

# Three-disc machines – fast and furious

**NEW  
2009**



DS 800

**ALMOST  
DUST  
FREE**

DS 550

DS 450

■ Diamond grinding tools for screed, concrete, coatings etc.

■ Diamond scraping tools for fillers, coatings etc.

■ Diamond rasping tools for keying coatings (e.g. acrylics, epoxies, polyurethane...) etc.

For the removal of thin layers of adhesives on filler..., etc.

Any questions?  
We've got the answers!

→ +49 7181 92 97 32

# Tools and accessories - DS 450, DS 550, DS 800

These high-performance **three-disc machines** are employed depending on the situation for surfaces 20m<sup>2</sup> and larger. The contra-rotating tools are extremely efficient so that the high prepping rate more than compensates for the increased effort involved in transportation and longer setting-up times.

There are three fixtures on each drive plate. An individually driven tool plate can be attached to each of these. A whole range of tools can then be mounted onto the tool plates.

The tools can be changed very easily by unscrewing the three socket-head cap screws on each tool. Each tool is then removed and a new tool mounted, before the screws are retightened.



There are two suction nozzles fitted on each side of the suction ring on the DS 550 and the DS 800. Two hoses connect them to the Y-joint. The DS 450 has only one suction nozzle. The huge amount of dust is thus removed as it develops. The use of a high-performance industrial dust extractor ensures that the work environment remains almost dust-free.



The machines can be employed for both dry and wet grinding. Water tanks are mounted on the guide handle and are available for all models.



Diamond grinding segments, metal bonded, for dry grinding. Various grit sizes and bonds of differing hardness are available.



PCD scraping segments. Various models for removing stubborn residue (filler, all types of adhesive, etc.)



The machine can be dismantled to facilitate transportation, e.g. the DS 450 into 4 parts: Chassis with guide handle, motor and dust extraction ring and finally the lower section of the machine with the tools which of course can be removed as well.



Various resin-bonded diamond polishing tools for dry polishing, mesh available from 50 to 3000.



Diamond rasping tools remove thin layers of adhesive, paint and coatings etc. without clogging.



The drive plate rotates clockwise. The three tool plates rotate anti-clockwise. As a result the prepping rate is very efficient and the machine does not pull from side to side and can be guided with very little effort.

Technische Daten	DS 450	DS 550	DS 800
	Power	2,2 kW	5,5 kW
Speed	1300 rpm	300 - 1400 rpm	300 - 850 rpm
Current input	13 A	11 A	23 A
Voltage	230 V	400 V	400 V
Tools (3)	Ø 160 mm	Ø 220 mm	Ø 270 mm
Working width	Ø 450 mm	Ø 550 mm	Ø 800 mm
Dust extraction hose	Ø 50 mm	Ø 50 mm	Ø 70 mm
Weight without tools	approx. 115 kg	approx. 260 kg	approx. 445 kg
<b>Scope of delivery:</b>	Machines are delivered complete with dust extraction facility, without tool plate		

Subject to technical modifications. Errors and omissions excepted.



Erwin Früh GmbH  
Machines and accessories for professional floor treatment  
and sub-floor preparation

Vorstadtstrasse 61 - 67, D-73614 Schorndorf  
Fon +49 7181 92 97 32, Fax +49 7181 92 97 33

info@frueh-maschinen.de  
www.frueh-maschinen.de

Printed in Germany