

**SUHDNER**<sup>®</sup>  
**ABRASIVE**

**Strong.  
Stronger.**

**ROTOmax 4.0**

**UPGRADE**

**4.2**



**SUHDNER**  
ADVANCED COMPONENT CREATION

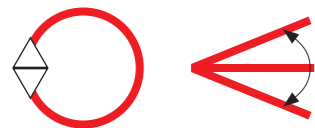
# ROTOmax 4.2

## Maximum power

Electronic components are protected from dirt and dust

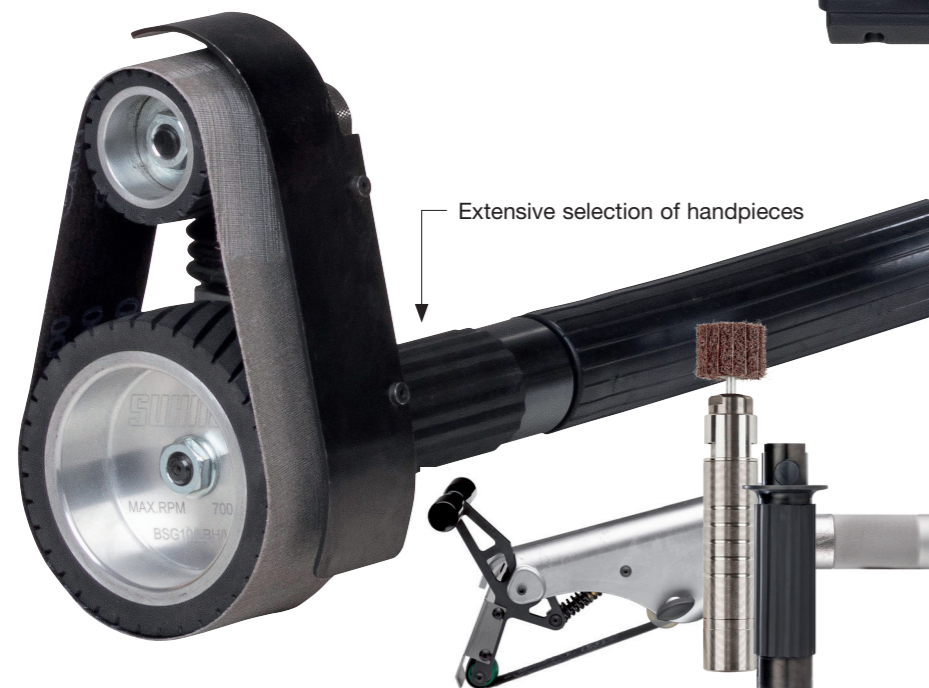
- Powerful, brushless AC motor for three-phase alternating current
- Very high level of efficiency
- Excellent energy efficiency

Pivoting range for drive in three directions:  
horizontal: 360°, in the double handle: ± 45°



IP 45

Extensive selection of handpieces



- Grinding processes and work steps can be easily mapped by saving up to 6 different rotational speeds (5 memory locations plus "F" key).
- Easy intuitive operation
- Perfect grinding pattern through electronically controlled rotational speed.

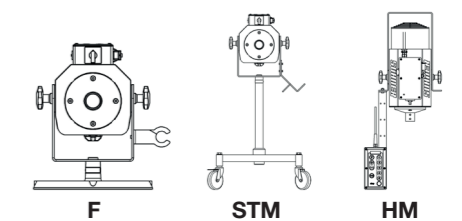
- Large LED display to enable the speed to be seen easily  
Speed setting from 500–10,000 rpm
- Time window of 60 seconds protects against accidental start-up

- Connector for foot switch and manual switch-off
- Automatic detection if step switch/foot pedal is attached

