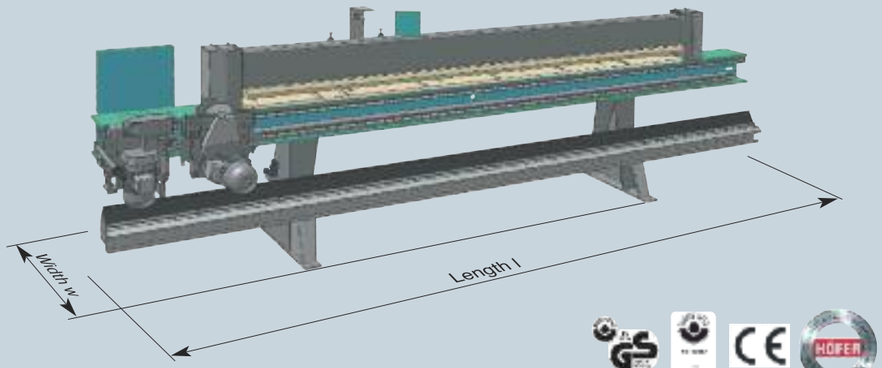
HÖFER
Presstechnik

Technical data:



Standardmodel		FSP 310	FSP 370	FSP 430
Cutting length	[mm]	3100	3700	4300
Cutting height max.	[mm]	45	45	45
Power – saw	[kW]	2,2	2,2	2,2
Power – milling unit	[kW]	1,1	1,1	1,1
Compressed air	[bar]	5 – 6	5 – 6	5 – 6
Exhaust capacity	[m³/h]	1500	1500	1500
Exhaust speed	[m/sec.]	20	20	20
Exhaust underpressure	[Pa]	1200	1200	1200
Weight w/o special equipment, approx.	[kg]	900	1200	1500
Space requirements (l x w)				
w/o rear support table	[mm]	4600 / 1100	5200 / 1100	5800 / 1100
with rear support table	[mm]	4600 / 1550	5200 / 1550	5800 / 1550
working height	[mm]	850	850	850
Certificates				
Declaration of conformity - CE		✔	✔	✔
Dust-proof Certificate		✔	✔	✔
HÖFER Quality Certificate		✔	✔	✔

Note: Subjects to alteration

Standard equipment
- TCT-Sawblade Ø 180 mm
- Dust extraction channel Ø 120 mm
- Tools
- Mechanic sawblade adjustment 0 - 2 mm
- Heavy-duty gear rack balance
- Maintainance unit - semiautomatic
- Aligner 90°

Special equipment
- Milling unit with chipping device
- Pneumatically sawblade adjustment
- Rear support table
- Digital position-display with handwheel-adjustment
- Pneumatically lowering parallel fence
- Miter angle for rear support table
- Front support table - manually slideable
- Flat joint laser light

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FSP

VENEER- and PANELSAW

Success all down the line requires flexible solutions.

Creativity and innovation produce smart solutions

Since 1955 HÖFER-products have been field-tested all over the world. The users of these machines appreciate their quality, precision and long-life cycle.

The high quality of our products are generated by
- the creativity of our engineers
- the spirit of innovation
- a reliable and customer oriented consulting
- an involved production-team in Taiskirchen/Austria

All this belongs to our know-how and is implemented in
- carpentries
- wood-industries
- furniture-industries
- car- and car-supply industries
- composite processing
- metal processing
- synthetic industries
- chemical industries etc.

HÖFER produces and assembles all machine components in their 10.000 m² state-of-the-art production facilities.

Quality from Austria

HÖFER Presstechnik

COMPETENCE CONCERNING CUTS

A head start needs to be apparent.

The whole is greater than the sum of its parts

Many components have to play their parts in order to process material prim and precise:
- practical oriented design and construction
- used materials and production methods
- safety features and equipment, which protects but does not interfere and
- long-ranging spare-part supply.

We implement all this into our Veneer- and Panelsaws very consequently.

HÖFER uses linear-guideways. These guideways combine:
- high carrying capacity and precision with
- long endurance and
- low maintenance requirements

The high capacity and precision is a result of the combination of four ball races and hardened and tempered materials. Guiding systems of the same design are also applied in CNC-machines.

A great solid machine design as well as practical components make the Veneer- and Panelsaw a very reliable and precise machine. The high operational availability and the long endurance of this saw guarantees a good profit ratio.

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FSP

VENEER- and PANELSAW

economical and efficient

HÖFER Presstechnik

Overview

The sophisticated and field-proofed machine is made for clean joint cutting of all sorts of veneer and for accurate, splinter-proofed cuts of wooden panels and chipboards as well as veneered panels, acrylic glass, building boards and flat laminates.

The Veneer- and Panelsaw FSP offers a plenty of standarized details.
The base construction plus the pressure beam are extremly solid and warp resistant.
Saw and milling unit and the feeding fence run on linear-guideways. To accentuate are the central greasing points for convenient and simple maintenance.

Well figured out safety-features and an ergonomic arrangement of the controls characterize this machine.
The external German inspection authority – „deutsche Holzberufsgenossenschaft (DGUV)“ has certified this HÖFER veneer-saw.

Safety is a priority

This machine is equivalent to the EC machinery directive (2006/42/EG - CE-certified) and holds a GS Test Certificate as well as a DGUV Test Certificate of the European notified body, Identification number 0392 and is dust-proofed.

