

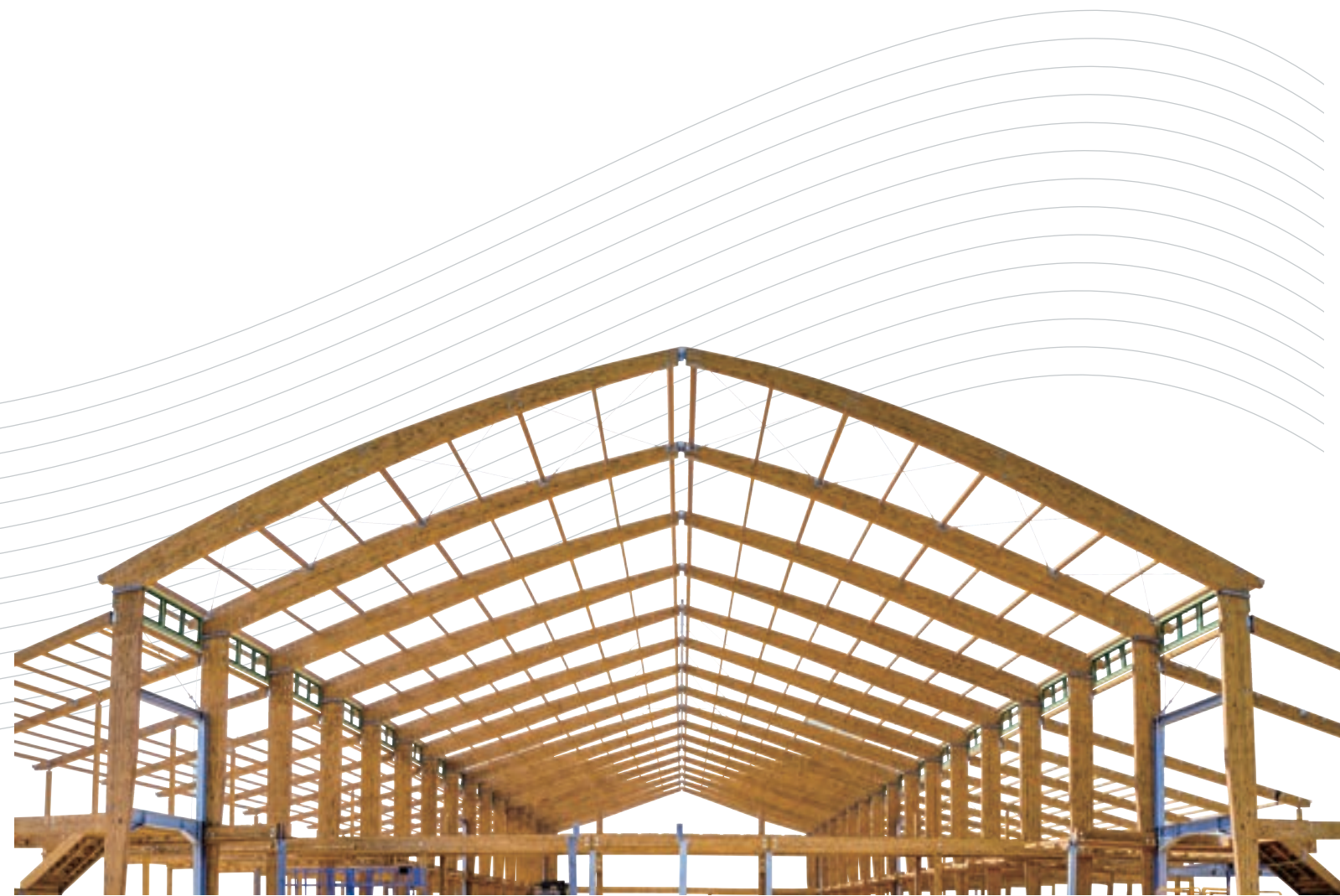
TECHNICAL DATA

Factory Size - Length x Width :	120 M x 70 M = 8400 M ²
Infeed Size - Length x Width x Thickness :	6 M x 250 mm x 50 mm
Beam Size - Length x Width x Thickness :	13 M x 1200 mm x 250 mm

*Plant layout can be customized according to factory size.



GLULAM AUTOMATION



Absolute Woodworking Machine Experience

富崎國際有限公司
SK Global Co., Ltd. / Stirling International Co., Ltd.
172 Hsin Yi St., Feng Yuan Dist., Taichung 420003, Taiwan
P +886-4-25121980 / F +886-4-25122703
E info@skglobal.com.tw
www.skglobal.com.tw