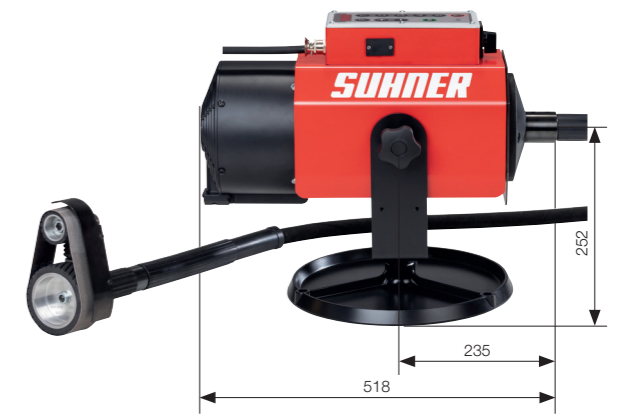
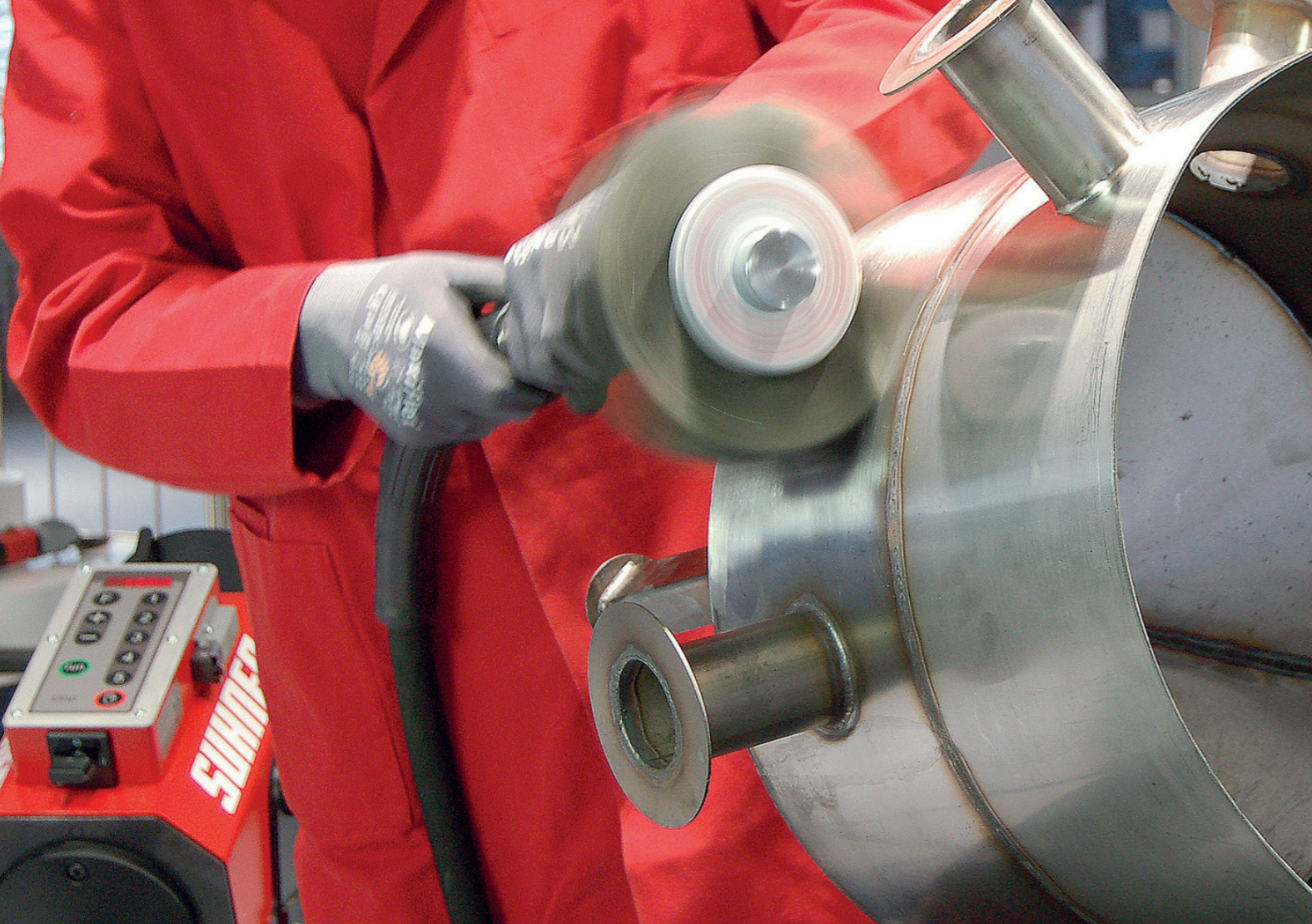
- Active brake saves time between work processes
- Smooth start
- Integrated overload protection

DIN 15 connector

- Undervoltage protection:  
No auto-restart after interruption of power supply
- When load on the shaft is increased, the speed is reduced and more power is applied to the shaft. The machine stops if it is overloaded.



Select from three models



### The ROTOMax 4.2 – all in one

The ROTOMax 4.2 is a powerful and universal system unit in which the drive and the tool are run separately using a flexible shaft.

