

DISC GRINDING MACHINE

S550 / SS550



hopa
MASCHINENBAU GMBH

PRODUCT DESCRIPTION

DISC GRINDING MACHINE S550 / SS550

The disc grinding machine S550 / SS550 in heavy, torsion- and vibration-free design can be used for machinable materials.

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 switch housing is equipped with a rubber-coated shelf.

CLEAR OPERATING ELEMENTS



PRODUCT DESCRIPTION

DISC GRINDING MACHINE S550 / SS550

In the SS550 version, with a second disc you create another space-saving workstation

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.

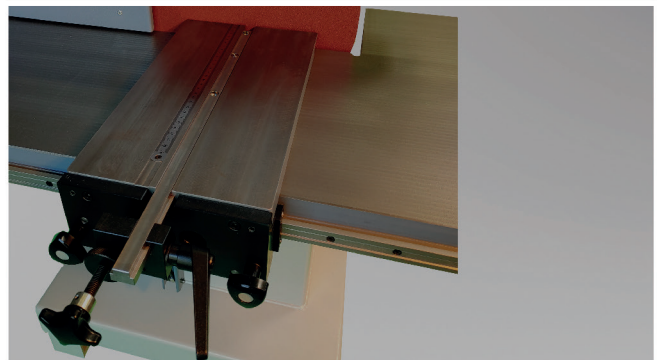
Version 2

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.

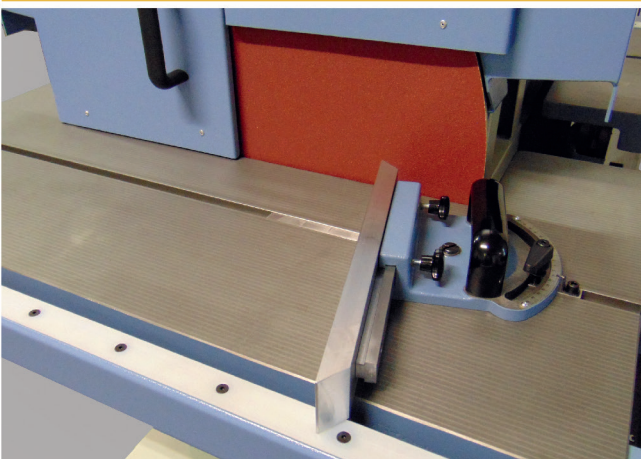
VERSION SS550 WITH SECOND DISC



CYLINDRICAL GRINDING DEVICE



ANGLE DEVICE IN GROOVE



ANGLE DEVICE AT FRONT OF TABLE



TECHNICAL DATA

DISC GRINDING MACHINE S550 / SS550

WORK AREA

table length	800 mm
table width	410 mm
table width in front of the disc	250 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 mm
S version	1 disc
SS version	2 discs
disc replacement	✓

MOTOR

voltage	400 V
motor power	4/2,2 kW
revolutions per minute	1500 U/min
automatic brake	brake force regulator

EXHAUST SYSTEM

socket diameter bottom	100/120 mm
socket diameter top	120 mm
required capacity	814 m ³ /h
flow rate	20 m/s

SWITCHING UNIT

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

DIMENSIONS

space requirement of the S version	95x85x140 cm
space requirement of the SS version	95x100x140 cm

WEIGHT

S version	280 Kg
SS version	310 Kg

OPTIONALLY AVAILABLE

angle device, adjustable on both sides	45°
cylindrical grinding device	30-500 mm
stepless speed regulation	✓
digital display for table tilt motion	✓
machine lamp	✓
extendable workpiece support	✓
special voltage	✓
special paint	✓

Construction changes reserved.

CE Machines in CE standard

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