors with 1 rotational speed (rpm)</i> | Motoren mit 2 Drehzahlen (U/Min)<br><i>Motors with 2 rotational speed (rpm)</i> | Motoren mit FU/Drehzahlbereich (ca., U/Min)<br><i>Motors with frequency converter (approx., rpm)</i> |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 2,2 kW / 1.500                                                                | –                                                                               | 2,2 kW / 1.500, 700 - 2.800                                                                          |
| 3,0 kW / 1.500                                                                |                                                                                 | 3,0 kW / 1.500, 700 - 2.800                                                                          |
| 4,0 kW / 1.500                                                                |                                                                                 | 4,0 kW / 1.500, 700 - 2.800                                                                          |



Anrüstung  
Optionen  
ab Seite 25  
Accessories  
Options starting  
page 25

## Ausrüstung für Baureihen 72711, 72730, 72780 | Accessories for Series 72711, 72730, 72780

## Technische Daten | Technical data

|                                           |                                                   |
|-------------------------------------------|---------------------------------------------------|
| Bandabmessungen<br><i>Belt dimensions</i> | max. 100 mm x 3.500 mm,<br>max. 100 mm x 4.000 mm |
| Kontaktscheiben<br><i>Contact wheel</i>   | Ø 250 - 450 mm, 100 Breite   <i>Width</i>         |
| Polierscheiben<br><i>Polishing wheels</i> | Ø 350/500 mm, 50 Breite   <i>Width</i>            |
| Absaugstutzen<br><i>Extraction pipe</i>   | Ø 120 mm                                          |

## Bestelldaten | Ordering data

Bandspannarme | *Belt tensioning arms*

|                                                                                                                                       |   |                                     |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------|---------------------------------------|
| Leitrolle<br><i>Guide roller</i>                                                                                                      | ① | Stahl   <i>Steel</i><br>590 700 000 | Alu   <i>Aluminium</i><br>592 010 000 |
| Bandspannarm<br><i>Belt tensioning arm</i>                                                                                            | ② | links   <i>left</i><br>452 090 010  | rechts   <i>right</i><br>452 080 010  |
| Rohrhalter<br><i>Tube holder Ø 128 mm</i>                                                                                             | ③ | 495 019 340                         |                                       |
| Bandspannarm komplett<br>inkl. Leitrolle und Rohrhalter<br><i>Belt tensioning arm complete<br/>incl. guide roller and tube holder</i> |   | links   <i>left</i><br>452 660 000  | rechts   <i>right</i><br>452 650 000  |

Bandschutzhauben | *Belt protective covers*Schleifbandlänge 3.500 mm | *Grinding belt length 3.500 m*

|                                  |                                    |                                      |
|----------------------------------|------------------------------------|--------------------------------------|
| Stahlblech<br><i>Sheet steel</i> | links   <i>left</i><br>461 620 000 | rechts   <i>right</i><br>461 610 000 |
| Aluminium<br><i>Aluminium</i>    | links   <i>left</i><br>495 020 670 | rechts   <i>right</i><br>495 020 680 |

