

Family: PRODUCTION LINES

Code:
004131

SubFamily: Squaring and Edgebanding Line

Brand: STEFANI + MAHROS

Model: CVSPE 30.32 40.25



Position: 1

Family: AUTOMATION SYSTEMS

Code:
004125

SubFamily: Loader

Brand: MAHROS

Model: RUNNER CSL/D

Max. panel width 1300 mm

Max. panel length 3200 mm

Lifting capacity	100 Kg
Work capacity	13 /min
Movement system	suction cups.
Min. panel length	230 mm
Max. panel length	3200 mm
Min. panel width	210 mm
Max. panel width	1300 mm
Panel stack station	yes
no. stations	2
station	loading
Work capacity	13 /min
Lifting capacity	100 Kg
Panel stack infeed	yes
Panel stack infeed	with motorised roller table
Movement system with frame	yes
System	suction cups
no. suction cups	32
with opening adjustment by NC	yes
Vacuum pump	yes
no. pumps	1
single capacity	48 m3/h
Total installed power	8 Kw

Position: 2	
Family: EDGE BANDING - SQUARING	Code: 004126
SubFamily: Double Sided Combination Edgebander	
Brand: STEFANI	
Model: EVOLUTION SB 1-143	

Subfamily	Softforming
Type of edging	Thin edge Thick edge
Gluing System	EVA Hotmelt
Combination Squaring Edgebanding Machine	First Pass
Max Panel Width	1600 mm
Max feed speed	40 m/min
Min. panel height	12 mm
Max. panel height	60 mm
Max. panel width	1600 mm
Min. edge thickness	0.4 mm
Max. edge thickness	3 mm
Max. forward feed speed	40 m/min
Top pressure	yes
Pressure with	rubber belt
Panel support guides	yes
No. Panel Sizing / Milling units Right Side	5

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 1

Unit : scoring unit
 automatic timed intervention : yes
 motor power : 1.8 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 2

Unit : miller hogger
 with positioning by NC : yes
 motor power : 11.5 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 3

Unit : double chipper, top and bottom
 Constructor model : DT3
 with positioning by NC : yes
 motor power : 10.5 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 4

Unit : miller hogger
 Constructor model : MX80
 with positioning by NC : yes

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 5

Unit : miller hogger
 Constructor model : MX80
 with positioning by NC : yes

Same technical characteristics on the left side yes

Lamps to preheat the side of the panel yes

Edge coil magazine yes

no. positions 3

Gluing system yes

glue pot for hot melt glue yes

premelter for hot melt glue yes

Roller set to press the edge on softformed profiles yes

No. Edge Processing Units 8

NO. EDGE PROCESSING UNITS 1

Processing Unit : end trimming unit
 Constructor model : YU/SP
 no. motors : 2
 automatic timed intervention : yes
 Max. machining speed : 30 m/min
 motor power : 0.35 KW
 r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 2

Processing Unit : top and bottom rough trimming unit
 Constructor model : R
 no. motors : 2
 motor power : 1 KW
 r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 3

Processing Unit : fine trimming unit to trim and round
 Constructor model : RSU
 no. motors : 2
 with positioning by NC : yes
 motor power : 1 KW
 r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 4

Processing Unit : milling hogging unit
 no. motors : 1
 with positioning by NC : yes
 automatic timed intervention : yes

NO. EDGE PROCESSING UNITS 5

Processing Unit : milling hogging unit
 no. motors : 1
 with positioning by NC : yes
 automatic timed intervention : yes

NO. EDGE PROCESSING UNITS 6

Processing Unit : edge scraping unit
 Constructor model : RCS

NO. EDGE PROCESSING UNITS 7

Processing Unit : glue scraping unit
 Constructor model : RCA 2C

NO. EDGE PROCESSING UNITS 8

Processing Unit : belt sanding unit
 no. motors : 1

Units fitted on overtables	yes
Control system	WINEDGE

Position: 3

Family: AUTOMATION SYSTEMS

Code:
004127

SubFamily: Piece Turner

Brand: MAHROS

Model: GP - DC

Max. panel width	1200 mm
Min. panel length	260 mm
Max. panel length	3200 mm
Rotation system	double cone
Rotation direction	from long to transverse
Min. panel length	260 mm
Max. panel length	3200 mm
Min. panel width	210 mm
Max. panel width	1200 mm
Panel rotation direction	yes
direction:	from long to transverse
and	with double cone

Position: 4

Family: EDGE BANDING - SQUARING

Code:
004128

SubFamily: Double Sided Combination Edgebander

Brand: STEFANI

Model: EVOLUTION SB 2-143

Subfamily	Softforming
Type of edging	Thin edge Thick edge
Gluing System	EVA Hotmelt
Corner Rounding Unit	yes

