

# Perfect sanding!

## PROGRAM OVERVIEW

**LÄGLER® offers the most comprehensive and highest quality range of machines for the professional sanding of wooden floors and the preparation of subfloors.**

For more than 50 years, LÄGLER® floor sanding machines represent functional and ergonomic perfection. They are easy to operate and easy to maintain.

At the same time, they meet the environmental and safety related requirements. The wood dust exposure of the machines was minimized as a result of focused

research activities, while still providing the user unlimited mobility for sanding in confined areas. The LÄGLER® standard offers integrated dust collection systems that remain significantly below the regulated wood dust exposure.

All over the world, wood floor contractors rely on LÄGLER® floor sanders and they take advantage of innovative concepts, unmatched solutions, first-class product quality, highest efficiency and perfect work results.

For the benefit of its customers, LÄGLER® continuously makes significant investments in basic research, training and consulting services as well as in future oriented manufacturing processes to protect and expand the technology advances of its machines.

**LÄGLER® – the single source for floor sanding machines, abrasives and application engineering.**

## PREMIUM SANDING TECHNOLOGY (PST®) WITH HUMMEL®, TRIO AND FLIP®



### HUMMEL® – BELT SANDER

The first, the best and the best-selling belt sander in the world. Highest performance and perfect sanding quality. Wood dust exposure <math>< 1 \text{ mg/m}^3</math>



### TRIO – THREE DISC SANDER

The first wood dust certified fine sander in the world. Easiest operation for premium surfaces. Wood dust exposure <math>< 0,2 \text{ mg/m}^3</math>



### FLIP® – EDGE AND CORNER SANDER

The first wood dust certified edge sander in the world. Unbeatable efficiency. Optionally available with long attachments or corner attachments. Wood dust exposure <math>< 0,2 \text{ mg/m}^3</math>

## ■ SURFACE SANDING MACHINES



The power package – Quality with highest sqm (sq.ft.) performance.

### SUPERHUMMEL – BELT SANDER

Designed for the effective sanding of large floor areas in schools, sports- and industrial halls. The SUPERHUMMEL offers an aggressive mode of operation, perfect work quality and effective dust extraction. Can only be operated with three phase motor in Europe. Wood dust exposure < 2 mg/m<sup>3</sup>.



Proven standard for sanding.

### ELF – DRUM SANDER

Robust, proven standard sanding system. Mainly used for the rental business. It includes the modern LÄGLER® centrifical sanding drum. For export, also available with conventional sanding drum in different widths.



Easy handling – Ideal for the rental business.

### PROFIT – DRUM SANDER

The handy sanders for rental business. They include the modern LÄGLER® centrifical sanding drum. Robust, reliable and exceptionally easy to operate. Wood dust exposure < 2 mg/m<sup>3</sup>.

## ■ SANDING OF SUB-FLOORS, FINISHING AND POLISHING



Uncompromisingly strong – with adapter for dust extraction system.

### SINGLE – SINGLE DISC SANDER

The SINGLE is the only real single disc sander. As a standard, it includes the universal sanding disc for different sanding works. Uncompromisingly designed for the most difficult subfloor preparations, e.g. with the optional stainless steel milling disc (1) with ceramic cutting inserts and auxiliary weight (2).

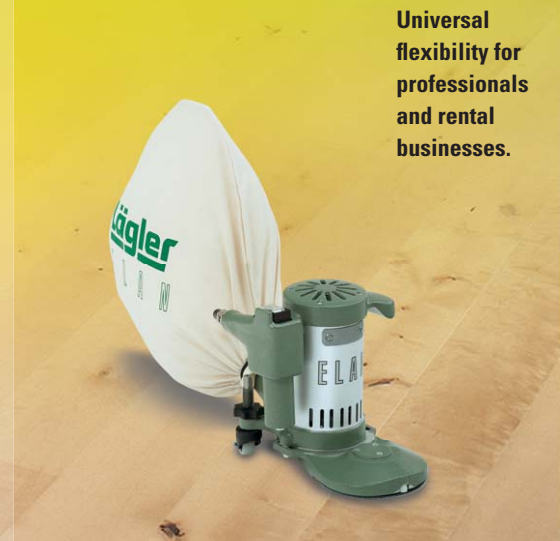
## ■ EDGE- AND STAIRWAY SANDERS



Optimum result with low physical stress.

### UNICO – EDGE SANDER

Ideal for the smooth sanding of all edges. With a perfect ergonomic design for an optimum work position. Swivable work lamp for a better view. Available with different attachment lengths. Wood dust exposure < 2 mg/m<sup>3</sup>.



Universal flexibility for professionals and rental businesses.

### ELAN – EDGE- AND STAIR SANDER

Wide application range, proven technology and low weight make the ELAN versatile. Optionally available with different attachments. Wood dust exposure < 2 mg/m<sup>3</sup>.