Schleifbandlänge 4.000 mm | *Grinding belt length 4.000 m*

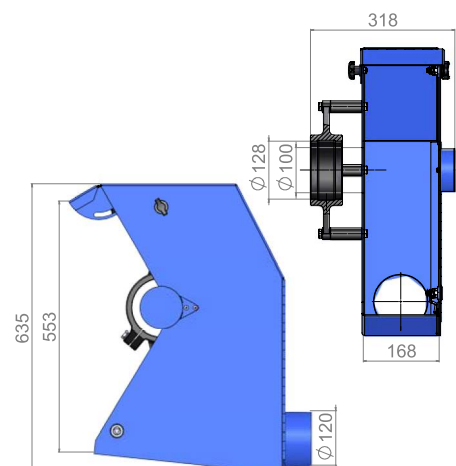
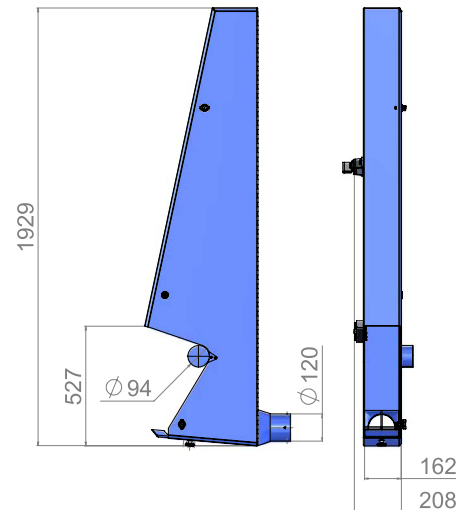
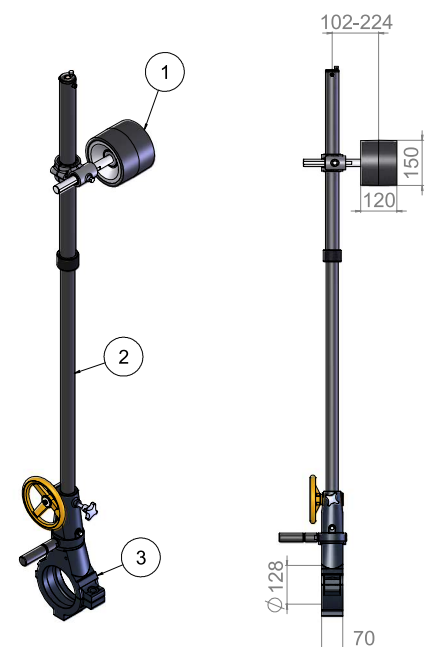
|                                  |                                    |                                      |
|----------------------------------|------------------------------------|--------------------------------------|
| Stahlblech<br><i>Sheet steel</i> | links   <i>left</i><br>461 640 000 | rechts   <i>right</i><br>461 630 000 |
|----------------------------------|------------------------------------|--------------------------------------|

Polierschutzhauben | *Polishing protective covers*Polierscheiben Ø 350 mm | *Polishing wheel Ø 350 mm*

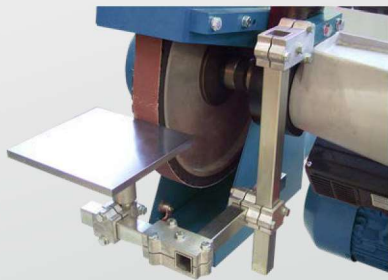
|                                  |                                    |                                      |
|----------------------------------|------------------------------------|--------------------------------------|
| Stahlblech<br><i>Sheet steel</i> | links   <i>left</i><br>461 680 010 | rechts   <i>right</i><br>461 670 010 |
| Aluminium<br><i>Aluminium</i>    | links   <i>left</i><br>495 023 040 | rechts   <i>right</i><br>495 023 030 |

Polierscheiben Ø 500 mm | *Polishing wheel Ø 500 mm*

|                                  |                                    |                                      |
|----------------------------------|------------------------------------|--------------------------------------|
| Stahlblech<br><i>Sheet steel</i> | links   <i>left</i><br>461 660 010 | rechts   <i>right</i><br>461 650 010 |
| Aluminium<br><i>Aluminium</i>    | links   <i>left</i><br>495 022 970 | rechts   <i>right</i><br>495 022 960 |



## Optionen für manuelle Maschinen | Options for manual machines



Schleiftisch verstellbar und  
schwenkbar  
*Grinding table adjustable and  
pivotable*



Arbeitsplatzlampe  
*Machine lamp*



Digitale Drehzahlanzeige  
*Digital speed indicator*



Schleifschuh  
*Flat platen attachment*



Maschinenleuchte  
*Machine light*



Sonderpoliermaschine  
für Turbinenschaufeln  
*Special polishing machine  
for turbine blades*

## Kontaktscheibenlagerungen 72713 | Contact wheel holder 72713

## Bestelldaten | Ordering data

Ø 25 mm, Breite | *Width* 50 mm, 65° Shore 495 320 020

Ø 25 mm, Breite | *Width* 25 mm, 65° Shore 495 320 060

Ø 45 mm, Breite | *Width* 25 mm, 65° Shore 495 320 040

Ø 60 mm, Breite | *Width* 25 mm, 65° Shore 495 320 030

