

Family: PRODUCTION LINES	Code: 004954
SubFamily: Squaring/Edgebanding Lines	
Brand: HOMAG	
Model: PROFI KAR310/9 + ZHR541/R/155	



Position: 1	
Family: EDGEBANDING MACHINES	Code: 004897
SubFamily: Single Edgebanders	
Brand: HOMAG	
Model: PROFI KAR 310/9/A3/L/WZ	

Type of edging	Thin edge Thick edge
Gluing System	PUR Laser

Premilling Unit	yes
Corner Rounding Unit	yes
Grooving Unit	yes
Trimming Unit	yes
Max feed speed	32 m/min
Operating Units	10 nr
Min. panel height	8 mm
Max. panel height	60 mm
Min. edge thickness	0.3 mm
Max. edge thickness	3 mm
Max. forward feed speed	32 m/min
Top pressure	yes
Pressure with	rubber belt
Panel support guides	yes
with positioning by NC	yes
Infeed panel alignment system	yes
No. Panel Sizing / Milling units	1
NO. PANEL SIZING / MILLING UNITS 1 Unit : pre-milling unit automatic timed intervention : yes	
Edge coil magazine	yes
no. positions	6
Gluing system	yes
glue pot for PUR glue	yes
premelter forPUR glue	yes
laser	yes
Roller set to press the edge	yes
No. Edge Processing Units	8

NO. EDGE PROCESSING UNITS 1

Processing Unit : end trimming

Constructor model : PK 25

no. motors : 2

automatic timed intervention : yes

motor power : 0.8 KW

r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 2

Processing Unit : top and bottom rough trimming

Constructor model : BF 10

no. motors : 2

motor power : 1.5 KW

r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 3

Processing Unit : fine trimming to trim and round

Constructor model : MF 21

no. motors : 2

with positioning by NC : yes

NO. EDGE PROCESSING UNITS 4

Processing Unit : Corner rounding

Constructor model : FK 31

no. motors : 1

with positioning by NC : yes

NO. EDGE PROCESSING UNITS 5

Processing Unit : milling hogging

Constructor model : SF 21

no. motors : 1

with positioning by NC : yes

motor power : 4 KW

r.p.m. : 9000 RPM

NO. EDGE PROCESSING UNITS 6
Processing Unit : edge scraping
Constructor model : MN 21
with positioning by NC : yes

NO. EDGE PROCESSING UNITS 7
Processing Unit : glue scraping

NO. EDGE PROCESSING UNITS 8
Processing Unit : buffing
no. motors : 2

Spray unit yes

Control system PC 22

Safety standard CE mark yes

Position: 2

Family: AUTOMATION

Code:
004898

SubFamily: Panel Return Systems

Brand: LIGMATECH

Model: ZHR 541/R/155

Max. panel width 1200 mm

Min. panel length 240 mm

Max. panel length 3000 mm

Panel return for edgebander Right

Panel return for edgebander Right

Min. panel length 240 mm

Max. panel length 3000 mm

Min. panel width 120 mm

Max. panel width 1200 mm

Max. forward feed speed 36 m/min

Panel ejection	yes
by means of:	air jet bench
Panel forward feed	yes
by means of:	Motorised belt
Control system	POWER CONTROL FLEXLINE
Safety standard CE mark	yes