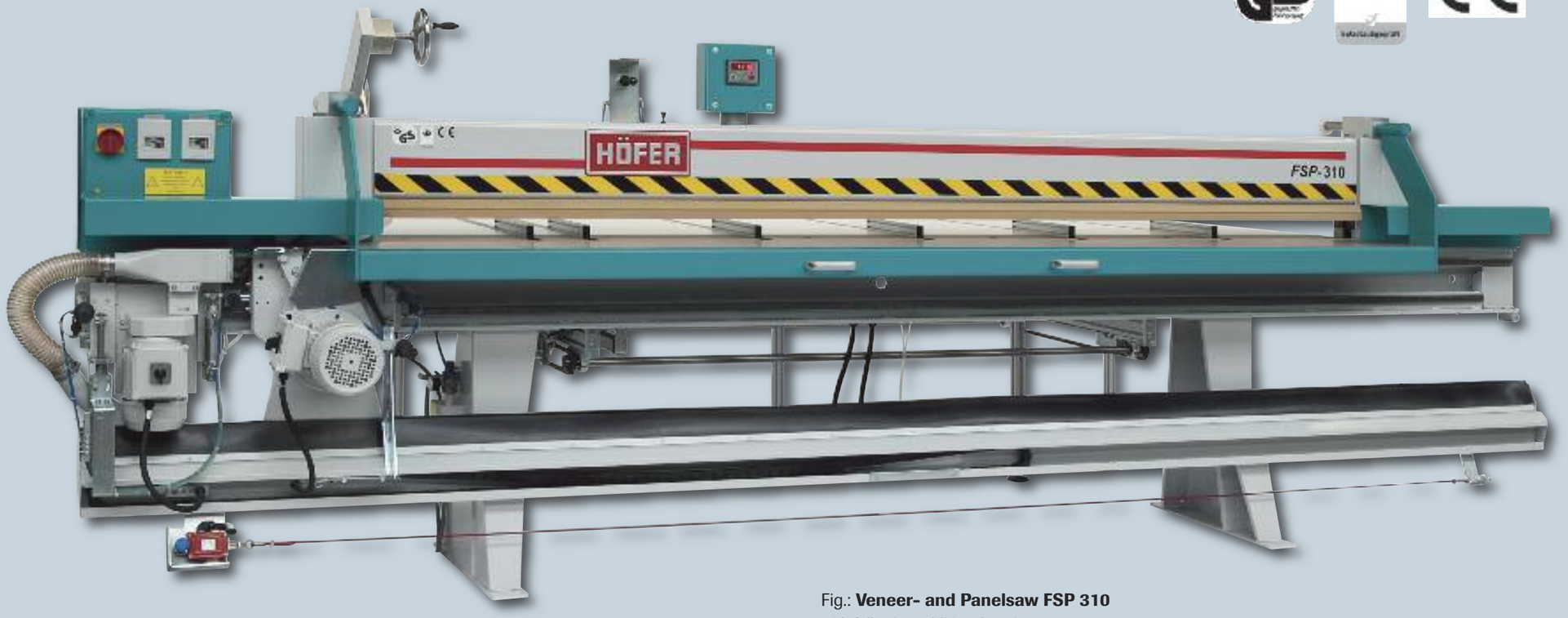

Fig.: **Veneer- and Panelsaw FSP 310**
with following additional equipment
- milling unit with chipping device
- manually adjustable front support table
- rear support table
- digital position-display with handwheel-adjustment

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OUR STRENGTH APPEARS
IN DETAILS

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Saw unit
The cutting height is infinitely variable. An infinitely, machanical sablade adjustment (0 - 2 mm) is already included.

Milling unit
Lifts and lowers pneumatically and runs on linear-guideways. The cutting and milling height is infinitely variable. So the tools have an optimal utilization (optional).

Front support table
For an easy handling of veneer stacks. Veneer offcuts remain on the table. The solid construction guarantees a long lasting efficient function (optinal).

Pressure beam
The solid pressure beam fixes the workpiece with a clamping force of approximately 1.000 kg (at 6 bar system pressure).

Guiding systems
All units and stops run in each case on two high-precision linear-guideways. This system enables highest cutting quality with long endurance and high reliability.

Construction
An extreme solid and warp resistant base construction is the basic requirement for durable and precise unit guidance.

Rear support table
The alignment depth can be set via handwheel (accuracy 0,1 mm) from 15 to 600/900 mm. Gauge referencing happens automatically (optional).

Rear support table
Complete lowered stops enable a quick and gentle manipulation of the workpieces (optional).

Central greasing points
Easy-to-reach central greasing points are main elements of efficient maintaince.

Sawblade adjustment
The sawblade can be adjusted mechanically for an optimal cutting performance.
Optional: pneumatically sawblade adjustment

Rear support table
The drive of the feeding fence is carried synchronally in order to ensure easy moves and precision even with excentric charges.
Easy maintaince of the linear guideways via central grease points.

Cable drag chain
The pneumatic and electric tubes are guided to the saw- and milling unit in a cable drag chain, which is protected against contamination.

Milling unit with **chipping unit device**
Easy disposal of the veneer overhang (up to 25 mm) in the milling mode is effected by the extraction system (optional).

Gear rack balance
A heavy duty gear rack balance shaft (Ø 60 - 70 mm) avoids a slanting position of the pressure beam when short workpieces are treated.

Miter square
For a precise cut of miters. Ledgers facilitate adjustment.

Tool center
All necessary tools for sawblade or milling cutter change are on one spot.

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