Grinding processes and work steps can be easily mapped by saving up to 6 different rotational speeds. The speeds can be user-programmed and electronically controlled. This helps you create a perfect grinding pattern.

The distinguishing feature of the ROTOMax 4.2 is its easy, intuitive operation.

Due to the fact that it can be used almost anywhere, the ROTOMax 4.2 is put to work in foundries, tool production, the pharmaceutical industry, food tech processing plants, aviation technology, boiler making and mechanical workshops.

Applications: Cutting, machining, grinding, rust removal, brushing or polishing.

### The ROTOMax 4.2 – at a glance

- up to 6 user-programmed memory locations (5 memory locations plus “F” key).
- Speed range: 500–10,000 rpm
- Power input: 4,000 W
- Power output: 3,500 W
- Mains voltage: 3~400–480 V (50/60 Hz), 9.5–7.9 A
- Overload protection: yes
- Sound pressure level: 75 dB(A)
- Weight: 30 kg (model F)

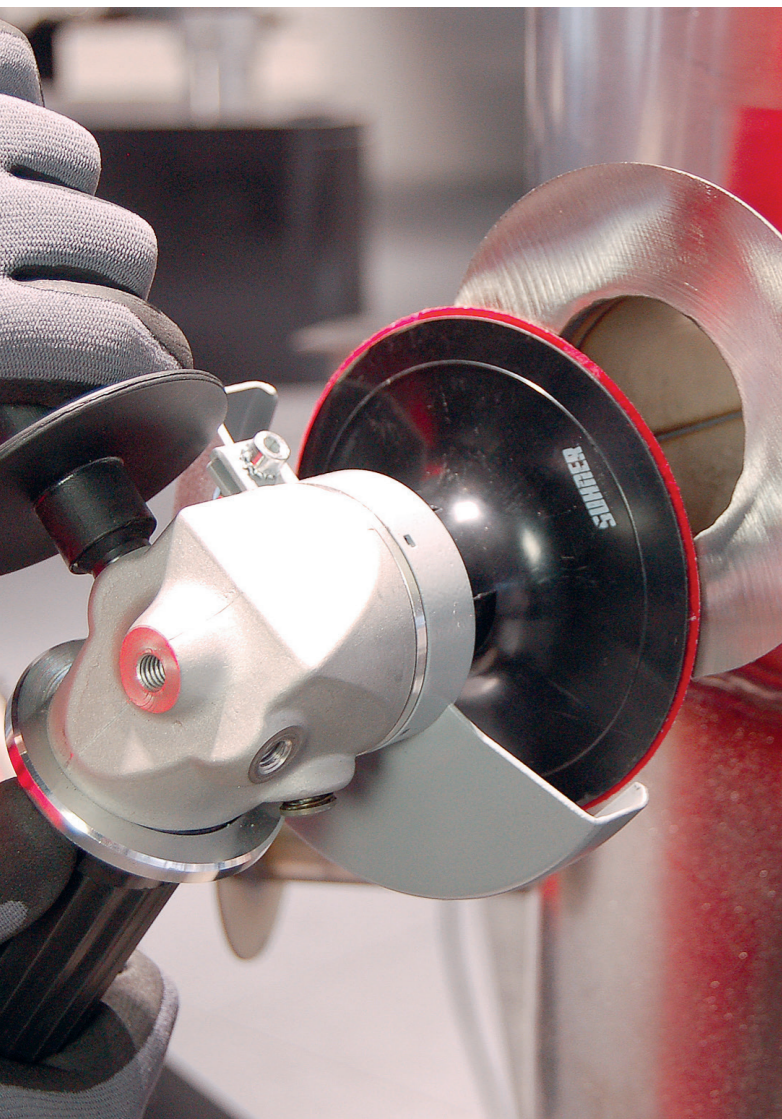
### The ROTOMax 4.2 – a variety of models

A flexible and efficient tool that adapts perfectly to operating processes as a result of its three standard installation modes:

- Pedestal **F**
- Trolley **STM**
- Suspended mount **HM**

The sophisticated modular structure of the ROTOMax 4.2 is what makes it an all-rounder. The combination of a smart drive and a wide variety of handpieces enable it to be used in almost any scenario.

The ROTOMax 4.2 optimises processes and thus saves on costs. The ROTOMax 4.2 is the only solution for processing surfaces mechanically in both industry and trade.