Combination Squaring Edgebanding Machine First and Second Pass

Max Panel Width	3200 mm
Max feed speed	40 m/min
Min. panel height	10 mm
Max. panel height	60 mm
Max. panel width	3200 mm
Min. edge thickness	0.4 mm
Max. edge thickness	3 mm
Max. forward feed speed	40 m/min
Belt with Dogs	yes
Distance between dogs	300 mm
Top pressure	yes
Pressure with	rubber belt
Panel support guides	yes
No. Panel Sizing / Milling units Right Side	5

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 1

Unit : scoring unit
 automatic timed intervention : yes
 motor power : 1.8 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 2

Unit : miller hogger
 with positioning by NC : yes
 motor power : 11.5 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 3

Unit : double chipper, top and bottom
 automatic timed intervention : yes
 with positioning by NC : yes
 motor power : 10 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 4

Unit : miller hogger
 Constructor model : MX80
 automatic timed intervention : yes
 with positioning by NC : yes
 motor power : 8.5 KW
 r.p.m. : 6000 RPM

NO. PANEL SIZING / MILLING UNITS RIGHT SIDE 5

Unit : miller hogger
 Constructor model : MX80
 automatic timed intervention : yes
 with positioning by NC : yes
 motor power : 8.5 KW
 r.p.m. : 6000 RPM

Same technical characteristics on the left side yes

Lamps to preheat the side of the panel yes

Edge coil magazine yes

no. positions 3

Gluing system yes

glue pot for hot melt glue yes

premelter for hot melt glue yes

Roller set to press the edge yes

no. pressure roller 7

with positioning by NC yes

No. Edge Processing Units 9

NO. EDGE PROCESSING UNITS 1

Processing Unit : end trimming unit
 Constructor model : YU/SP
 no. motors : 2
 automatic timed intervention : yes
 Max. machining speed : 30 m/min
 motor power : 0.35 KW
 r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 2

Processing Unit : top and bottom rough trimming unit
Constructor model : R
no. motors : 2
motor power : 1 KW
r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 3

Processing Unit : fine trimming unit to trim and round
Constructor model : RSU
no. motors : 2
with positioning by NC : yes
motor power : 1 KW
r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 4

Processing Unit : Corner rounding unit
Constructor model : C1C2
no. motors : 4
automatic timed intervention : yes
motor power : 0.35 KW
r.p.m. : 12000 RPM

NO. EDGE PROCESSING UNITS 5

Processing Unit : milling hogging unit
Constructor model : MX80
no. motors : 1
with positioning by NC : yes
automatic timed intervention : yes

NO. EDGE PROCESSING UNITS 6

Processing Unit : milling hogging unit
Constructor model : MX80
no. motors : 1
with positioning by NC : yes
automatic timed intervention : yes

NO. EDGE PROCESSING UNITS 7
 Processing Unit : edge scraping unit
 Constructor model : RCS

NO. EDGE PROCESSING UNITS 8
 Processing Unit : glue scraping unit
 Constructor model : RCA 2C

NO. EDGE PROCESSING UNITS 9
 Processing Unit : belt sanding unit
 no. motors : 1

Units fitted on overtables	yes
Control system	WINEDGE
Total installed power	115 KW

Position: 5

Family: AUTOMATION SYSTEMS

Code:
004129

SubFamily: Piece Turner

Brand: MAHROS

Model: GP - DC

Max. panel width	1200 mm
Min. panel length	260 mm
Max. panel length	3200 mm
Rotation system	double cone
Rotation direction	from transverse to long
Min. panel length	260 mm
Max. panel length	3200 mm
Min. panel width	210 mm

Max. panel width	1200 mm
Panel rotation direction	yes
direction:	from transverse to long
and	with double cone

Position: 6

Family: AUTOMATION SYSTEMS

Code:
004130

SubFamily: Stacker

Brand: MAHROS

Model: RUNNER SS/D

Max. panel width	1300 mm
Max. panel length	3200 mm
Lifting capacity	100 Kg
Work capacity	13 /min
Movement system	suction cups.
Min. panel length	230 mm
Max. panel length	3200 mm
Min. panel width	210 mm
Max. panel width	1300 mm
Panel stack station	yes
no. stations	2
station	unloading
Work capacity	13 /min
Lifting capacity	100 Kg
Movement system with frame	yes
System	suction cups

no. suction cups	34
with opening adjustment by NC	yes
Vacuum pump	yes
no. pumps	1
single capacity	48 m3/h
Total installed power	8 Kw