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INDEX

ZONE A

- VACUUM DE-STACKER
- OPTIMIZING CUT OFF SAW

ZONE B

- PADDLING & TURNING DEVICE
- FINGER JOINT SYSTEM

ZONE C

- CURING STORAGE
- HIGH SPEED MOULDER

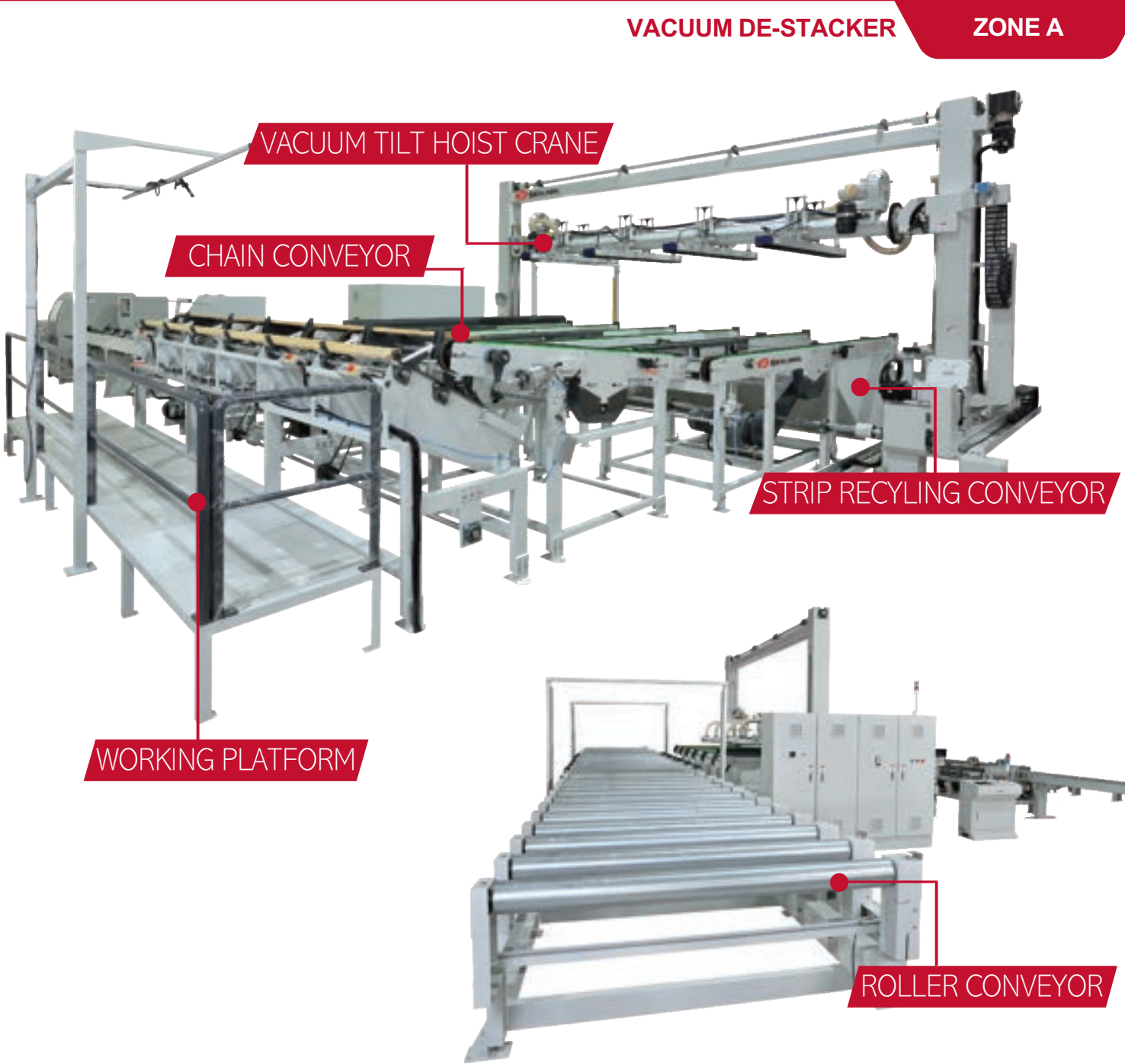
ROTARY PRESS

ZONE D

- DOUBLE SURFACE PLANER
- HORIZONTAL BAND RESAW
- MATERIAL HANDLING EQUIPMENT
- LIFTING MECHANISM
- BEAM PLANER
- BEAM SAW

LAYOUT

- 01-02
- 01
- 02
- 03-05
- 03
- 04-05
- 06-07
