

FLIP[®]

The edge and corner sanding machine



Applications

Due to the large selection of attachments, this edge sanding machine covers many areas of application: From coarse and fine sanding to milling and subfloor processing of wood surfaces.

Technical Data*

Motor:	Universal motor with no-voltage release
Voltage:	230 V / 50 + 60 Hz
Motor power:	1.35 kW
Necessary fuse protection of mains supply:	at least 10 A
Diameter of disc, short and long attachment:	150 mm
Diameter of disc, corner attachment:	60 mm
Speed of disc, short and long attachment:	approx. 3100 1/min (rpm)
Speed of disc, corner attachment:	approx. 7750 1/min (rpm)
Overall weight of machine:	9,8 kg

Particularities

- ✓ Enormous extraction capacity and therefore lowest dust load
- ✓ Housing parts made of robust and lightweight glass-fibre reinforced plastic
- ✓ Quick and easy change of attachments
- ✓ Dust bag can be quickly removed - for clean and effortless emptying
- ✓ Thermal overload protection of the motor
- ✓ Versatile use
- ✓ User and maintenance friendly
- ✓ Work light available as accessory



*) The FLIP® is available on request in other versions (depending on the power supply in your country and the area of application).

Scope of delivery

- ✓ **Extension Cable** - with a cable cross-section of 3 x 1,5 mm² and a cable length of 10 metres.
- ✓ **Emptying Fixture** - empty quickly, easily and almost dustfree into a garbage bag.
- ✓ **Universal Spanner** - for wheel adjustment and to carry out simple maintenance.
- ✓ **Respiratory protection mask** - dust protection, also from carcinogenic dusts.
- ✓ **Cotton bag** - all accessories included in the scope of delivery are safely stored here.
- ✓ **Velcro disc** - as a spare part to carry out the sanding work without long waiting times.
- ✓ **Operating instructions / sanding manual** - important information about the machine and applications.



Accessories

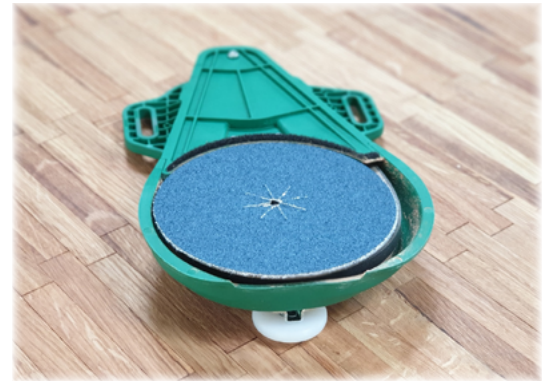
Suitable accessories make your everyday work easier and extend the possible uses of your FLIP®. Discover the numerous possibilities!

Short Attachment

Ideal for working on the edge area. Sanding discs can be used both with a solid velcro and for tensioning. The machine is therefore particularly handy and very easy to operate.

Product details:

- Plate diameter: 150 mm
- Attachment length: 155 mm



Long Attachment

Due to its length it is particularly suitable for sanding under obstacles (such as radiators, shelves etc.). Sanding discs can be used both with a solid velcro and for tensioning.

Product details:

- Plate diameter: 150 mm
- Attachment length: 315 mm

Corner Attachment

Finishing the corners of wooden floors is usually very time-consuming. With the FLIP®corner attachment, which can only be used with velcro discs, this work can be carried out in a very short time.

Product details:

- Plate diameter: 60 mm
- Attachment length: 225 mm



Milling Attachment

The disc of the milling attachment is equipped with diamond cutting edges (PCD). With these accessory rough work at the edge area can be carried out quickly and without much effort.

The Milling Attachment FLIP® is the perfect complement to the Milling Drum IGEL for HUMMEL® and ELF.