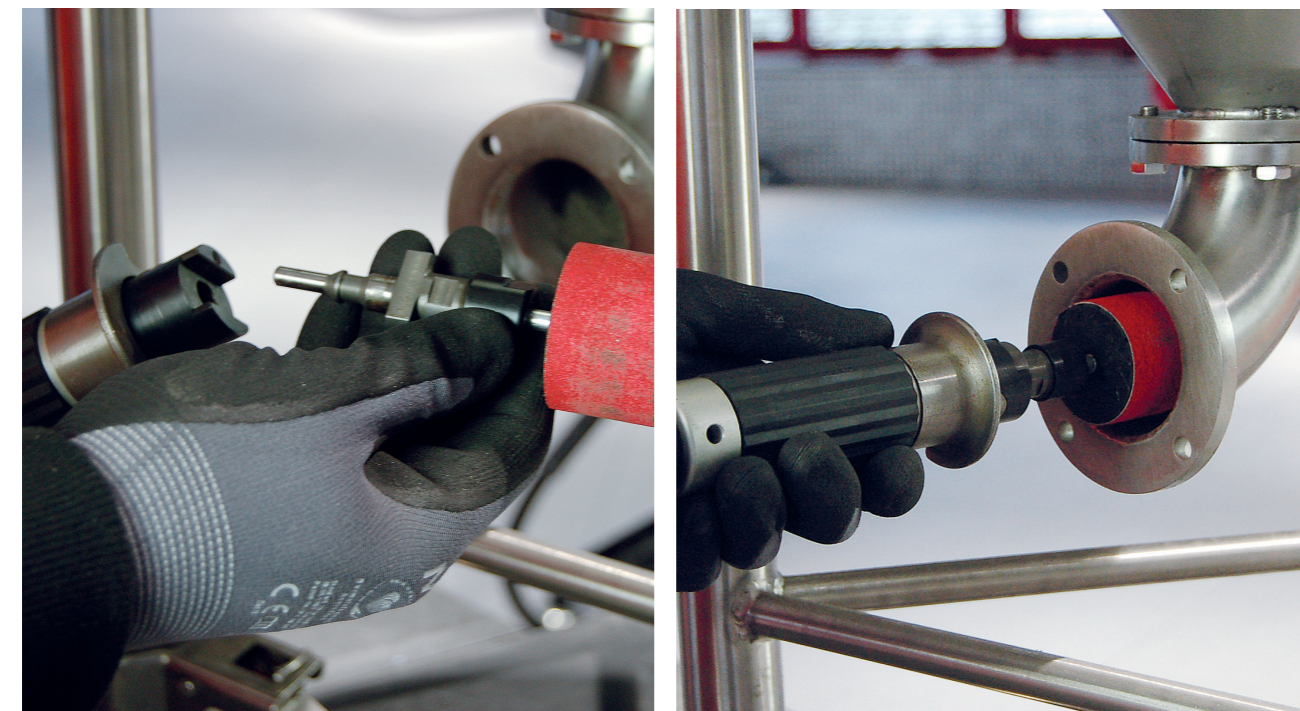
## ROTOmax 4.2

Machine with flexible shaft

Technical Data									
Type	Voltage	Frequency	Connection for flexible shaft	Model	Power input	Speed	Version	Mat. no.	
	V	Hz			kW	rpm			
	F	400-480	50/60	DIN 15	with base plate	4.0	500-10,000	EU/AUS	101 001 454
	F	400-480	50/60	DIN 15	with base plate	4.0	500-10,000	USA	101 001 489
	STM	400-480	50/60	DIN 15	with movable tripod	4.0	500-10,000	EU/AUS	101 001 455
	STM	400-480	50/60	DIN 15	with movable tripod	4.0	500-10,000	USA	101 001 513
	HM	400-480	50/60	DIN 15	with suspension attachment	4.0	500-10,000	EU/AUS	101 001 472
	HM	400-480	50/60	DIN 15	with suspension attachment	4.0	500-10,000	USA	101 001 535