- 06
- 07
- 08-09
- 10-15
- 10
- 11
- 12
- 13
- 14
- 15
- 16-17

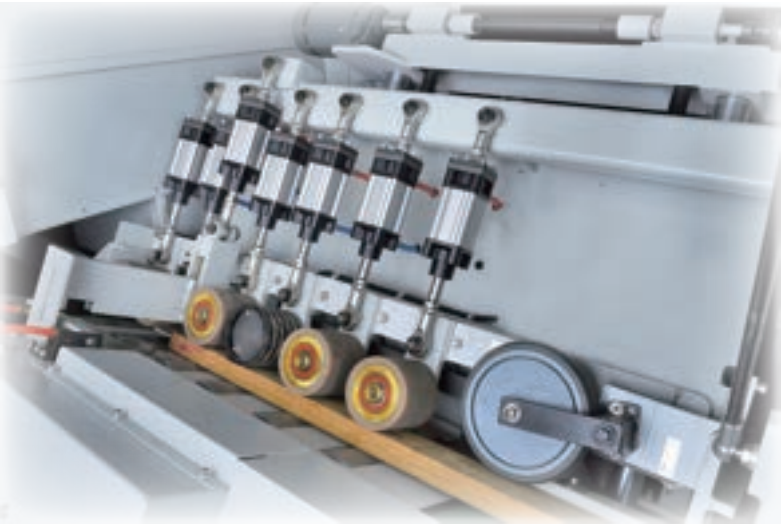


Description	Roller Conveyor
Max. load weight	5000KGS (6000mm(L))
Roller diameter	110 mm
Feed speed	15 M/min
Working width	2 M

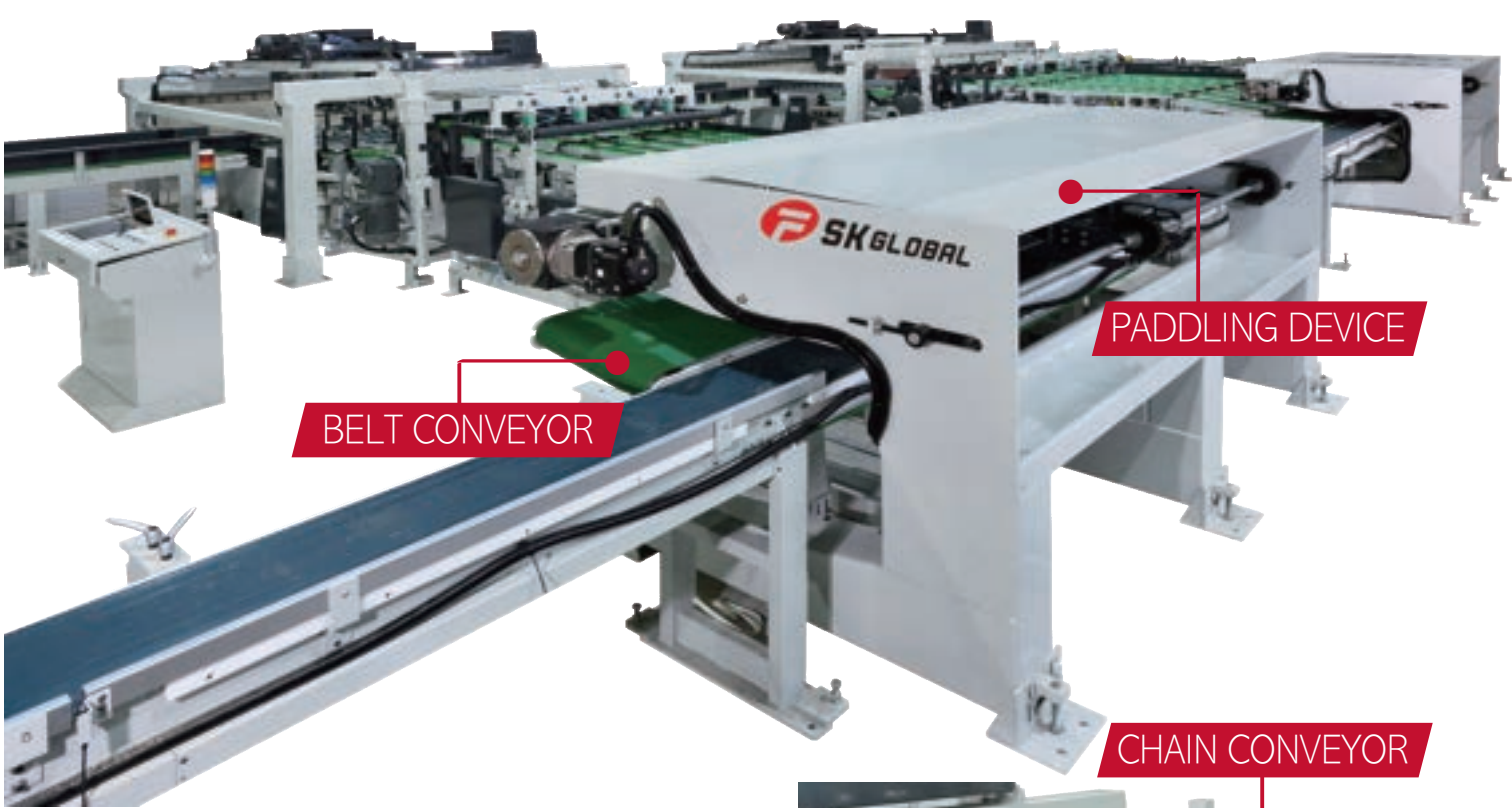
Description	Vacuum Tilt Hoist Crane
Max. load weight	400 KGS
Feed speed	30 M/min
Moving distance	3 M
Lift speed	15 M/min
Moving distance	1.5 M
Span distance	7 M
Rotation angle	0-70 degrees