Product details:

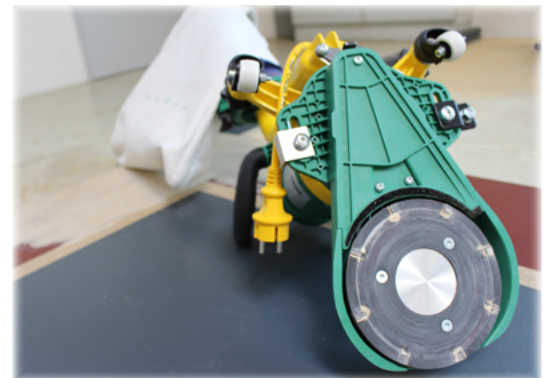
- Milling disc equipped with 8 PCD cutting edges
- Disc diameter: 150 mm
- Attachment length: 155 mm
- Special feature: Balanced milling disc

* (PCD = Poly Crystalline Diamond)



Your added value:

- Fast and effortless removal of stubborn varnish layers and coating residues
- Very long service life of the PCD milling attachment
- Time and cost savings, the use of conventional abrasives with coarse grit sizes is eliminated
- Quick and easy conversion of the FLIP® from the sanding attachment to the milling attachment



Application:

Residues of felt, foam and plaster as well as lubricating varnish and paint residues on wooden floors can be removed easily with this attachment.

It can also be used effectively on floorboards. This applies to the removal of various old varnish layers as well as to the treatment of cupped floorboards in the edge area.





Working Light

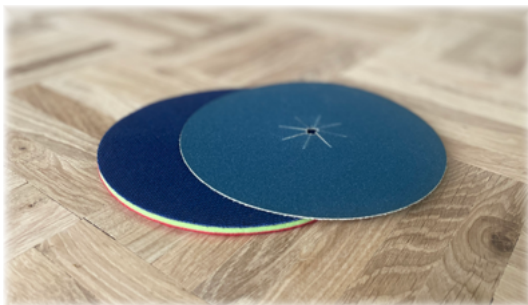
This allows you to control the surface quality of the wooden floor while sanding.

The focusable LED lamp is removable and can also be used as a torch independently of the machine.

Emptying Fixture

Especially in the edge area, sanding work is often very time-consuming - so every minute counts!

With the emptying device, the dust bag can be emptied quickly and easily into a garbage bag, almost dustfree, even within a room.



Velcro Disc flexible

The Velcro disc flexible can be used together with sanding paper or sanding screen.

Due to its flexible nature, it dampens the direct, aggressive transmission of force from the machine to the abrasive. This makes the machine noticeably easier to operate and the wood surface is processed much more gently.

There are fewer sanding marks - a much more uniform sanding pattern is the result.

The Velcro disc flexible, which is made of high-quality materials, is extremely durable and guarantees long service life. Its use is recommended from grit size 80.

- Diameter: 150 mm
- Total thickness: approx. 6 mm
- Material: Velour red / Polyurethane Microcellular green / Velcro mushroom head blue





Pipe Socket for vacuum cleaner

This pipe attachment allows the FLIP® to attach directly to an external vacuum cleaner or a mobile dust extractor.

Dimensions on the pipe socket for connecting:

- Inner diameter 35 mm
- Outside diameter 38 and 40 mm

Universal Spanner

This tool can be used to loosen or tighten all screws of the machine, to carry out simple maintenance and repair work. These are, for example, changing the attachment, adjusting the wall protection roller or replacing the carbon brushes.

In addition, the spanner can be used to adjust the wheel setting to the attachment used.



Sanding Screen with Velcro

The sanding screen with Velcro is used for fine and intermediate varnish sanding.

The wood fibers still standing up after the last sanding pass with sanding discs can be clipped by using sanding screens.

Any remaining light scratches are removed.

Their use is recommended especially for oiled and colored wooden floors, for which a very high surface quality is required.

The use of sanding screens can generally achieve a visually and haptically significantly better final result.





Abrasives for the FLIP®



LÄGLER abrasives are optimally adapted for use with the FLIP® and their wide variety of applications.

The use of high-quality materials ensures maximum efficiency when using our sanding discs!

Lägler® sanding discs are provided with a velcro coating and for tensioning and are manufactured using a particularly high-quality paper backing. They can be clamped on as well as quickly and easily fixed with Velcro to the sanding plate.


Get the maximum out of your machines with Lägler® abrasives!

FLIP® abrasive discs are available in the following grit sizes:

FLIP® / ELAN Ø 150 mm	16	24		40		60	80	100	120	150
FLIP® Ø 61 mm Corner attachment				40		60	80	100		
FLIP® Ø 150 mm Sanding screen with velcro							80	100	120	

 Zircon

 Silicon carbide (Sanding disk)

 Silicon carbide (Sanding screen with velcro)



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