

Planing

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Planing

Overview of products and applications

Whether lightweight and handy for assembly tasks or a large rebate depth for an unlimited range of applications – Festool planers have one thing in common: excellent results.

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EHL 65 EQ

HL 850

PL 205

PL 245



Applications

Electric planers

Hand-held planer

rebating

Door and window rebates up to 23 mm

Unlimited rebate depth

Strip material, edges, beams, planks, flat surfaces

Trimming work (strip material, edges, board material)

Planing beams, planks and broad surfaces

Planing up to the edge

Texturing wooden surfaces

Precise results

Drawing cut for clean surfaces

Trimming and planing precise angles

Operation and handling

One-handed operation

Suitable for stationary operation

Dust extraction connector on either side

Planing wide beams

Planing up to 205 mm

Planing up to 245 mm

● Ideal

○ Suitable

Technical data

Power consumption (W)	720	850	2.000	2.300
Rotational speed (rpm)	15.600	11.000	13.500	13.000
Planing width (mm)	65	82	205	245
Planing depth (mm)	0 – 4	0 – 3,5	0 – 3	0 – 3
Max. rebate depth (mm)	23	∞		
Connection Ø d/e (mm)	27	36		
Weight (kg)	2,4	3,9	13,0	15,7

The principle of the one-handed planer is exemplary.

Carpenters still regard the classic hand planer as the machine to use for really demanding surfaces. With a drawing cut and perfect adjustment of the blade angle,

we have adopted and transferred this principle to the unique spiral blade.

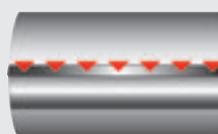


Noticeably more refined, considerably quieter.

The spiral blade is diagonal instead of horizontal and makes a drawing cut that reduces machine noise considerably and produces a much more refined planing pattern. No chatter marks. No reworking.

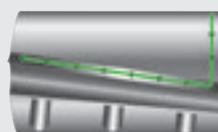
Simply faster.

The simple blade replacement system with automatic adjustment function eliminates the need to adjust the blade cutting circle diameter.



Operating principle: classic planer blade

The blade meets the wood head-on, resulting in a "chopping cut" that leaves behind chatter marks and splinters. The high forces exerted on the drive shaft also increase tool wear.



Operating principle: spiral blade

Initial contact is made over a small surface and force is then transferred smoothly across the entire width of the blade. The angled blade strips off the wood more gently and decreases tool wear.

Planing

One-handed planer EHL 65 EQ

EHL 65 EQ



A small change, for a big improvement.

- ▶ Efficient dust extraction at the left/right side no clean-up needed
- ▶ Weighs only 2.4 kg, compact height, soft-grip material on handle and cutting depth adjuster, additional ribbing for even better grip
- ▶ Quiet: the spiral blade makes work noticeably quieter
- ▶ 4 mm maximum planing depth and 23 mm rebate depth – for greater speed and flexibility

Technical data

Connection Ø for dust extraction (mm)	27
Power consumption (W)	720
Rotational speed (min ⁻¹)	15.600
Planing width (mm)	65
Planing depth (mm)	0 – 4
Max. rebate depth (mm)	23
weight (kg)	2,4



= Electronic

Scope of delivery

EHL 65 EQ AUS 240V
parallel side fence, operating tool, in SYSTAINER SYS 2 T-LOC

Order no.

574559

Unique results.

The EHL 65 EQ operates with a drawing cut to produce a particularly fine planing pattern. No chatter marks. No rework.

System accessories from page 318





HL 850

Planer with no limits.

- ▶ Planing to the edge, single-bearing head for unlimited rebating depths
- ▶ Electronics
- ▶ Spiral blade for a smooth planing pattern
- ▶ Efficient dust extraction at the left/right side no clean-up needed

Technical data

Power consumption (W)	850
Rotational speed (min ⁻¹)	11.000
Planing width (mm)	82
Planing depth (mm)	0 – 3,5
Connection Ø for dust extraction (mm)	36
Max. rebate depth	∞
weight (kg)	3,9



■ = Electronic

Scope of delivery	Order no.
HL 850 EB-Plus AUS parallel side fence, rebate depth stop, extraction adapter, operating tool, in SYSTAINER SYS 3 T-LOC	574554



Texturing surfaces.

