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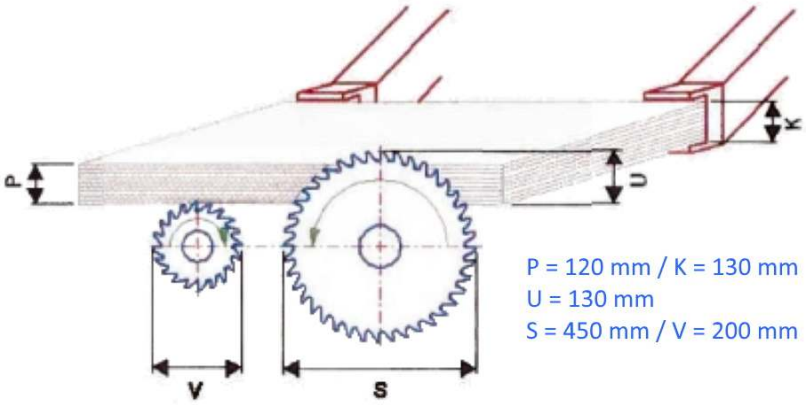
- subject to prior sale -

K01675
1 horizontal panel saw

brand:	**SCHELLING**
type:	FL-H 430/430
year	1996
overhaul in:	2017
	electric and control updated in 2017
usage:	since week 16 /2017, max. 3 days a week

cutting length		4,250 mm
stack height max.		120 mm
panel thickness min.		8 mm
saw blade -Dia max.		450 mm
power main saw		19 kW
scoring unit, sawblade – Dia max.		200 mm
feed speed saw carriage	forward	1 – 100 m/min

backward 100 m/min



stack height and feed speed of saw carriage are depending on quality and kind of material being cut.
Uneven panels might have an impact on proper function of air cushion table as well on turning table

Pusher fence, feed speed	forward	25 m/min
	backward	bis 65 m/min

details of the machine:
support rails for cutting length 430, width 4,100 mm, measured from cutting line
- with nondriven rollers made of polyamide – free wheeling

Angular alignment - length 2,200 mm – measured from cutting line
- rigid welded steel construction
- machine surfaced

guidance with infeed, twin track – guidance length approx. 5,350 mm, measured from cutting line

- hardened flat, precise guidance, both sided
- toothed rack, both-sided

Pusher fence

- toothed rack driven (servo drive)
- balanced shaft
- touchless measuring system

Clamps extended - 9 pcs

- automatic adjustment of clamping power depending on stack height (progressive clamping power)
- wide clamping fingers

Position of clamping units (twin fingers):
65 mm, 265 mm, 465 mm, 765mm,1,065 mm, 1,365mm, 1,965 mm, 2,865 mm, 3,765 mm

Central cleaning device of pusher fence

- cleaning of guidance tracks and rollers manually by push button

Machine body

- heavy steel construction
- flat guidance
- table precisely machine faced
- pedal for manually start of saw
- table lips

Sawing aggregate

- toothed rack driven

Main saw blade Dia 480 mm	not included
Shaft dia / inner boring:	D 30 mm
Sawblade thickness:	4,4/3,2 mm

- stellite
- for wood based panels

Scoring unit
- mechanical adjustment

Scoring sawbladet - Dia 200 mm not included
Shaft dia / inner boring: D 20 mm
Sawblade thickness: 4,4/5,4 mm
- stellite
- for wood based panels

Cutting length detection
- automatic detection of panel length via light sensor

Central cleaning device of machine
- cleaning of guidance tracks and rollers manually by push button

Pressure beam
- made of steel
- balanced shaft with toothed rack
- short stroke (OPTIONAL)
- adjustment of pneumatic pressure
- safety rail
- downstroke beam

Safety curtain
- by means of plastic lamellas

Angular aligner in front and behind of pressure beam
Suitable for panel width 80 – 2,200 mm
- automatic pre-adjustment to panel width
- alignment rollers separately lift up and down

Distance to sawing line: 1. aligner: 130 mm (in front)
2. aligner: 195 mm (in back)

turning table
Length 4,100 mm
width 2,100 mm
- plastic surface with ball valve nozzles
- titlable 90 degree, motor driven
- radial air fan

Safety fencing
- total height approx. 1,850mm

control: MCS Evolution
- PLS
- Soft-SPS - Siemens WinAC RTX
- master computer

Windows 7, in german
hardware
- PC, with keyboard and mouse
- 17" TFT monitor
- RAM 512 MB
- hard disk 40 GB
- CD-ROM disk
- USB interface

Compressed air:	6 bar
consumption:	approx.. 229 1/min at 1 bar
cosumption at standard pressure (1 bar):	approx. 1,6001/min
exhaust volume:	4.700 m^3/h
hoods:	
pressure beam:	1 x D 120 mm
chip channel:	1 x D 150 mm
angular alignment:	1 x D 120 mm
required air speed of exhaust:	32 m/s
required depression	2.000 Pascal
required electric power	approx. 35 kW
voltage:	400 V / 50 H
net:	TN-net

full in function at customer site, machine prompt

price on request

Further question? Give a call or send an E-Mail

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