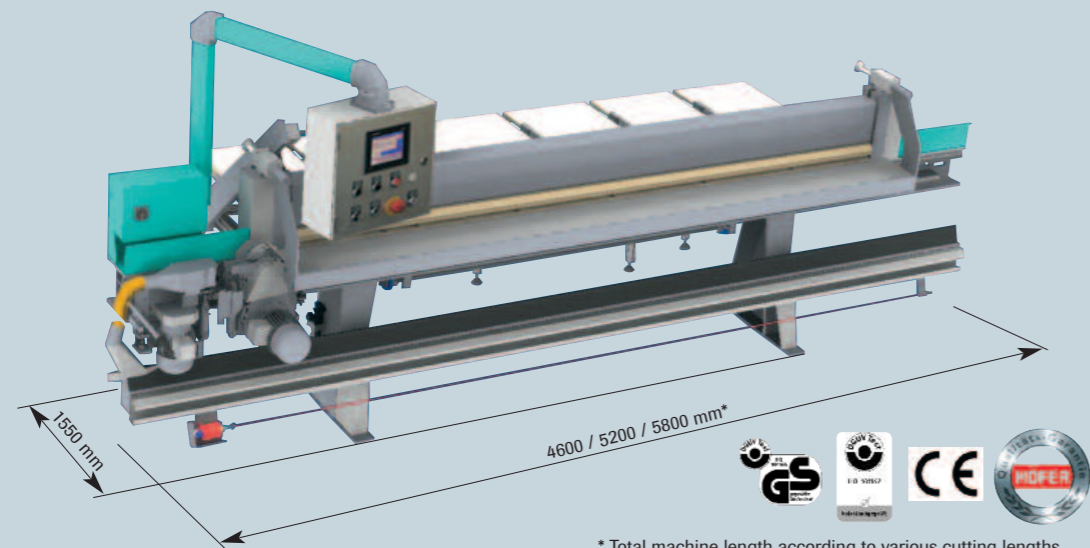


### Technical data:



\* Total machine length according to various cutting lengths

Standardmodel		FSP – V 310	FSP – V 370	FSP – V 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
Power – feed	[kW]	0,55	0,55	0,55
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
<b>Space requirements (l x w)</b>				
w/o rear support table	[mm]	4600 / 1100	5200 / 1100	5800 / 1100
with rear support table	[mm]	4600 / 1550	5200 / 1550	5800 / 1550
<b>Certificates</b>				
Declaration of conformity - <b>CE</b>		✓	✓	✓
EC-Type Test Certificate		✓	✓	✓
Dust-proof Certificate		✓	✓	✓
HÖFER Quality Certificate		✓	✓	✓

Note: Subjects to alteration

#### Standard equipment

- TCT-Sawblade Ø 180 mm
- Dust extraction channel Ø 120 mm
- Electromotoric powered feed
- Pneumatic sawblade adjustment 0 - 2 mm
- Swivel control console
- Maintenance unit - semiautomatic
- Aligner 90°
- Tools

#### Special equipment

- Milling unit with chipping device
- Rear support table
- digital position display with handwheel adjustment
- Pneumatically lowering parallel fence
- Miter angle for rear support table
- Front support table - pneumatically slideable
- Heavy-duty gear rack balance
- Flat joint laser light
- r.p.m. controller for saw-unit



## FSP-V

## VENEER- and PANELSAW

# COMPETENCE CONCERNING CUTS

## 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
- metal processing
- synthetic industries
- chemical industries etc.

HÖFER produces and assembles all machine components in their 10.000 m<sup>2</sup> state-of-the-art production facilities.



Quality from Austria 

## 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.

# FSP-V with electromotoric feed

## VENEER- and PANELSAW economical and efficient

**HÖFER**  
Presstechnik

### Overview

The sophisticated and field-proved 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-V offers a plenty of standardized details.

The base construction plus the pressure beam are extremely solid and warp resistant.

The operation unit contains a state-to-the-art touch-panel. All controls have an ergonomic design and are mounted on a swivelling console. 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, a DGUV Test Certificate respectively a EC-Type Test Certificate of the European notified body, Identification number 0392 and is dust-proofed.



Fig.: Veneer- and Panelsaw FSP-V 310

with following additional equipment

- milling unit with chipping device
- heavy duty gear rack balance on pressure beam
- pneumatic adjustable front support table
- rear support table
- feeding fence, double pneumatically lowering parallel fence
- digital position-display with handwheel-adjustment

# OUR STRENGTH APPEARS IN DETAILS



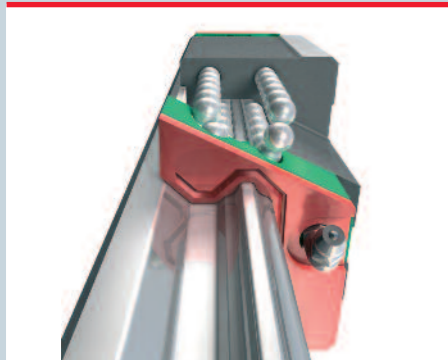
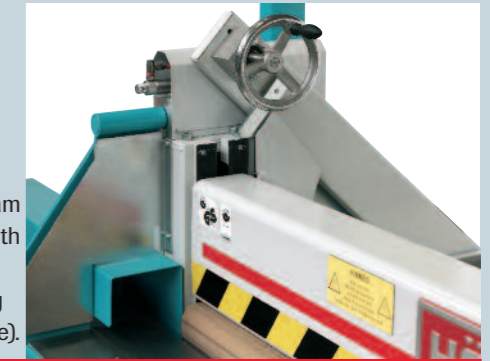
**Touchpanel**  
Color monitor with high resolution, choice of four operating modes, display for feeding fence position by handwheel resp. motoric drive.

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



**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.

**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.

**Saw- and 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.



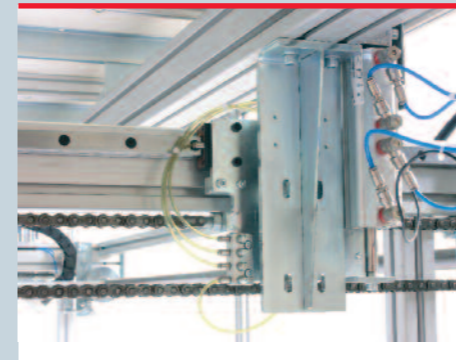
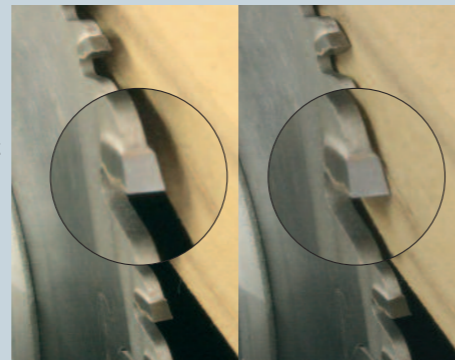
**Rear support table**  
The alignment depth can be set via handwheel (accuracy 0,1 mm) from 15 to 600/900 mm. Gauge referencing happens automatically.

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



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

**Sawblade adjustment**  
According to the operation mode, the sawblade adjusts itself automatically for an optimal cutting performance.



**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 maintenance of the linear guideways via central grease points.

**Laser**  
Flat joint laser beam – the best for trimming.



**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.

**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.