Individual rustic planer heads for creating textured surfaces – replaced with a single hand movement.

System accessories
from page 318



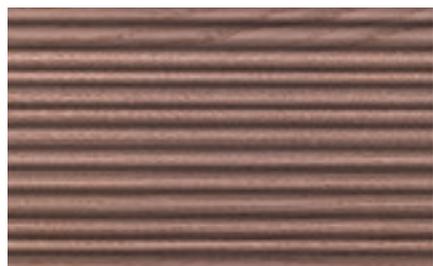
Planing

Rustic planer heads

Narrow, wide or rustic waves.

Narrow, wide or rustic waves. Replacing the planing head for textured planing requires a single hand movement. Achieving attractive, living wooden surfaces could not be easier.

Narrow



Wide



Rustic



Special planer heads for individually textured wooden surfaces.





PL 205 / PL 245

Beam planer with turbo chip ejection.

- ▶ Safe guidance due to ideal positioning of the handles and long planer base
- ▶ Turbo mechanism for rapid chip discharge and excellent workpiece visibility
- ▶ Rotating adjuster on the auxiliary handle for simple cutting depth adjustment
- ▶ V-groove in the planer base for safe handling when chamfering beams



Technical data	PL 205	PL 245
Power consumption (W)	2.000	2.300
No-load speed (min ⁻¹)	13.500	13.000
Max. planing width (mm)	205	245
Planing depth range (mm)	0 – 3	0 – 3
weight (kg)	13	15,7



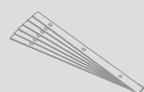
■ = Electronic

This product is not available in Australia.

With reliable guidance for an excellent planing pattern.

In modern wooden structures, more and more visible wooden surfaces are on show. The beam planers PL 205 and PL 245 offer the optimal prerequisites for clean, smooth surfaces with an excellent planing result.

System accessories
from page 319



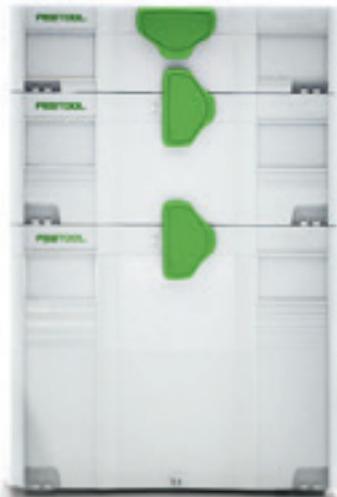
The Festool system.

Because things work better when everything fits together: rebating, trimming and texturing of skirting, trim, door rebates, beams or planks. Always with unique results. An entire system consisting of planer heads, stationary units and angle stops complements the integral planer program.



