

LOHMEYER

SMART · WOOD · WORKING

Cutting



Machines for panel processing

Drilling & Routing



Edge banding



Handling



Wood IQ is your smart choice

A good foundation means everything

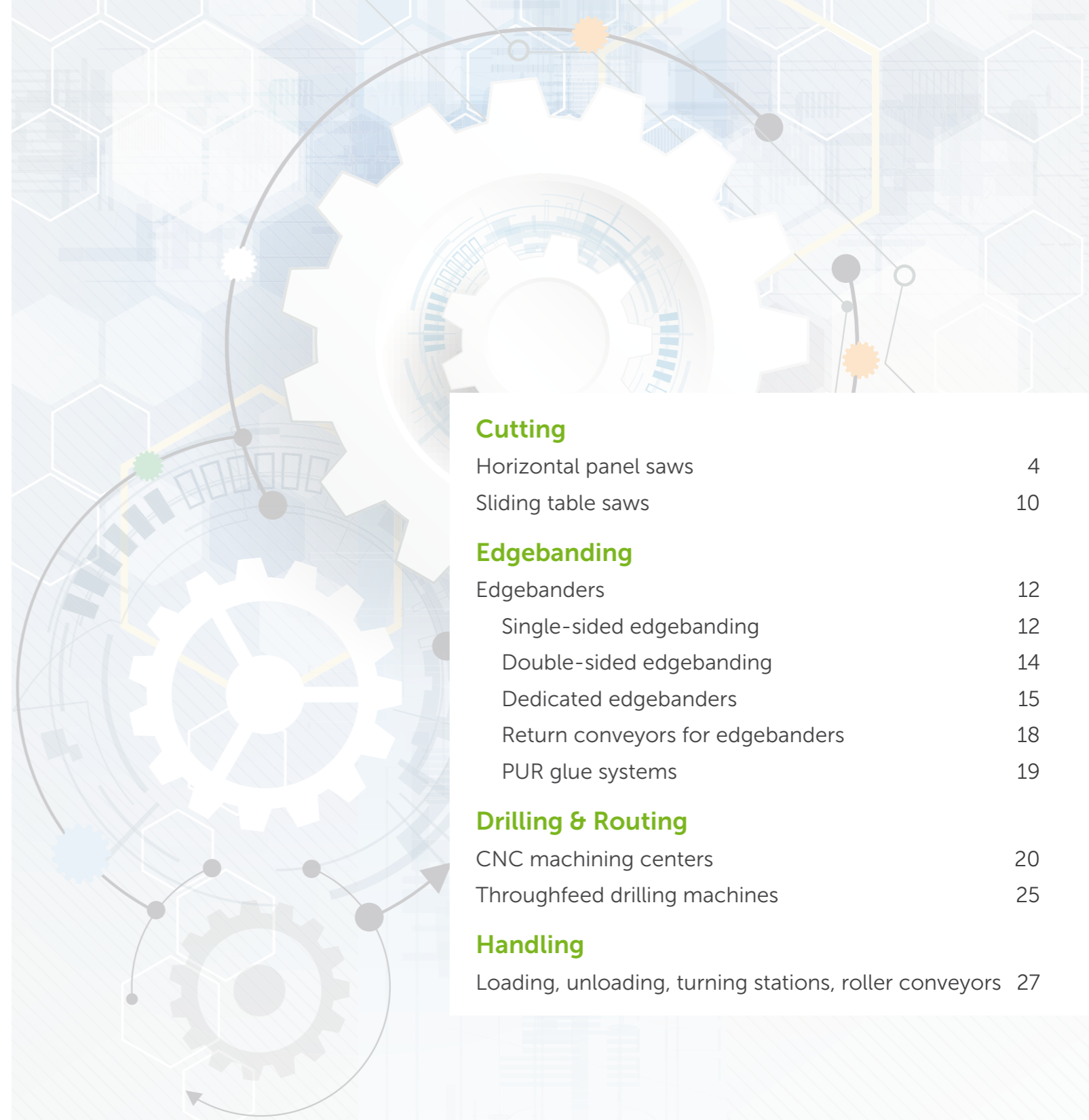


We are Lohmeyer

Lohmeyer Smart Wood Working: World-class machinery from China backed by a European team of service and support specialists and extensive inventory of ready-to-ship parts.

Our smart product lines which combine proven quality with a price-performance ratio is unmatched. This is possible due to an intelligent combination of different components. Experienced German and Chinese engineers consistently implement European technology standards in machine technology. The machines are produced by our partner Nanxing, the leading manufacturer of panel processing machines in China, in one of the state-of-the-art production facilities for woodworking machines.

Our European service network and the central spare parts supply from Tauberbischofsheim in Germany ensure the high availability of our machines and systems as well as technical support at any time. This is how all the gears fit together for your success!



Cutting

Horizontal panel saws	4
Sliding table saws	10

Edgebanding

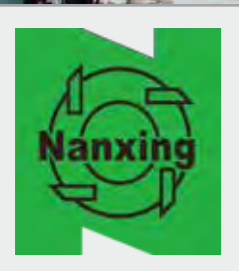
Edgebanders	12
Single-sided edgebanding	12
Double-sided edgebanding	14
Dedicated edgebanders	15
Return conveyors for edgebanders	18
PUR glue systems	19