Description	Strip Recyling Conveyor
Feed speed	30 m/min
Working length	12 M

Description	Chain Conveyor
Feed speed	30 M/min
Working width	5.8 M
Conveying distance	5 M



Model	SK-250FO
Max. timber cross section (WxT)	250 x 55 / 220 x 75 mm
Sawblade diameter	535 mm (21")
Max. infeed length	6000 mm
Saw arbor elevation servo motor	2.9 KW
Feed servo motor	5.5 KW
Arbor motor	10 HP
Outfeed motor	1 HP
Elevation motor	1/4 HP x 2
Cutting thickness	12-75 mm
Cutting width	30-250 mm
Min. infeed length	450 mm
Feed speed (variable)	100-190 M/min
Sawblade elevation driven by servo motor	



BELT CONVEYOR

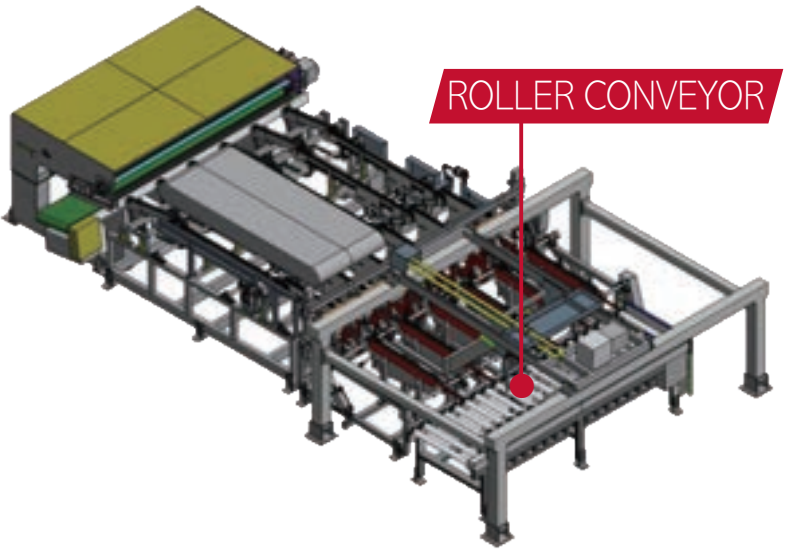
PADDLING DEVICE

CHAIN CONVEYOR

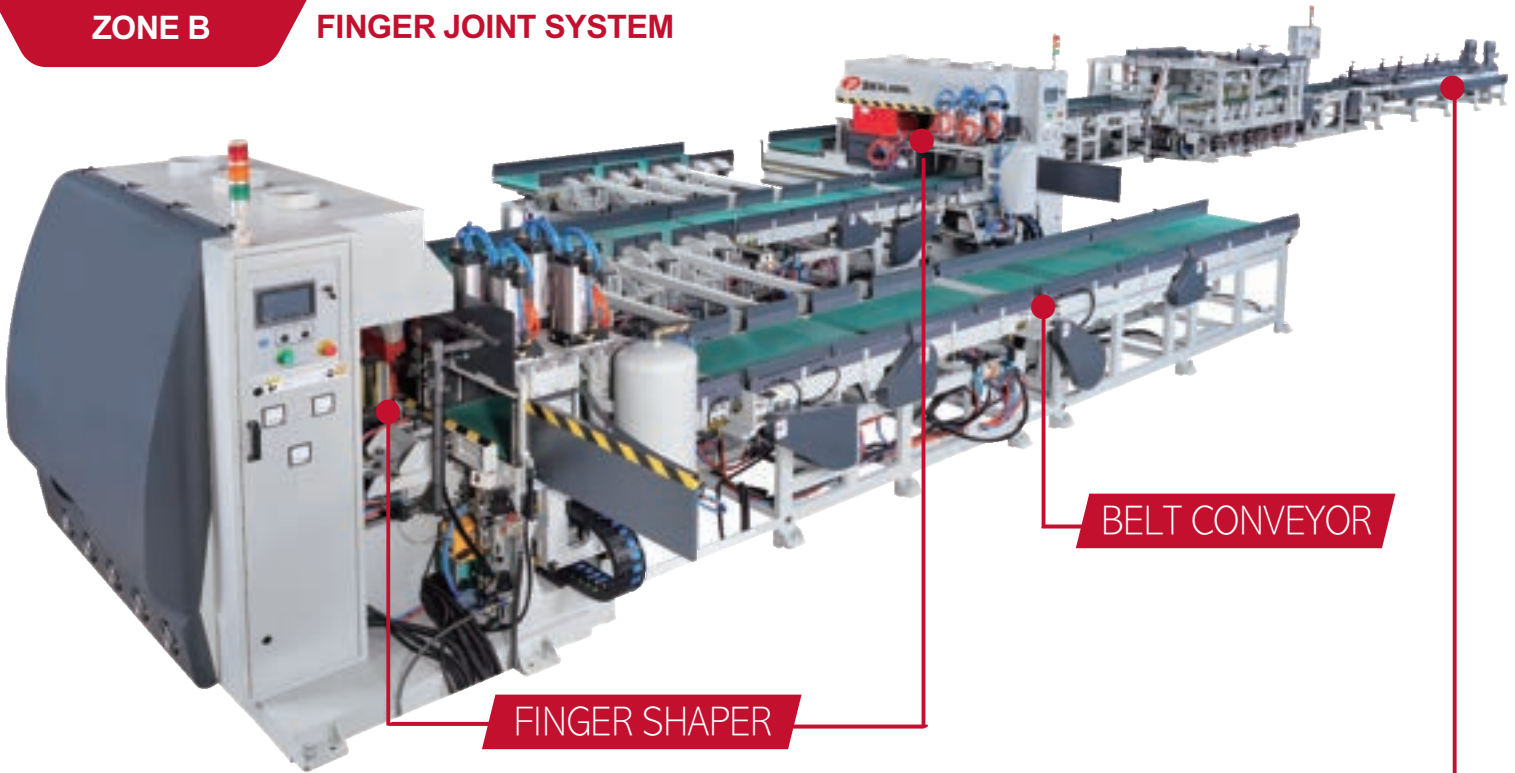


TURNING DEVICE

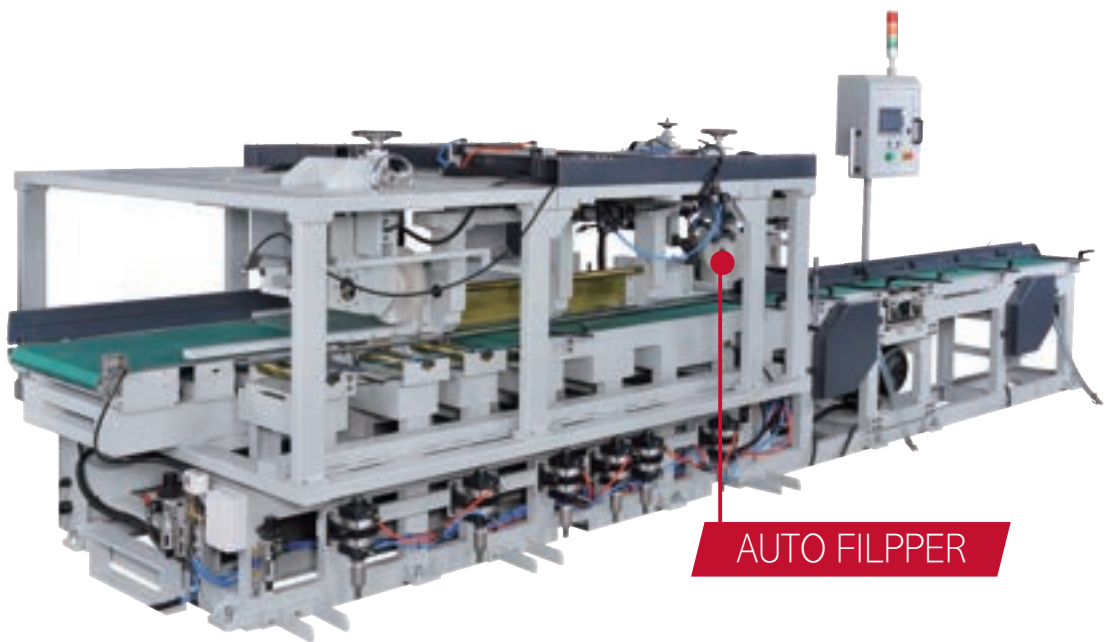
Description	Belt Conveyor
Feed speed	30 M/min
Working length	3 M / 4 M
Belt width	750 mm
Description	Chain Conveyor
Working length	
Long board	1501-3000 mm
Short board	300-1500 mm
Machine size (LxW)	
Long board	4300 x 3000 mm
Short board	4300 x 1500 mm
Feed speed	60 M/min
Description	Roller Conveyor
Feed speed	60 M/min
Working width	660 mm
Roller diameter	76 mm
Feed speed	20 M/min



