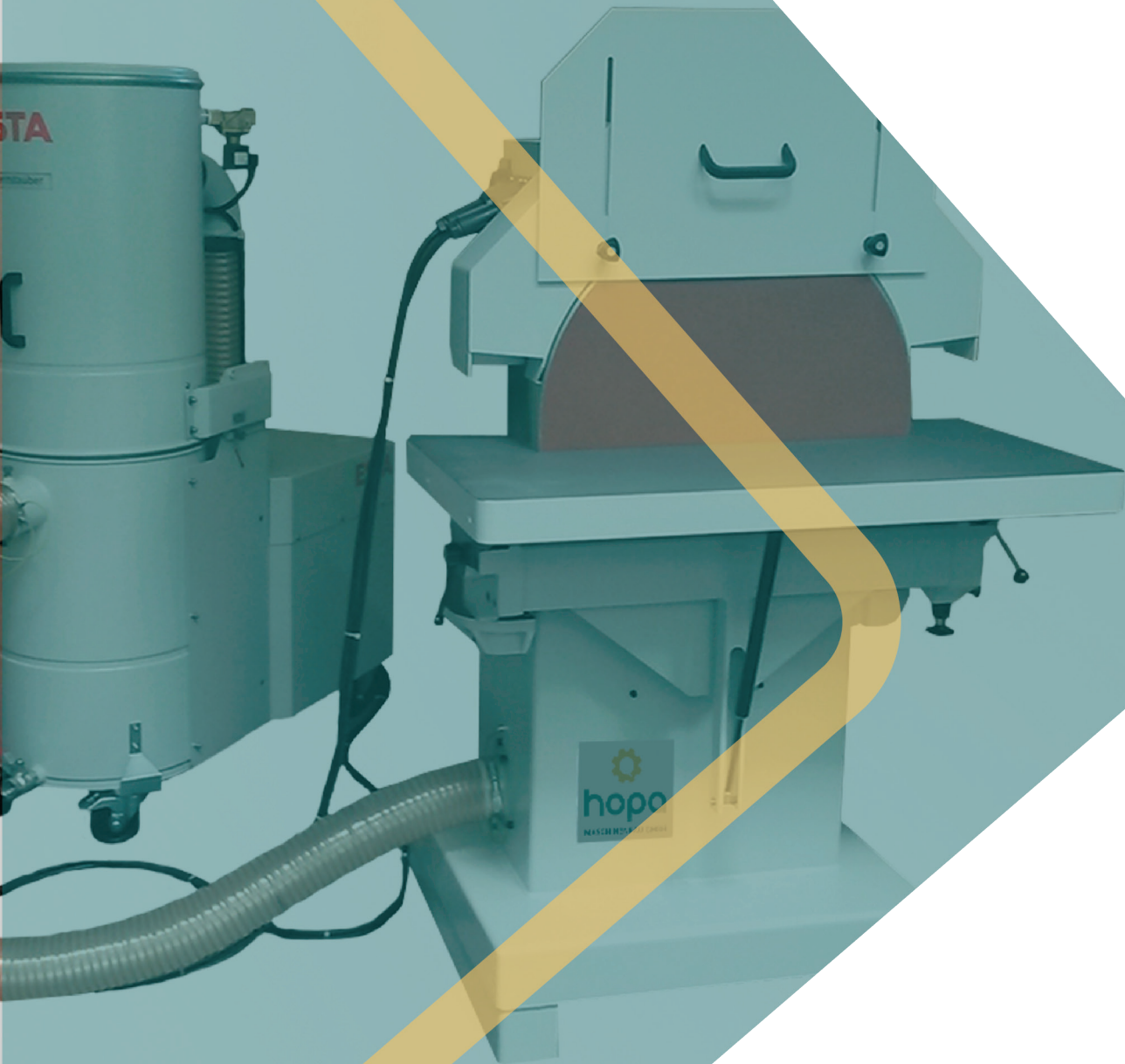


# DISC GRINDING MACHINE

S550 - S950  
IN EXPLOSION PROOF VERSION



**hopa**  
MASCHINENBAU GMBH

# PRODUCT DESCRIPTION

## DISC GRINDING MACHINE S550 - S950 IN EXPLOSION PROOF VERSION

This disc grinding machine is especially for grinding aluminium.

### MACHINE TABLE

The **machine table** is made of cast iron and is mounted on both sides. The grinding wheel is also enclosed laterally by the machine table. This makes it easy to grind angled parts.

The machine table is positioned 50mm under the grinding centre, which creates a larger working area. An extendable workpiece support is available as an option.

### TILTING DEVICE

The **tilting device** allows infinitely variable adjustment of the machine table (45° downwards as well as 30° upwards). The tilting is supported by a shock absorber.

The reading accuracy is 6 minutes.

The distance between the grinding disc and the machine table remains constant.

### TILTING DEVICE WITH HANDWHEEL



### SWITCHING UNIT

A brake force control is built into the circuit as standard, in accordance with the regulations in EU countries.