Drilling & Routing

CNC machining centers	20
Throughfeed drilling machines	25

Handling

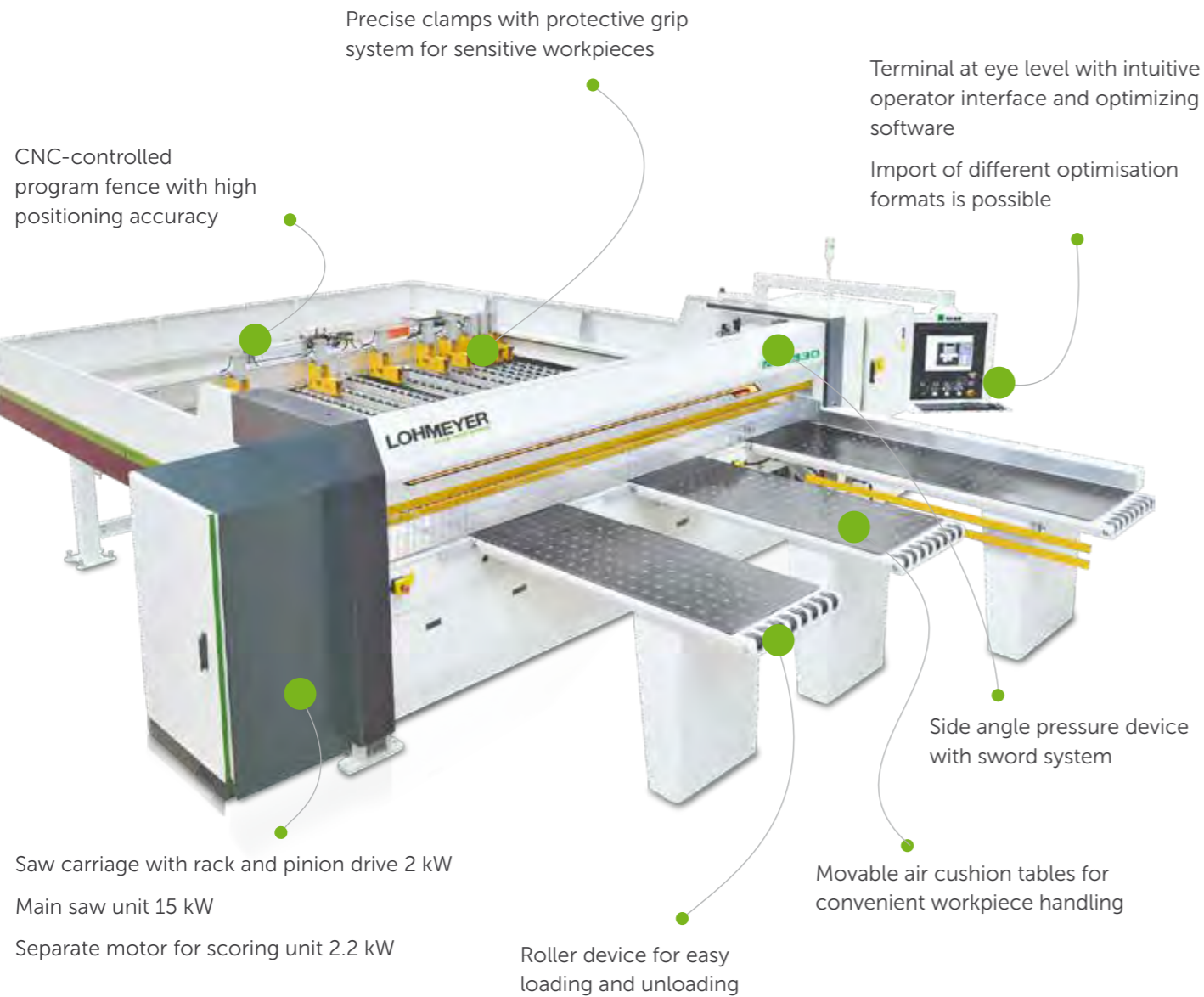
Loading, unloading, turning stations, roller conveyors	27
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LOHMEYER
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Horizontal panel saws NPC 330 • NPC 380 • NPC 440

Cutting patterns for panel books up to 90 mm

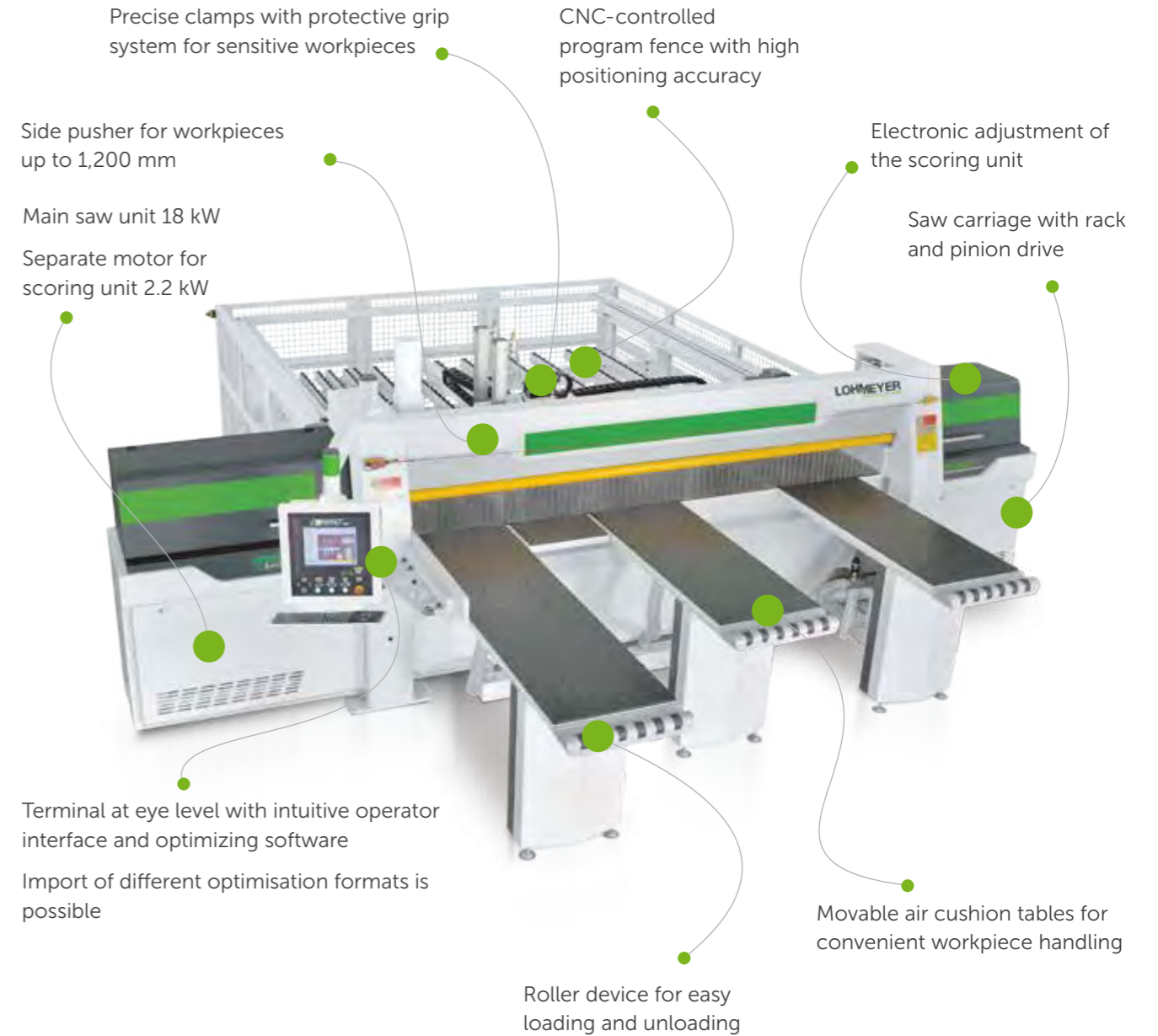


- Pressure beam opens sensor-controlled depending on the book height
- Sensor-controlled saw blade height in relation to the book height
- Electronic alignment of the scoring unit



