

DISC GRINDING MACHINE

S850 / SS850



hopa
MASCHINENBAU GMBH

PRODUCT DESCRIPTION

DISC GRINDING MACHINE

S850 / SS850

**The disc grinding machine
S850 / SS850 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 S850 / SS850

In the SS850 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.

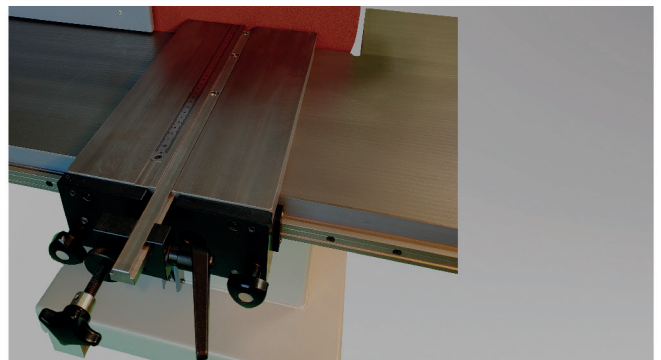
Version 2

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.

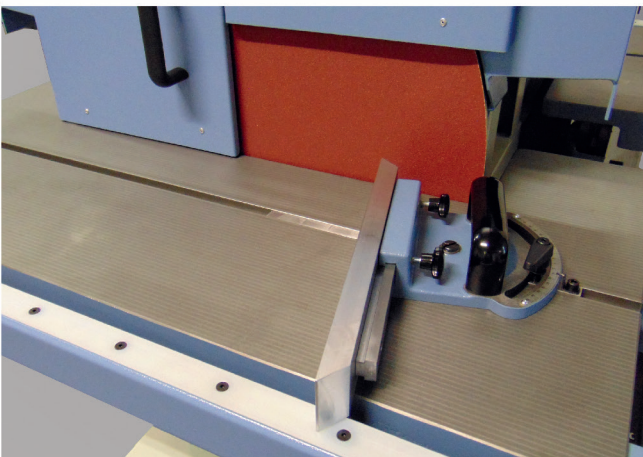
VERSION SS850 WITH SECOND DISC



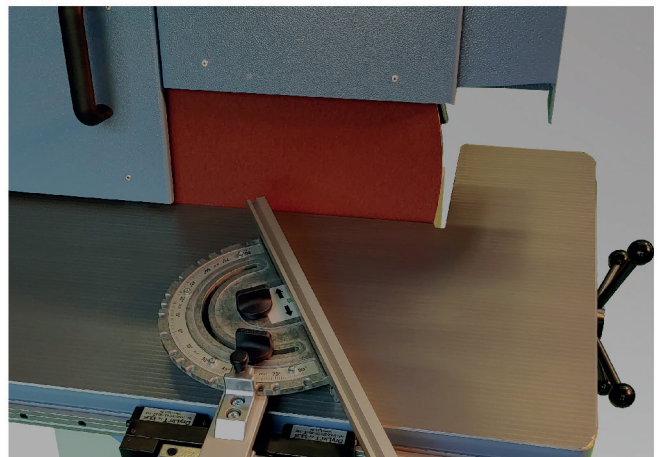
CYLINDRICAL GRINDING DEVICE



ANGLE DEVICE IN GROOVE



ANGLE DEVICE AT FRONT OF TABLE



TECHNICAL DATA

DISC GRINDING MACHINE S850 / SS850

WORK AREA

table length	1150 mm
table width	470 mm
table width in front of the disc	300 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	800 mm
S version	1 disc
SS version	2 discs
disc replacement	✓

MOTOR

voltage	400 V
motor power	4 kW
revolutions per minute	750 U/min
automatic brake	brake force regulator

EXHAUST SYSTEM

socket diameter bottom	100/120 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 of the S version	130x90x180 cm
space requirement of the SS version	130x110x180 cm

WEIGHT

S version	390 Kg
SS version	470 Kg

OPTIONALLY AVAILABLE

angle device, adjustable on both sides	45°
cylindrical grinding device	30-600 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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