## ■ INNOVATIVE ABRASIVES

**Premium surfaces, cost effectiveness and work safety are the most important features when sanding wooden floors.**

For decades, LÄGLER® has been the trend-setter for floor sanding systems. Longterm trials and experience of craftsmen around the world are the basis for a comprehensive concept, which includes machines, abrasives and applications engineering matched to each other.

This concept of LÄGLER® is called **PST® (Premium-Sanding-Technology)**. The combination of consulting and training is an ideal basis for satisfied customers.



## LÄGLER®-machines + abrasives + concepts: Better surfaces in the shortest time!

A comparison of a real example: Sanding of a 30 m<sup>2</sup> (320 sq.ft.) oak mosaic parquet

<b>** Standard</b>	<b>Grain</b>	<b>36</b>	<b>40</b>	<b>60</b>	<b>60</b>	<b>Filling</b>	<b>100</b>	<b>80</b>	<b>Time advantage</b>
	Work area	Surface	Edge	Surface	Edge		Surface	Edge	
	Abrasive	Corundum	Corundum	Corundum	Corundum		Corundum	Corundum	
	Sander	<b>HUMMEL®</b>	<b>FLIP®</b>	<b>HUMMEL®</b>	<b>FLIP®</b>		<b>HUMMEL®</b>	<b>FLIP®</b>	
<b>**** Prestige</b>	<b>Grain</b>	<b>36</b>	<b>40</b>	<b>60</b>	<b>60</b>	<b>Filling</b>	<b>100</b>	<b>80</b>	<b>100</b>
	Work area	Surface	Edge	Surface	Edge		Surface	Edge	Surface
	Abrasive	Corundum	Corundum	Corundum	Corundum		Corundum	Corundum	Screen
	Sander	<b>HUMMEL®</b>	<b>FLIP®</b>	<b>HUMMEL®</b>	<b>FLIP®</b>		<b>HUMMEL®</b>	<b>FLIP®</b>	<b>SINGLE</b>
<b>***** Premium</b>	<b>Grain</b>	<b>40</b>	<b>40</b>	<b>60</b>	<b>60</b>	<b>Filling</b>	<b>60 / 80</b>	<b>60 *</b>	<b>Time advantage</b>
	Work area	Surface	Edge	Surface	Surface		Edge	Surface	
	Abrasive	Zircon	Zircon	Zircon	Zircon		Zircon	Zircon	
	Sander	<b>HUMMEL®</b>	<b>FLIP®</b>	<b>HUMMEL®</b>	<b>TRIO</b>		<b>FLIP®</b>	<b>TRIO</b>	

\* additional fine sandings may be required depending on the specified surface quality, special wood types or installation patterns.

## ■ SUMMARY

### What does the builder – your customer – expect?

- Competent craftsmen
- Cost effective proposals
- Reliability, on-time completion
- Professional work
- Perfect work quality
- No dust exposure
- Experts for care and renovation

### What do you – the craftsman – need?

- Profitable orders
- Adequate compensation
- Good planning / coordination of the work
- Good working conditions
- Optimized sanders and abrasives
- Sanders with integrated dust extraction
- Complete service and consulting

### This is what LÄGLER® offers!

- Worldwide leading sanding technology (**PST®**)
- Innovative abrasives (**PST®**)
- Intelligent application concepts (**PST®**)
- Competence
- Training sessions and seminars
- Professional customer service
- Fast supply of spare parts



### Carrying handle

For comfortable carrying a complete HUMMEL® over longer distances, stairs or obstacles. The carrying handle is simply hooked into front grip of machine.



### Ear muff Pocket

Fold-up enclosed ear protection with case for attachment to safety belt.



### Transcart

For easy and comfortable transport of HUMMEL®, SUPERHUMMEL and ELF on bumpy routes, over kerbs and low steps. Simultaneous protection of sanding drums, wheel coverings and sealing felts from damage.



### Ear muff Radio

Ear muff with integrated FM radio. Radio volume limiter at 82 dB(A). Automatic switch-off after 4 hours.



### MultiClip

Dust bag gasket seals dust bags at the connecting socket of the guide tube.



### Protective mask P3

Protects effectively against cancer causing wood dusts when emptying the dust bags.



### Voltage booster

Guarantees the operational reliability of the sanders in case of undervoltage or loss of voltage caused by extremely long supply cables. Adjustable in five stages from 180 V to 230 V, with volt meter and an electrical outlet.



### Impact tool

Made of impact-resistant plastics makes laying and joining of floor elements easier and protects edges from damages.



### Safety belt

Eases strain on the muscles of the upper torso, the spinal column and vertebral discs when working with HUMMEL®, SUPERHUMMEL and ELF. Adjustable to individual waist widths with integrated back cushion.



### Floor laying tool

Makes the laying of wooden floors much easier. Available with narrow or wide application angles.

More information is available under [www.laegler.com](http://www.laegler.com)



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