Horizontal panel saws NP 330 HG • NP 380 HG

Optimized cutting patterns for panel books up to 120 mm



- Pressure beam opens sensor-controlled depending on the book height
- Sensor-controlled saw blade height in relation to the book height

LOHMEYER		06.05.2019	
Project:	Meyer-tall cabinet		
Length:	562	512.5	NONE
Width:	512.5	562	NONE
Thickness:	19	512.5	NONE
Material:	white19		
Product:	shelf	[4]	

Barcode printer

Horizontal panel saws NPL 330 HG • NPL 380 HG

Optimized cutting patterns with automatic loading



Automatic loading (left/right/rear)



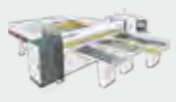
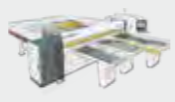
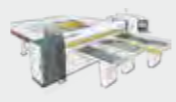
- Saw carriage with rack and pinion drive
- Electronic adjustment of the scoring unit
- Main saw motor 18 kW
- Separate motor for scoring unit 2.2 kW

LOHMEYER		06.05.2019	
Project:	Meyer-tall cabinet		
Length:	562	512.5	NONE
Width:	512.5	NONE	512.5
Thickness:	19	512.5	NONE
Material:	white19		
Product:	shelf	[4]	

Barcode printer

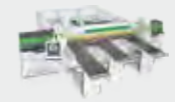



Lohmeyer series NPC 3

Facts & figures in a nut shell

	 NPC 330	 NPC 380	 NPC 440
Cutting length	3,300 mm	3,800 mm	4,400 mm
Cutting width	3,300 mm	3,800 mm	4,400 mm
Saw blade projection (above workpiece support)	105 mm		
Main saw	saw blade	380 x 60 mm	
	speed	3,910 rpm	
	motor	15 kW	
Scoring saw	saw blade	200 x 45 mm	
	speed	4,300 rpm	
	motor	2.2 kW	
Saw carriage	motor	2 kW (AC servo motor) electronically controlled • steplessly adjustable	
	feed rate	8 - 85 m/min	
	backward speed	max. 120 m/min	
Angle pressing device	travelling on the saw carriage		
Air cushion table	3 x 1,690 x 620 mm	4 x 1,690 x 620 mm	
Compressed air	7 bar		
Extraction	3 x 150 mm • 28 m/min		
Working height	960 mm		
Power supply	400 V, 50 Hz		
Total connected load	21.5 kW		
Terminal at eye level	15" TFT display • tiltable		
Set-up dimensions	6,900 x 5,495 x 1,830 mm	7,400 x 5,995 x 1,810 mm	8,000 x 6,595 x 1,810 mm
Weight	5,300 kg	7,500 kg	8,200 kg

Lohmeyer series NP 3 HG • NPL 3 HG

Facts & figures in a nut shell

	 NP 330 HG	 NP 380 HG	 NPL 330 HG	 NPL 380 HG
Cutting length	3,300 mm	3,800 mm	3,300 mm	3,800 mm
Cutting width	3,300 mm	3,800 mm	3,300 mm	3,800 mm
Lift table width	-		2,500 mm	
Max. stacking height without pit	-		1,200 mm	
Max. stacking weight	-		5,000 kg	
Saw blade projection (above workpiece support)	130 mm			
Main saw	saw blade	450 x 60 mm		
	speed	3,910 rpm		
	motor	18 kW		
Scoring saw	saw blade	180 x 45 mm		
	speed	4,150 rpm		
	motor	2.2 kW		
Saw carriage	motor	1.5 kW (AC servo motor) electronically controlled • steplessly adjustable		
	feed rate	8-85 m/min		
	backward speed	120 m/min		
Angle pressing device	NC controlled • up to 120 mm			
Air cushion table	1 x 1,900 x 620 mm 2 x 1,690 x 620 mm	4 x 1,900 x 620 mm	1 x 1,900 x 620 mm 2 x 1,690 x 620 mm	4 x 1,900 x 620 mm
Working height	960 mm			
Power supply	400 V, 50 Hz			
Total connected load	27.6 kW		40 kW	
Terminal at eye level	15" TFT display • tiltable			
Set-up dimensions	6,935 x 6,170 x 2,020 mm	7,435 x 6,670 x 2,020 mm	9,200 x 9,085 x 2,020 mm	9,585 x 9,200 x 2,020 mm
Weight	6,000 kg	6,900 kg	10,500 kg	13,500 kg

Sliding table saw FKS 355 IQ

Something a little more



- Electrical height adjustment of the saw blade
- Electrical tilting of the saw blade 0-45°
- Max. saw blade height 105 mm with a 350 mm saw blade
- Max. saw blade height 115 mm with a 400 mm saw blade (without saw blade in the scoring unit)