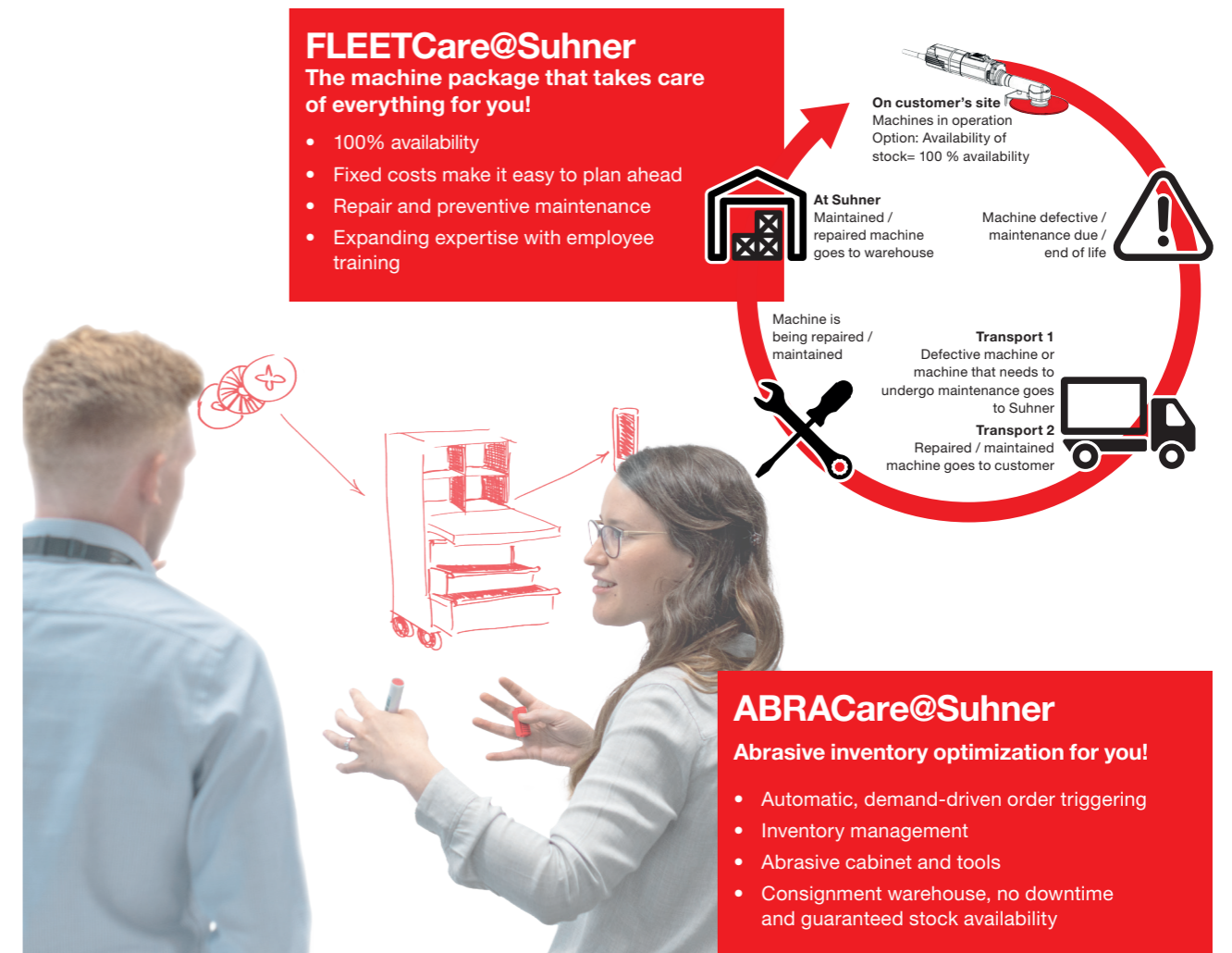
## Combination options – the best in its class

One drive unit	Three flexible shaft sizes	A huge choice of handpieces
<b>ROTOmax 4.2</b>	<ul style="list-style-type: none"> <li>▶ NA 10</li> <li>▶ NA 12</li> <li>▶ NA 15</li> </ul>	<ul style="list-style-type: none"> <li>▶ Straight handpieces</li> <li>▶ Angle handpieces (45°/90°)</li> <li>▶ Belt grinders</li> <li>▶ Power files</li> <li>▶ Angle grinders</li> <li>▶ Quick-release handpieces</li> <li>▶ Tube polishers</li> </ul>



## FLEETCare@Suhner and ABRACare@Suhner

– The comprehensive Suhner rental model.





## SUHNER@Work

The best place to try out our products is at your workplace.

Benefit from our comprehensive process expertise in grinding and abrasive technology. See what's new and discover more effective and more efficient options.

Try our products out on your current projects. Find out how ergonomic tools can boost your productivity.




















# **SUHNER®**

## **ADVANCED COMPONENT CREATION**

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