The **operating switch** can be used to adjust the clockwise or anticlockwise rotation of the grinding wheels. If desired, the revolution per minute can also be adjusted steplessly.

The drive motor, as well as the elements of the switching unit meet the specific requirements for the explosion protection.

### CLEAR OPERATING ELEMENTS



# PRODUCT DESCRIPTION

## DISC GRINDING MACHINE S550 - S950 IN EXPLOSION PROOF VERSION

For this version  
is on customer request  
a wet dust extractor, for  
a dust free job  
available.

### ANGLE DEVICES (OPTIONAL)

#### Version 1

The **angle device** can be moved in a groove over the entire length of the machine table. It can be adjusted 45° on both sides.

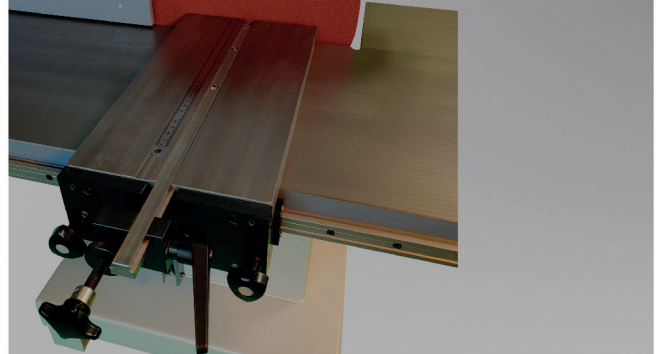
#### Version 2

This **angle device** is mounted at the front of the machine table and has a quick lock for the most common angles. It can be moved over the entire length of the table and is adjustable 45° on both sides.

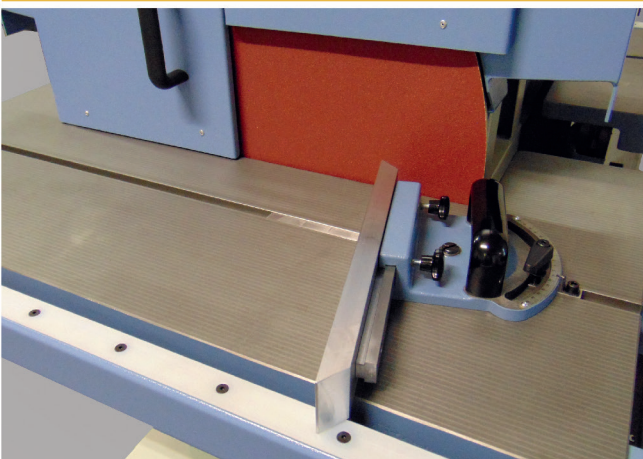
### VERSION WITH WET DUST EXTRACTOR



### CYLINDRICAL GRINDING DEVICE



### ANGLE DEVICE IN GROOVE



### ANGLE DEVICE AT FRONT OF TABLE





# TECHNICAL DATA

## DISC GRINDING MACHINE S550 - S950 IN EXPLOSION PROOF VERSION

### WORK AREA

table length	800 / 950 / 1150 / 1250 mm
table width	410 / 470 / 470 / 570 mm
table width in front of the disc	250 / 300 / 300 / 400 mm
table under centre of disc	50 mm
table tilt motion down/up	45/30°
tilt motion with fine adjustment	✓
reading accuracy	6 min
zero lock	✓
table swivel out	90°
table working height	900 mm

### GRINDING DISC

disc diameter	500 / 600 / 800 / 900 mm
disc replacement	✓

### MOTOR

voltage	400 V
motor power	4,0 / 2,2 / 4,0 / 4,0 kW
revolutions per minute	1.500 / 1.000 / 750 / 750 U/min
automatic brake	brake force regulator

### EXHAUST SYSTEM

socket diameter bottom	100 mm
socket diameter top	120 mm
required capacity	814 m³/h
flow rate	20 m/s

### SWITCHING UNIT

main switch	✓
emergency stop	✓
switch for rotation to right/left	✓

### DIMENSIONS

space requirement S 550-EX / S 650-EX	95x85x140 / 110x85x140 cm
space requirement S 850-EX / S 950-EX	130x90x180 / 140x100x180 cm

### WEIGHT

S version	280 / 315 / 390 / 410 kg
-----------	--------------------------

### OPTIONALLY AVAILABLE

angle device, adjustable on both sides	2x45°
cylindrical grinding device	30-600mm
extendable workpiece support	✓
special voltage	✓
special paint	✓

Construction changes reserved.

**CE** Machines in CE standard

**HoPa Maschinenbau GmbH**  
Hauptstraße 15  
09430 Drebach | Germany

phone: +49 (0) 37341 | 48 35 0  
fax: +49 (0) 37341 | 48 35 1  
e-mail: [info@hopa-maschinen.de](mailto:info@hopa-maschinen.de)

web: [www.hopa-maschinen.de](http://www.hopa-maschinen.de)