Sliding table saws FKS 3 IQ

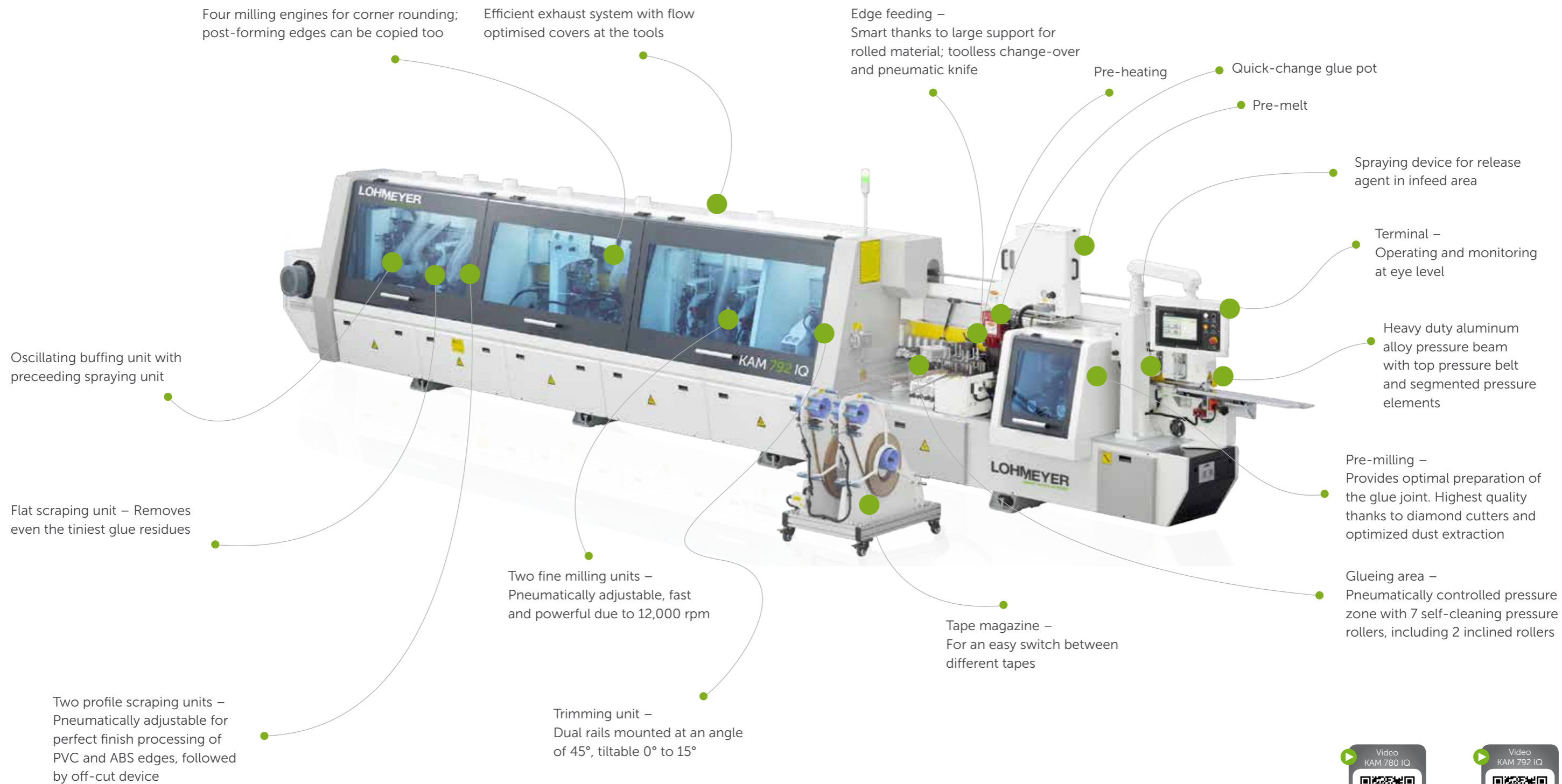
Efficient and precise cutting



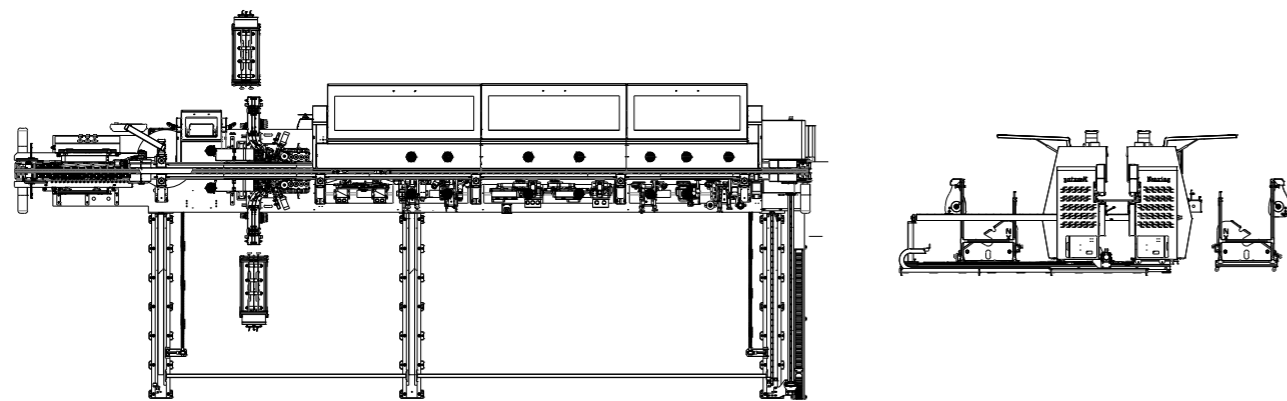
		FKS 320 IQ	FKS 355 IQ
Main saw	saw blade diameter	max. 350 mm / without scoring 400 mm	
	saw blade height	max. 105 mm / without scoring 115 mm	
	saw blade height at 45°	max. 70 mm	
	speed	5,200 / 3,800 rpm • manually adjustable	
	motor	5.5 kW	
Scoring saw	saw blade diameter	120 mm	
	speed	9,000 rpm	
	motor	1.1 kW	
	adjustment	electrical height adjustment • manual side adjustment	
Sliding table length	3,200 mm		
Cutting length	3,100 mm / without scoring 3,200 mm		
Power supply	400 V • 50 Hz		
Saw aggregate	angle adjustment	manually	electrically
	height adjustment	electrically	electrically
Eye level controller terminal	-		✓
Single-sided mitre fence	to slide on the sliding table		
Cross cut fence	up to 3,200 mm		
Rip fence	up to 1,200 mm	up to 1,305 mm electrically movable data input through eye level terminal	
Layout	3,300 x 3,370 x 1,200 mm	3,300 x 3,430 x 1,670 mm	

Single-sided edgebanding - KAM 792 IQ

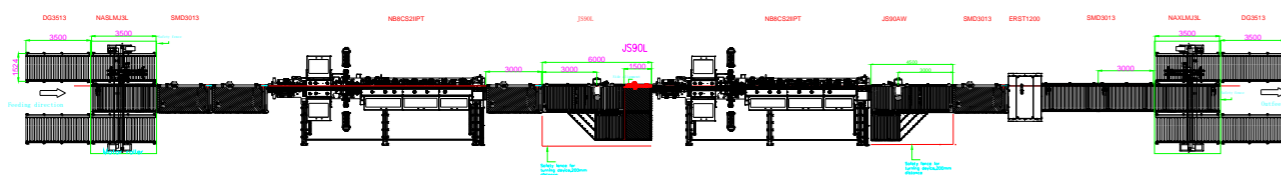
Full equipment is standard



Double-sided edgebanding - NB7CS2IIP

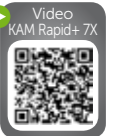
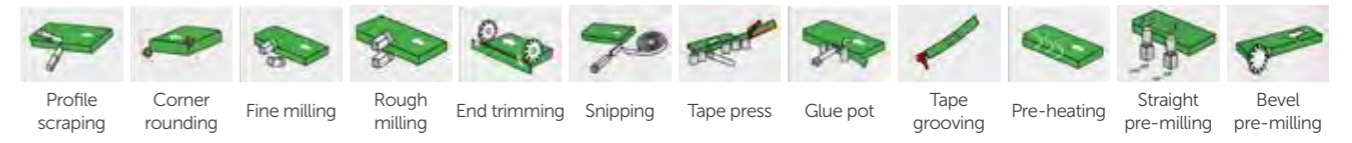