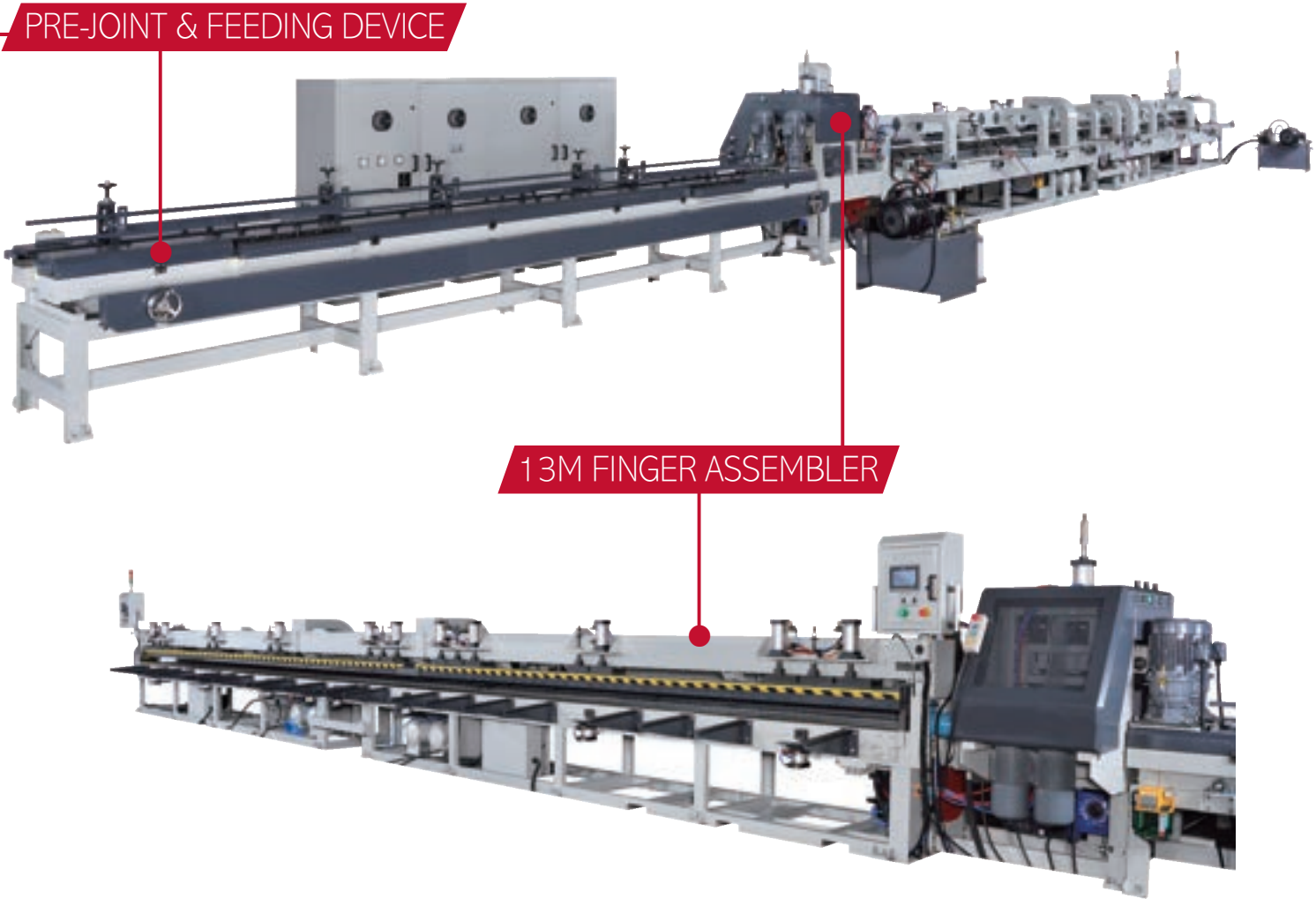
ROLLER CONVEYOR

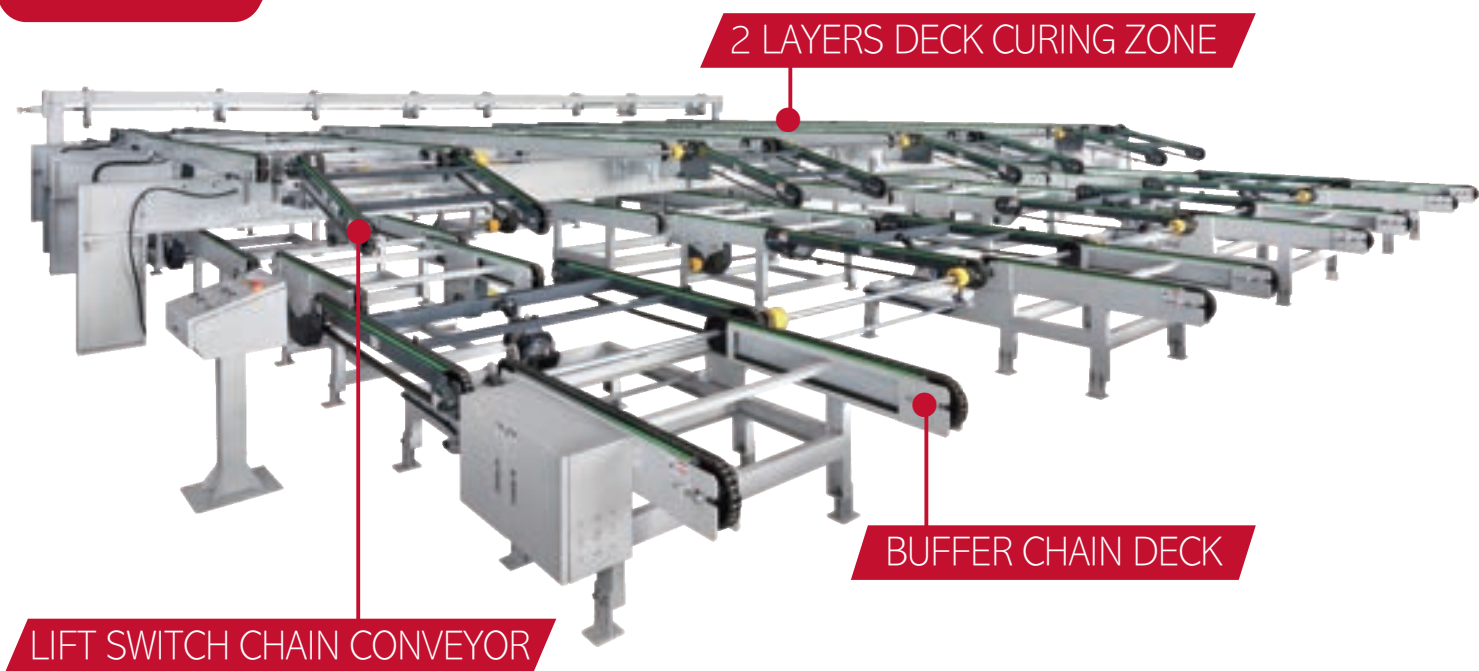


Model	SK-250-3000-13-FJ-X
Timber infeed length (min-max)	250-3000 mm
Working thickness (min-max)	18-50 mm
Working width (min-max)	35-250 mm
Timber outfeed length (min-max)	13000 mm
Glue type	PVAC / PUR
Timber species	Softwood / Hardwood
Timber moisture	8-12 %

