Family: EDGEBANDING MACHINES	Code: 004500
SubFamily: Single Edgebanders	
Brand: HOMAG	
Model: KAL 370 AMBITION 2492	



Type of edging	Thin edge Thick edge Solid wood
Gluing System	EVA Hotmelt Hot Air
Premilling Unit	yes
Corner Rounding Unit	yes
Max feed speed	25 m/min
Maximum panel thickness	60 mm
Operating Units	10 nr
Min. panel height	8 mm
Max. panel height	60 mm
Min. edge thickness	0.3 mm
Max. edge thickness	20 mm
Max. forward feed speed	25 m/min

Top pressure	yes
Pressure with	rubber belt
Panel support guides	yes
with positioning by NC	yes
Infeed panel alignment system	yes
Infeed panel alignment system	HPSE
No. Panel Sizing / Milling units	1
	NO. PANEL SIZING / MILLING UNITS 1 Unit : pre-milling unit Constructor model : S2 BASIC automatic timed intervention : yes motor power : 3 KW r.p.m. : 9000 RPM
Lamps to preheat the side of the panel	yes
Edge coil magazine	yes
no. positions	1
Gluing system	yes
glue pot for EVA hot melt glue	yes
premelter for EVA hot melt glue	yes
warm air	yes
warm air	AIRTEC
Roller set to press the edge	yes
no. pressure roller	7
with positioning by NC	yes
No. Edge Processing Units	8
	NO. EDGE PROCESSING UNITS 1 Processing Unit : end trimming Constructor model : PK 25 no. motors : 2 with positioning by NC : yes Max. machining speed : 25 m/min motor power : 0.8 KW r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 2
Processing Unit : top and bottom rough trimming
no. motors : 2
motor power : 1.5 KW
r.p.m. : 11400 RPM

NO. EDGE PROCESSING UNITS 3
Processing Unit : fine trimming to trim and round
no. motors : 2
with positioning by NC : yes
motor power : 0.4 KW
r.p.m. : 11000 RPM

NO. EDGE PROCESSING UNITS 4
Processing Unit : Corner rounding
Constructor model : FK30
no. motors : 1
with positioning by NC : yes
Max. machining speed : 30 m/min
motor power : 0.7 KW
r.p.m. : 15000 RPM

NO. EDGE PROCESSING UNITS 5
Processing Unit : belt sanding
Constructor model : KS 10
no. motors : 1
motor power : 2.2 KW
r.p.m. : 2900 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 Constructor model : FA20 BASIC with positioning by NC : yes NO. EDGE PROCESSING UNITS 8 Processing Unit : buffing no. motors : 2 motor power : 0.18 KW r.p.m. : 1350 RPM
Spray unit	yes
Control system	PC 23 POWERTOUCH
Machine programming software	WOODCOMMANDER
Safety standard CE mark	yes