Four-sided edgebanding line



Narrow parts? Beveled edges? Profiled edges? Here is our solution:

Edgebander for inclined edges **KAM Rapid+ 7X**



Edgebander for narrow parts **KAM 782 IQ**



Edgebander for softforming **NB875E**




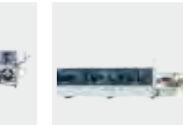



Single-sided edgebanders

Perfect edges for any cabinet

					
	KAM 780 IQ	KAM 780 S IQ	KAM 790 IQ	KAM 792 IQ	KAM 795 IQ
Pre-milling unit	pneumatic control · CW and CCW turning · 2 x 3,7 kW · 12,000 rpm				
Edge band magazine	endless and strip material		2 tapes changing system (optional 4 tapes)	4 tapes changing system	8 tapes changing system
Glue station	pre-heat · EVA glue from beneath extended pressure zone		pre-heat pre-melt	pre-heat pre-melt	pre-heat 2 glue stations: pre-melt & glue pot from beneath
Pressure zone	5 roller pressure zone, one cylinder driven			7 roller pressure zone, one cylinder driven	5 roller pressure zone, one cylinder driven
Trimming unit	manually tiltable 0-15° 2 x 0,37 kW · 12,000 rpm		double unit	manual adjustment at 45° angle 2 x 0,37 kW 12,000 rpm	manually tiltable 0-15° 2 x 0,37 kW 12,000 rpm
Rough milling unit	2 x 1,1 kW 12,000 rpm		2 x 0,75 kW 12,000 rpm manual angle adjustment 0-5°	-	-
Fine milling unit	2 x 0,55 kW · 12,000 rpm		2 fine milling units for various radii		
Corner rounding unit	2 x 0,3 kW · 18,000 rpm		4 x 0,3 kW · 12,000 rpm	4 x 0,3 kW 18,000 rpm	
Profile scraping unit	✓	✓	✓	2 profile scrapers for various radii	
Flat scraping unit	✓	✓	✓	✓	✓
Buffing unit	0,25 kW · 1.325 rpm		oscillating	2 x 0,37 kW	
Spraying unit	in front of pre-milling · in front of buffing				
Feed rate	3 kW · 12-22 m/min · stepless		max. 26 m/min · corner rounding max. 22 m/min distance between workpieces 650 mm		
Set-up dimensions	7,700 x 1,450 x 1,650 mm	8,300 x 1,450 x 1,650 mm	9,800 x 1,450 x 1,650 mm	10,200 x 1,450 x 1,650 mm	10,970 x 1,450 x 1,650 mm
Weight	2,460 kg	2,650 kg	5,700 kg	5,450 kg	5,600 kg

Edgebanders for special challenges

					
	NB7CS2IIP double-sided	NB8CS2IPT double-sided	KAM Rapid+ 7X inclined edges	KAM 782 IQ narrow parts	NB875E softforming
Hogging unit	✓	✓	-	-	-
Pre-milling unit	pneumatic control 2 x 3,7 kW 12,000 rpm	pneumatic control 2 x 3,7 kW 9,000 rpm	inclined edges 2 x 4,0 kW straight edges 2 x 3,7 kW	pneumatic control 2 x 3,7 kW 9,000 rpm	for profiled and straight edges
Pre-heating	✓	✓	✓	✓	✓
Pre-melting	✓	✓	-	-	✓
Edge band magazine	2 tapes changing system		2 tapes changing system with edge grooving	2 feeding tables	2 tapes changing system with edge grooving
Pressure zone	5 roller pressure zone, one cylinder driven		pressure zones for inclined and straight edges	5 roller pressure zone, one cylinder driven	softforming pressure zone
Trimming unit	manually tiltable 0-15° 2 x 0,37 kW · 12,000 rpm		2 x 0,35 kW 12,000 rpm	manually tiltable 0-15° · 2 x 0,37 kW 12,000 rpm	✓
Rough milling unit	2 x 0,75 kW · 12,000 rpm			-	✓
Fine milling unit	2 x 1,1 kW 12,000 rpm	2 x 0,55 kW 12,000 rpm	2 x 0,75 kW 12,000 rpm	2 x 0,55 kW 12,000 rpm	✓
Corner rounding unit	4 x 0,3 kW · 12,000 rpm		2 x 0,3 kW · 12,000 rpm		✓
Profile scraping unit	✓	✓ 2 positions	✓	double unit	✓
Flat scraping unit	✓	✓	✓	✓	✓
Buffing unit	oscillating	✓	✓	✓	✓
Grooving unit	✓ bottom	✓ top	-	-	-
Spraying unit	in front of pre-milling · in front of buffing				
Feed rate	12-22 m/min stepless · 3 kW	16-20 m/min	14-18 m/min	16/18/20 m/min	12-20 m/min · softforming 12-14 m/min
Set-up dimensions	10,500 x 4,400 x 1,950 mm	12,000 x 4,400 x 1,950 mm	9,800 x 1,970 x 1,650 mm	9,800 x 1,450 x 1,650 mm	9,950 x 1,940 x 1,780 mm
Weight	13,100 kg	13,800 kg	3,900 kg	3,670 kg	5,000 kg