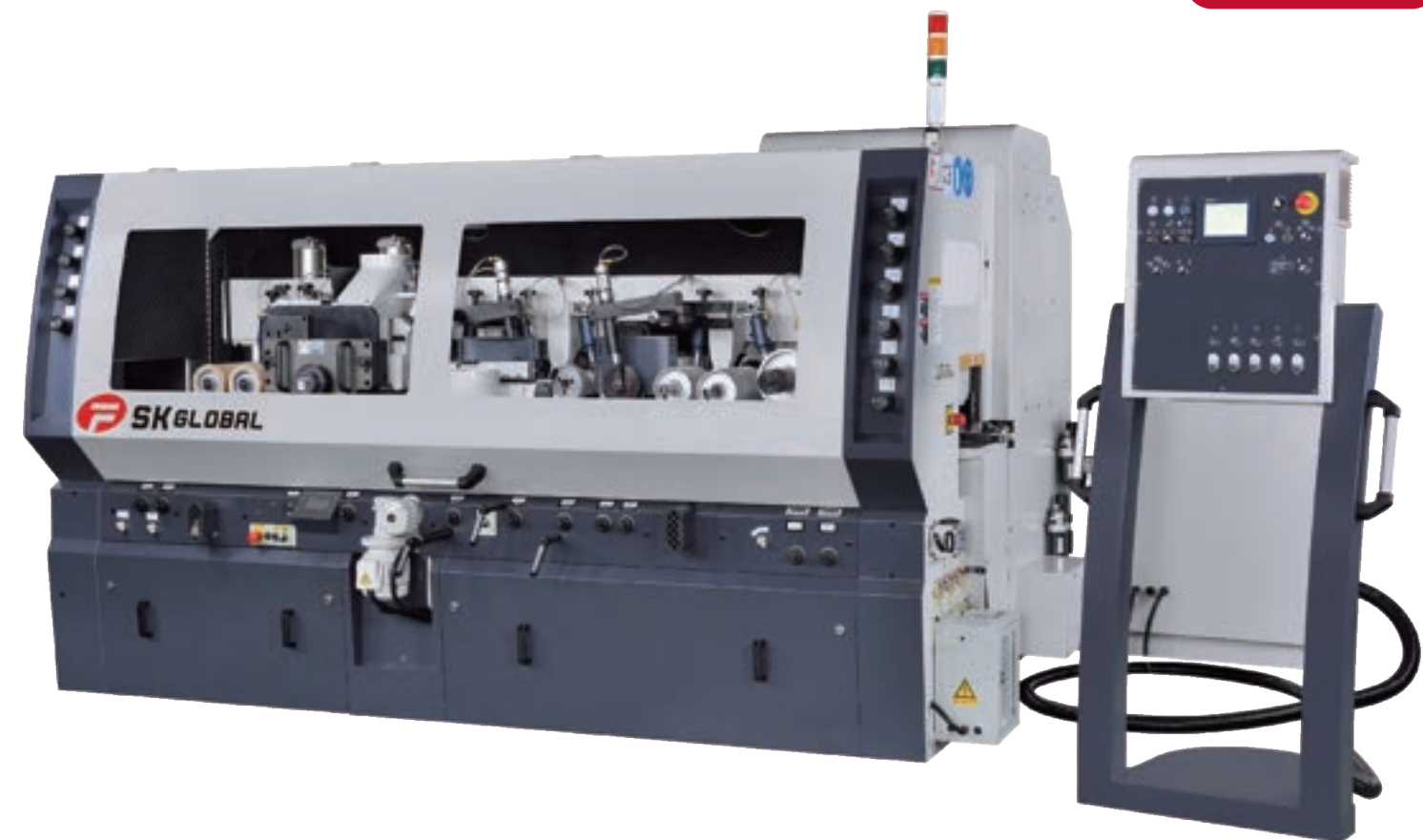
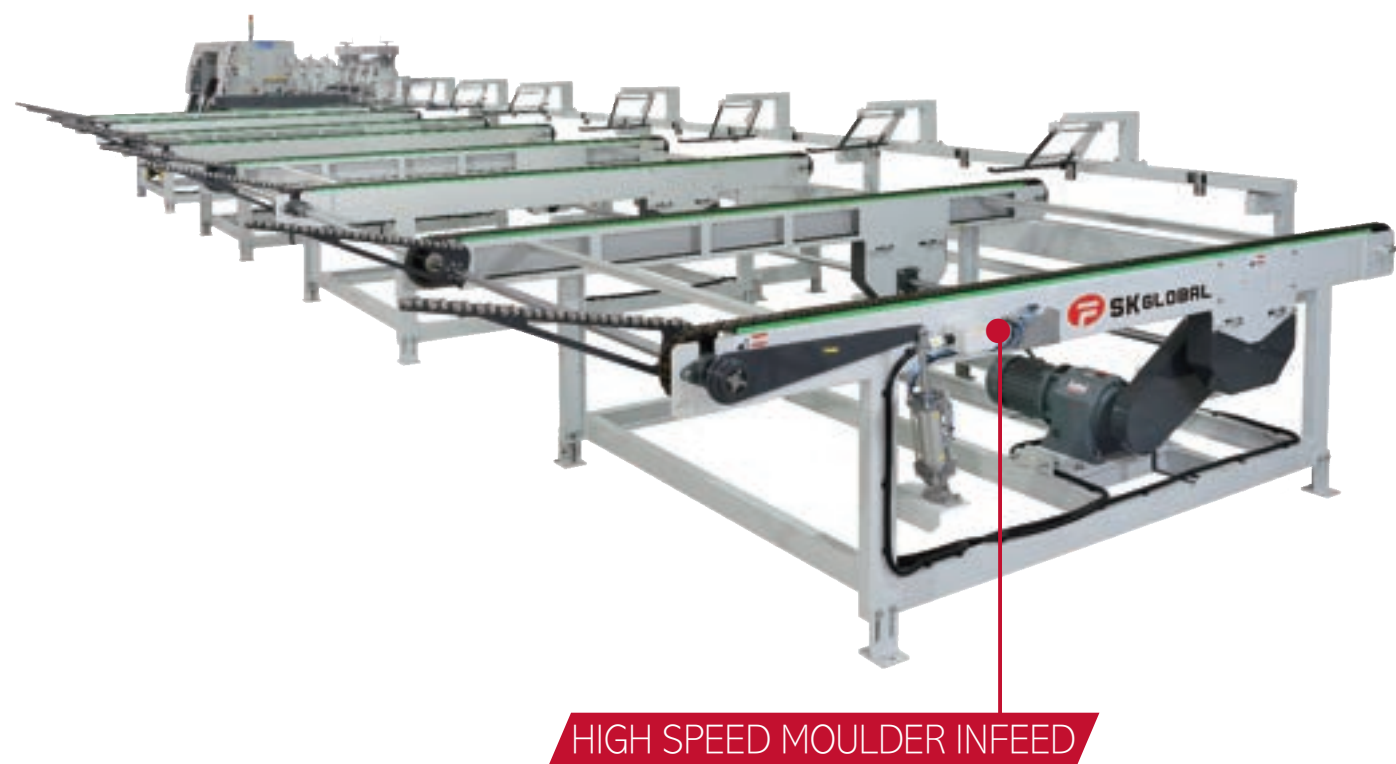


Description	13M Finger Assembler
Working dimension	Width 35-250 mm Height 18-50 mm Length 13000 mm
Power of upper roller	3 HP 1:10 x 2PCS
Power of lower roller	5 HP 1:10 x 1PC
In-feed inverter	15 HP x 1PC
In-feed speed	10-90 M/min
Cut-off saw, power	7.5 HP x 1PC
Cut-off dimensions	355mm x 120T x 25.4mm x 1PC
Cut-off saw rotating speed	2850 RPM
Hydraulic power	20 HP x 2PCS (High speed oil tank)
Hydraulic pressure output	240 kN
Capacity / min	1-4 PCS/min
Up pressing buffer	15 x 30 x 1PC 15 x 75 x 1PC 25 x 50 x 1PC