Planing

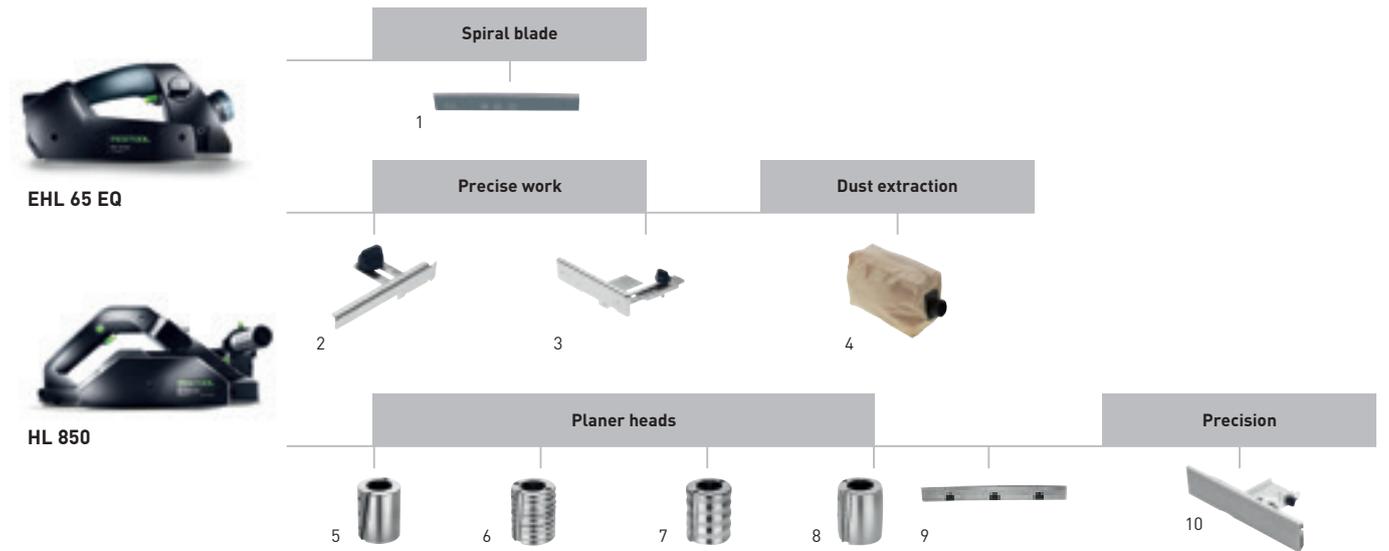
Accessories and consumable materials



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Planing

System accessories



Accessories for one-handed planer EHL 65, planer HL 850

Denomination	Explanation	Order no.
1 Spiral blade HW 65	for EHL 65, tungsten carbide version for EHL 65, carbide standard planer blade with 65 mm width, in self-service display pack	488503
2 Rebate depth stop FA-EHL	for EHL 65, for rebate depths of 0-23 mm, in self-service display pack	488543
Rebate depth stop FA-HL	for HL 850, for rebate depths of 0-30 mm, in self-service display pack	484512
3 Parallel side fence PA-EHL	for EHL 65, for side guidance, adjustable from 0-65 mm, in self-service display pack	488544
Parallel side fence PA-HL	for HL 850, for side guidance, adjustable from 0-82 mm, in self-service display pack	484513
4 Chip collection bag SB-EHL	for EHL 65, in carton	488566
Chip collection bag SB-HL	for HL 850, without suction adapter, in carton	484509
Extraction adapter AD-HL	for HL 850, for chip collection bag and suction hose with bushing, suction hose diameter 36 mm, in self-service display pack	484507
5 Planing head HK 82 SD	standard design, with HW carbide-tipped spiral blade HW 82 SD, in self-service display pack	484520
6 Planing head HK 82 RF	rustic design, fine, with HSS spiral blade HS 82 RF, depth limiter, in self-service display pack	484521
7 Planing head HK 82 RG	for HL 850, rustic design, coarse, with HS spiral blade HS 82 RG, depth limiter, in self-service display pack	484522
8 Planing head HK 82 RW	for HL 850, rustic design, undulating, with HS spiral blade HS 82 RW, depth limiter, in self-service display pack	485331
9 Spiral blade HW 82 SD	for planer head HK 82 SD, HM standard design, carbide standard planer blade with 82 mm width, in self-service display pack	484515
Spiral blade HS 82 RF	for planer head HK 82 RF, HSS rustic design, fine, in self-service display pack	484518
Spiral blade HS 82 RG	for planer head HK 82 RG, HSS rustic design, coarse, in self-service display pack	484519
Spiral blade HS 82 RW	for planer head HK 82 RW, HSS rustic design, undulating, in self-service display pack	485332
10 Mitre guide WA-HL	for HL 850 EB, can also be used as stop for bench unit SE-HL, for planing at angles of 0-45°, stop area length x height 350 x 70 mm, in carton	485018



PL 205



PL 245

Reversible blades



1

Accessories for beam planer PL 205, PL 245

Denomination	Explanation	Order no.
1 Reversible cutter blade RN-PL 19x1x205 Tri. 6x	for PL 205 E, PLP 205 E, Tri-metal, dimensions 19 x 1 x 205 mm	This product is not available in Australia.

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