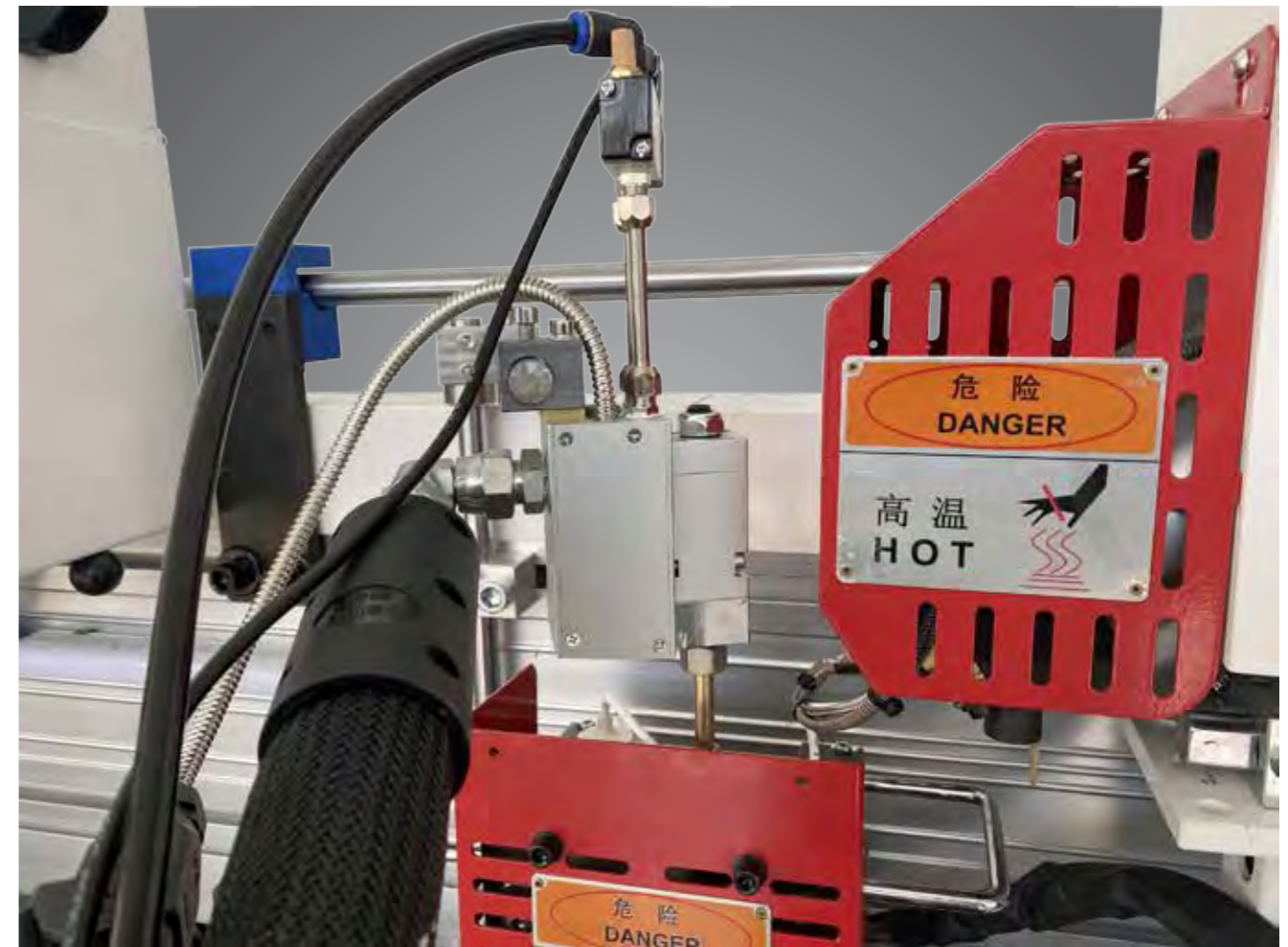
Return conveyors for edgbanding machines



Roller conveyors and transfer devices

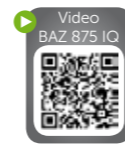


PUR glue systems



CNC machining center BAZ 875 IQ

The all-rounder for interior construction



Travelling distance / positioning speed

- X axis: 3,500 mm 80 m/min
- Y axis: 1,500 mm 80 m/min
- Z axis: 250 mm 20 m/min
- C axis for housing further aggregates (option)

Table configuration

- 6 aluminum benches (4 benches with panel lifting device, 1,250 mm long)
- integrated chip conveyor belt
- hold down device for narrow pieces (optional)
- LED positioning system (optional)

Stop system

- 6 rear stops, moveable with support
- 6 stops front/centre, moveable with support
- 2 side stops
- 24 suction cups in three different dimensions, each 50 mm high

Servo driven tool changer with 8 positions

- HSK 63 F tool interface
- HSD spindle 12 kW, 18,000/24,000 rpm
- touch probe for tool length measurement
- digital AC servo motors - designed for mounting various equipment options

Drilling block configuration

- 14 individually selectable vertical spindles (8 in X axis / 6 in Y axis, 32 mm grid)
- 8 horizontal drilling spindles Ø 8 mm
 - 2 + 2 in X direction
 - 2 + 2 in Y direction
- integrated grooving saw 1.7 kW, 4,000 rpm
- separate digitally driven Z axis
- routing and drilling in separate Z axes



The series BAZ 89Xn IQ

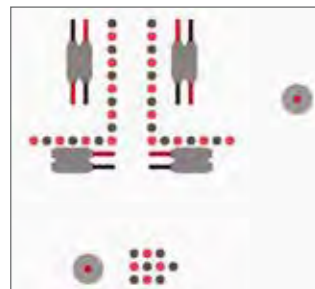
Nesting lines



		BAZ 890n IQ	BAZ 891n IQ	BAZ 892n IQ	BAZ 895n IQ
Working range	X axis	2,500 mm	3,000 mm	3,000 mm	4,000 mm
	Y axis	1,250 mm	1,600 mm	2,100 mm	2,100 mm
		workpiece thickness			
		max. 30 mm			
Max. travel speeds	X axis	50 m/min			
	Y axis	50 m/min			
	Z axis	20 m/min			
Main router spindle	amount	1			
	speed	24,000 rpm			
	power	12 kW			
	tool interface	HSK-63F			
	collet	ER32			
Automatic tool changer	amount of tools	tool magazine with 8 positions			
	control	servo			
Drilling block	vertical drills	10			
	max. drill diameter	35 mm			
	power	1.7 kW			
	speed	4,000 rpm			
Vacuum pump	power	2 x 5.5 kW		2 x 7.5 kW	
	suction flow rate	2 x 160 m³/h			
	suction pressure	0.8 kg/cm²			
	cooling	air cooling			
Dust extraction	pipe diameter	1 x 200 mm, 3 x 125 mm			
Compressed air	required air pressure	7 bar			
Power supply	power	26 kW/68A	31.4 kW/68A		35 kW/68A
	frequency	400 V, 3 phases, 50 Hz			
Machine dimensions	length x width *	10,000 x 3,500 mm	12,850 x 4,500 mm	12,850 x 5,000 mm	15,850 x 5,000 mm
	height	2,600 mm			
	weight	6,000 kg	7,600 kg	8,160 kg	9,000 kg