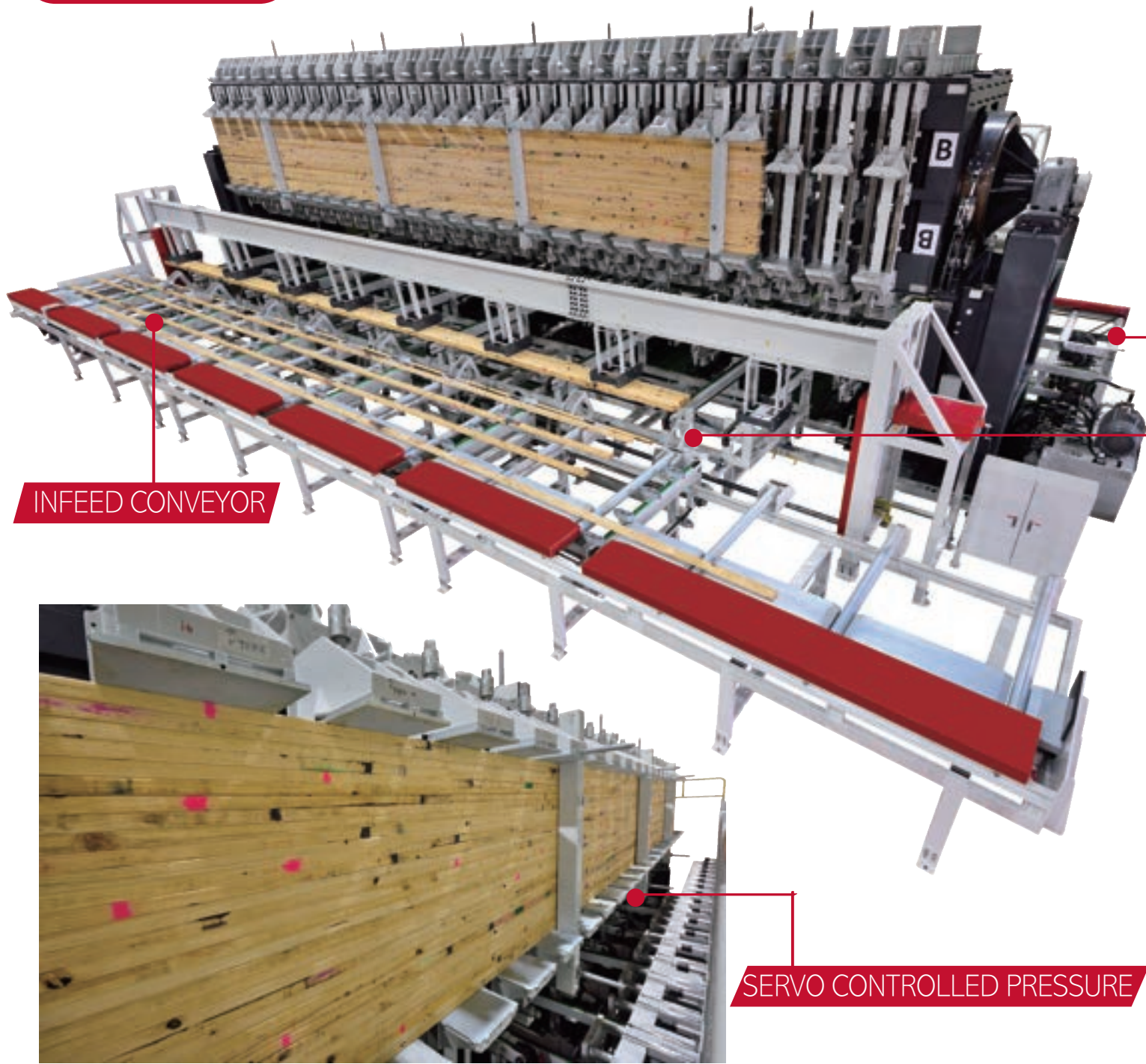




Description	Chain Conveyor
Working length	13 M
Conveying distance	Finger assembler outfeed 2 M
	Lift switch chain conveyor 1.8 M (2 SET)
	Curing zone 12 M (2 Layers)
	Chain conveyor 2 M
Feed speed	High speed moulder infeed 1.5 M
	30 M/min



Model	SKL-530-MSP
Min. working width	20 mm
Max. working width	310 mm (with a tool cutting circle of 163 mm)
Min. working thickness	10 mm
Max. working thickness	150 mm (with a tool cutting circle of 163 mm)
Min. length of work piece	1500 mm
Spindle motor & allowable cutting circle	1st bottom spindle 20 HP, 125-200 mm
	2nd right spindle 20 HP, 140-250 mm
	3rd left spindle 20 HP, 140-250 mm
	4th top spindle 30HP, 140-250 mm
	5th bottom spindle 30HP, 140-250 mm
All spindle with inverter brake	
UP & DOWN motor	3/4 HP x 1PC
Feed motor	20 HP x 1PC (inverter with LED display)
Spindle diameter	50 mm
Spindle R.P.M.	6000 RPM
Feed speed, infinitely variable	8-80 M/min