* Note: plus safety devices depending on local conditions

6-sided CNC drilling center NCB612D



		NCB612D	NCB612DT
Workpiece dimensions	length	250-2,400 mm	
	width	50-1,200 mm	
	height	10-50 mm	
Work table	dimensions	1,350 x 688 mm	
	height	960 mm	
Processing dimensions	X axis	2,400 mm	
	Y axis	1,200 mm	
	Z axis	70 mm	
Max. travel speeds	X/U axis	135 m/min	
	Y axis	75 m/min	
	Z axis	30 m/min	
Main spindle	power	2 x 3.5 kW	1 x 3.5 kW bottom / 1 x 5.5 kW top
	collet chuck	2 x ER25	ER25 / SK30
	speed	max. 18,000 rpm	
Drilling block	amount	2 upper units, 1 lower unit	
	vertical drills	16 x 2 top, 10 bottom	
	horizontal drills (upper unit)	X 4 x 2, Y 2 x 2	
	max. drill diameter	35 mm	
	drill grid	32 mm	
	speed	4,000 rpm	
	drill diameter	10 mm	
Tool changer		-	linear with 4 positions
Compressed air	required air pressure	7 bar	
Dust extraction	pipe diameter	bottom: 125 mm x 1 top: 150 mm x 2	
Power supply	power	21.93 kW	27.1 kW
	voltage	400 V, 3 phases, 50 Hz	
Machine dimensions	space requirement*	5,700 x 2,990 x 2,300 mm	5,700 x 2,990 x 2,300 mm
	weight	3,750 kg	3,850 kg

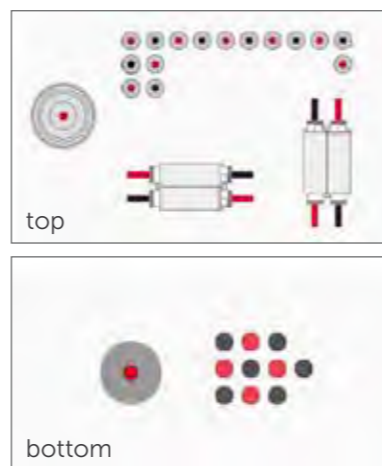
* Note: plus safety devices depending on local conditions

		NCB612DL	NCB612DP
Workpiece dimensions	length	250-2,400 mm	
	width	80-1,200 mm	30-1,200 mm
	height	10-50 mm	
Work table	dimensions	1,350 x 688 mm	
	height	960 mm	
Processing dimensions	X axis	2,400 mm	
	Y axis	1,200 mm	
	Z axis	70 mm	
Max. travel speeds	X/U axis	135 m/min	
	Y axis	75 m/min	
	Z axis	30 m/min	
Main spindle	power	2 x 3.5 kW	4 x 3.5 kW
	collet chuck	2 x ER25	4 x ER25
	speed	max. 18,000 rpm	
Drilling block	amount	2 upper units, 1 lower unit	2 upper units, 2 lower units
	vertical drills	16 x 2 top, 10 bottom	16 x 2 top, 10 x 2 bottom
	horizontal drills (upper unit)	X 4 x 2, Y 2 x 2	
	max. drill diameter	35 mm	
	drill grid	32 mm	
	speed	4,000 rpm	
	drill diameter	10 mm	
Tool changer		-	
Compressed air	required air pressure	7 bar	
Dust extraction	pipe diameter	bottom: 125 mm x 1 top: 150 mm x 2	bottom: 125 mm x 2 top: 150 mm x 2
Power supply	power	24.6 kW	34.4 kW
	voltage	400 V, 3 phases, 50 Hz	
Machine dimensions	space requirement*	6,800 x 2,860 x 2,300 mm	5,700 x 3,850 x 2,300 mm
	weight	4,470 kg	6,300 kg

* Note: plus safety devices depending on local conditions

6-sided CNC drilling and routing centre NCB2412S

Drilling, routing, grooving in one set-up



Workpiece dimensions	length	250-2,400 mm
	width	30-1,200 mm
	height	8-50 mm
Work table	type	HPL+steel
	dimensions	2,150 x 600 mm
	height	960 mm
Max. travel speeds	X axis	135 m/min
	Y axis	75 m/min
	U axis	135 m/min
	Z axis	30 m/min
Main spindle	power	1 x 3.5 kW
	collet chuck	ER25
	speed	max. 18,000 rpm
Drilling block	amount	1 upper unit, 1 lower unit
	vertical drills	15 top, 10 bottom
	horizontal drills (upper unit)	8 (X 2 x 2, Y 2 x 2)
	max. drill diameter	35 mm
	drill grid	32 mm
	speed	4,000 rpm
Compressed air	required air pressure	7 bar
	pipe diameter	bottom: 125 mm x 1, top: 150 mm x 1
Air blower	power	1.1 kW
Power supply	power	18 kW
	voltage	400 V, 3 phases, 50 Hz
Machine dimensions	space requirement	5,602 x 2,287 x 2,043 mm
	weight	3,500 kg

* Note: plus safety devices depending on local conditions

CNC throughfeed drilling machine N2508

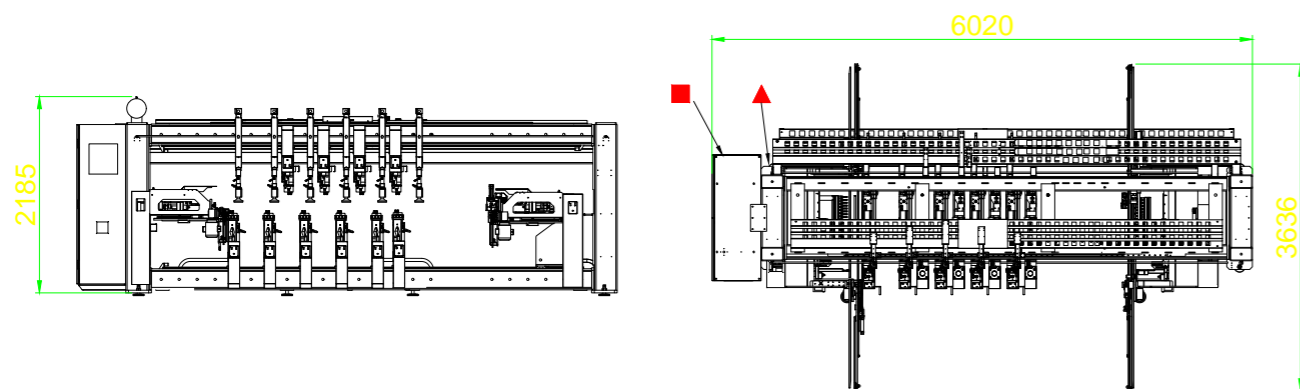
Industrial drilling lot size 1



Workpiece dimensions	length (double work station)	250 - 2,500 mm (2 x 250 - 2 x 1,300 mm)
	width	120 - 800 mm
	height	12 - 50 mm
Max. travel speeds	X axis	80 m/min
	Y axis	80 m/min
	Z axis	20 m/min
Drilling block	vertical drills	21 x 4
	horizontal drills	X=3 x 4, Y=2 x 2
Vacuum pump	power	5.5 kW
	suction flow rate	160 m³/h
	suction pressure	0.5 kg/cm²
Compressed air	required air pressure	7 bar
	pipe diameter	4 x 200 mm
Dust extraction	min. dust extraction speed	min. 28 m/s
	extraction connection	Ø 250 mm, height 2,400 mm
	extraction capacity	min. 4,950 m³/h
	pressure loss	min. 2,200 Pa
Note: Weight relief at extraction hose!		
Power supply	power	41 kW/68A
	voltage	400 V, 3 phases, 50 Hz
Machine dimensions	space requirement*	11,200 x 2,100 x 2,300 mm
	weight	5,000 kg

* Note: plus safety devices depending on local conditions

CNC throughfeed drilling machine NDC642



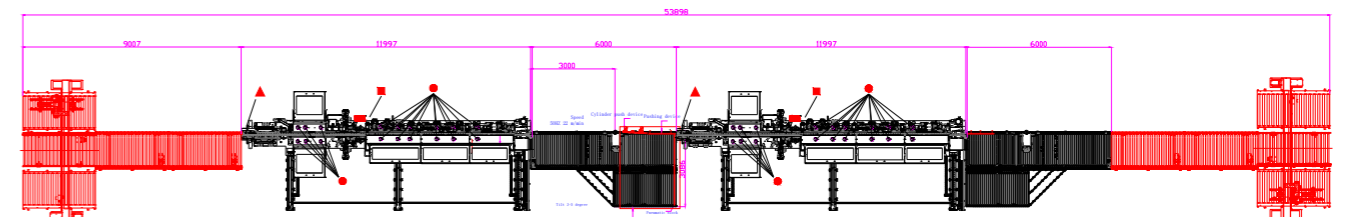
Workpiece dimensions	max. width	2,500 mm
	min. width	250 mm
	max. thickness	50 mm
Supports	top	4
	bottom	6
	horizontal	2
Drilling block	power	1.5 kW
	speed	2,750 rpm
	drill grid	32 mm
	max. vertical drill depth	50 mm
	max. horizontal drill depth	40 mm
Servo motors	amount	13
	power	0.75 kW
Power supply	voltage	400 V, 50 Hz, 3 phases
	power	38 kW
Machine dimensions	space requirement*	5,540 x 3,650 x 2,800 mm
	weight	7,000 kg

* Note: plus safety devices depending on local conditions

Handling Loading and unloading



Machine line for four-sided edge processing with loading and unloading



Unloading



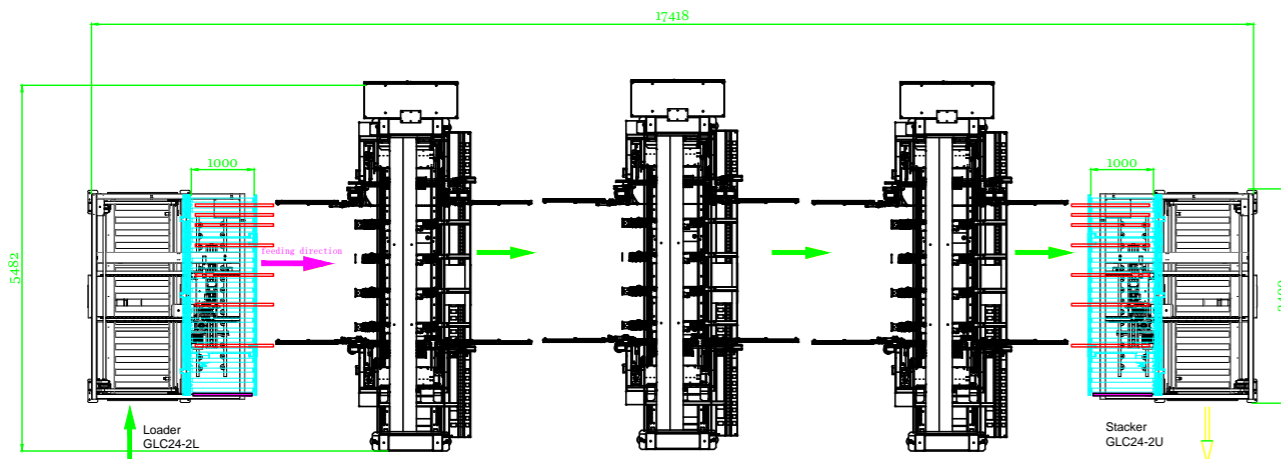
- Workpiece length 280-2,200 mm
- Workpiece width 280-800 mm
- Workpiece thickness 10-35 mm
- Max. workpiece weight 40 kg
- 8-10 working cycles/min

Swing loader



- Machine dimensions 3,300 x 1,200 x 2,500 mm
- Max. workpiece weight 50 kg
- Drive servo motor
- Swivel range +/- 90°
- Workpiece length 1,800-2,400 mm
- Workpiece width 300-1,200 mm
- Workpiece thickness 10-50 mm
- Power 3.1 kW
- Compressed air 7 bar
- Working height 950+/-50 mm
- Max. working speed 5 cycles/min
- Stacking height 1,200 mm

Drilling line



Roller conveyors

- Max. workpiece weight 50 kg
- Roller distance 80 mm
- Workpiece length 250-2,400 mm
- Workpiece width 250-1,220 mm
- Workpiece thickness 10-60 mm
- Speed 10-26 m/min



Side loader for beam saw

- Workpiece length 2,440 mm
- Workpiece width 1,220 mm
- Workpiece thickness 10-45 mm
- Max. workpiece weight 300 kg
- Max. roller distance 100 mm
- Max. stacking height 1,200 mm



All machines shown are of CE design. The equipment of the machine may vary depending on the country. Subject to technical changes.
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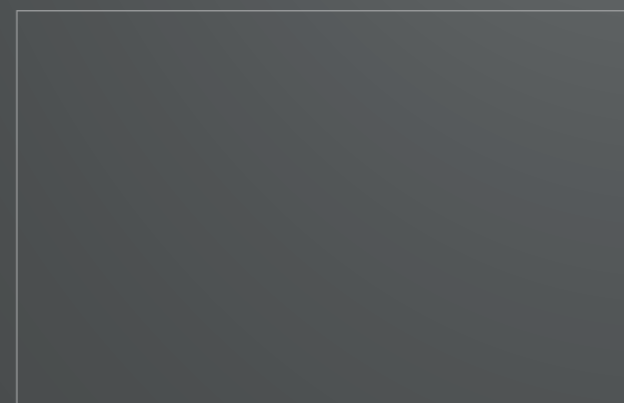
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For detailed information on our machines for cabinet making and our service please refer to www.lohmeyer-iq.com

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