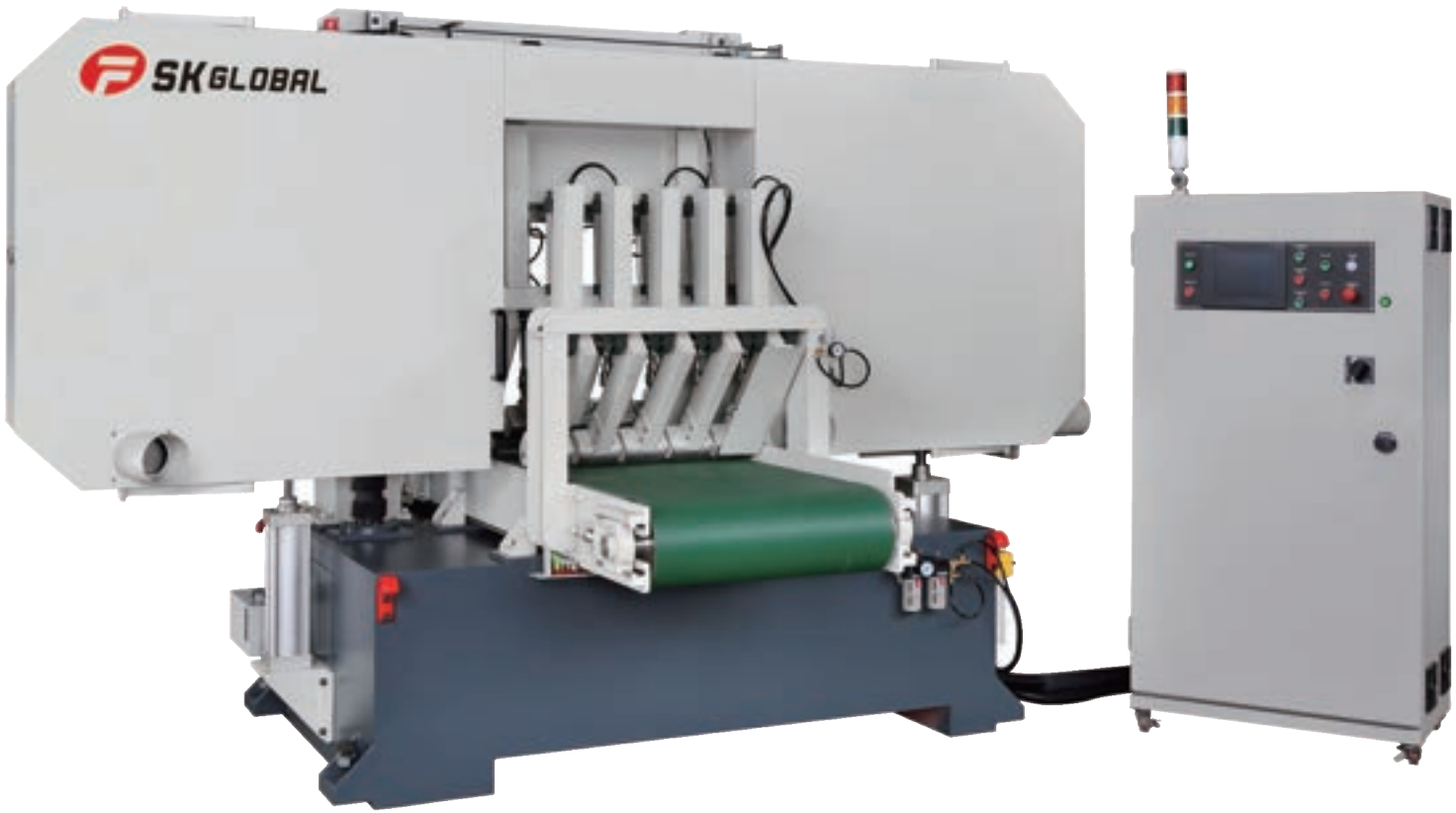


Description	Infeed Conveyor
Conveying distance	1000 mm
Conveyor length	15200 mm
Feed speed	40 M/min (Cross chain)
Motor	Sub-roller conveyor 2.2 KW Chain conveyor 3.5 KW
Description	Flip & Alignment Mechanism
Flip arm	Air cylinder 63 mm x 4PCS
Motor	Chain conveyor 5 KW Setup holder 1.5 KW
Description	Beam Lifter
Lifting system	Hydraulic type 11 KW
Mechanism	Lifter x 8 SET Positioning bar x 4 SET
Description	Press Station
Pressing bed	4 SET
Clamping units	26 PCS/pressing bed
Platen width	350 mm
Platen height	260 mm
Pitch of clamping unit	500 mm
Clamp pressure	1.2 Mpa (12.23 KG/cm ²)
Motor	Clamping units 3.5 KW x 26PCS Rotation of press 11 KW
Assembly of 4 layers per hour	
Description	Outfeed Conveyor
Lifting	Hydraulic type
Motor	Chain conveyor 3.75 KW Roller conveyor 5.6 KW
Roller speed	6-30 M/min





Model	SK-1300-DSP
Max. width of planing	1300 mm
Max. thickness of planing	260 mm
Max. planing thickness for every face	2 mm
Feed speed	6-20 M/min
Cutter spindle	175 mm (Spiral cutterhead)
Cutter blade	30 x 12 x 2.5 mm
Motor	Bottom spindle 50 HP Top spindle 50 HP Feed drive motor 10 HP Elevation 2 HP
Min. length of cut	610 mm
Table height	1100 mm



Model	SK-650-HBSJ
Max. material size (WxH)	650 x 260 mm
Distance from blade to conveyor	5-260 mm
Min. cut piece	5 mm
Saw wheel diameter	42" x 2 (1070 mm x 2)
Sawblade width	5"
Feed speed (variable)	0-15 M/min
Saw wheel motor	60 HP with inverter
Feed motor	3 HP with inverter
Blade lift motor	2 HP motor
Dust hood outlet diameter	5" x 3



Description	Roller Conveyor
Working width	1300 mm
Working length	13 M
Feed speed	6-30 M/min
Roller diameter	100 mm

Description	Chain Conveyor
Chain	6 SET
Conveyor length	7.5 M / 6 M
Feed speed	6-30 M/min

Cross chain conveyor with cylinder lifting mechanism



SEPARATE CLAMPING DEVICE



Description	Roller Conveyor
Working width	1300 mm
Working length	13 M
Feed speed	6-30 M/min
Roller diameter	100 mm

Description	Lifting Mechanism
Lifting motor	2 KW
Total 10 sets of clamping devices for separating top and down materials after resaw	



Model	SKL-4130-MPL
Min. working width	90 mm
Max. working width	1300 mm (with a tool cutting circle of 163 mm)
Min. working thickness	50 mm
Max. working thickness	260 mm (with a tool cutting circle of 163 mm)
Min. length of work piece	1500 mm
Spindle motor & allowable cutting circle	1st bottom spindle 40 HP, 125-180 mm
	2nd top spindle 40 HP, 125-200 mm
	3rd right spindle 30 HP, 140-200 mm (OPPOSED)
	4th left spindle 30HP, 140-200 mm (OPPOSED)
All spindle with inverter brake	
2-side chamfering unit (top & bottom side)	7.5 HP x 4PCS, 6,000 RPM (Right motor with manual adjustment, left motor moved with left spindle)
UP & DOWN motor	3/4 HP x 1PC
Feed motor	20 HP x 1PC (inverter with cooling fans)
Spindle diameter	50 mm
Spindle R.P.M.	5500 RPM
Feed speed, infinitely variable	2-15 M/min



BEAM CLAMPING DEVICE

Model	SK-1500-GBS
Cutting length	1500 mm
Max. cutting thickness	250 mm
Main sawblade diameter	630 mm
Main arbor speed	1800-3600 RPM
Saw carriage forward speed	Within inverter 1-35 M/min
Saw carriage return speed	Within 50 M/min
Main saw arbor diameter	30 mm
Main saw motor	40 HP
Saw carriage drive motor	2 HP within inverter
Main sawblade size	Dia. 720 mm x 30 mm x 1PC



BEAM SAW



BEAM PLANER



LIFTING MECHANISM



HORIZONTAL BAND RESAW



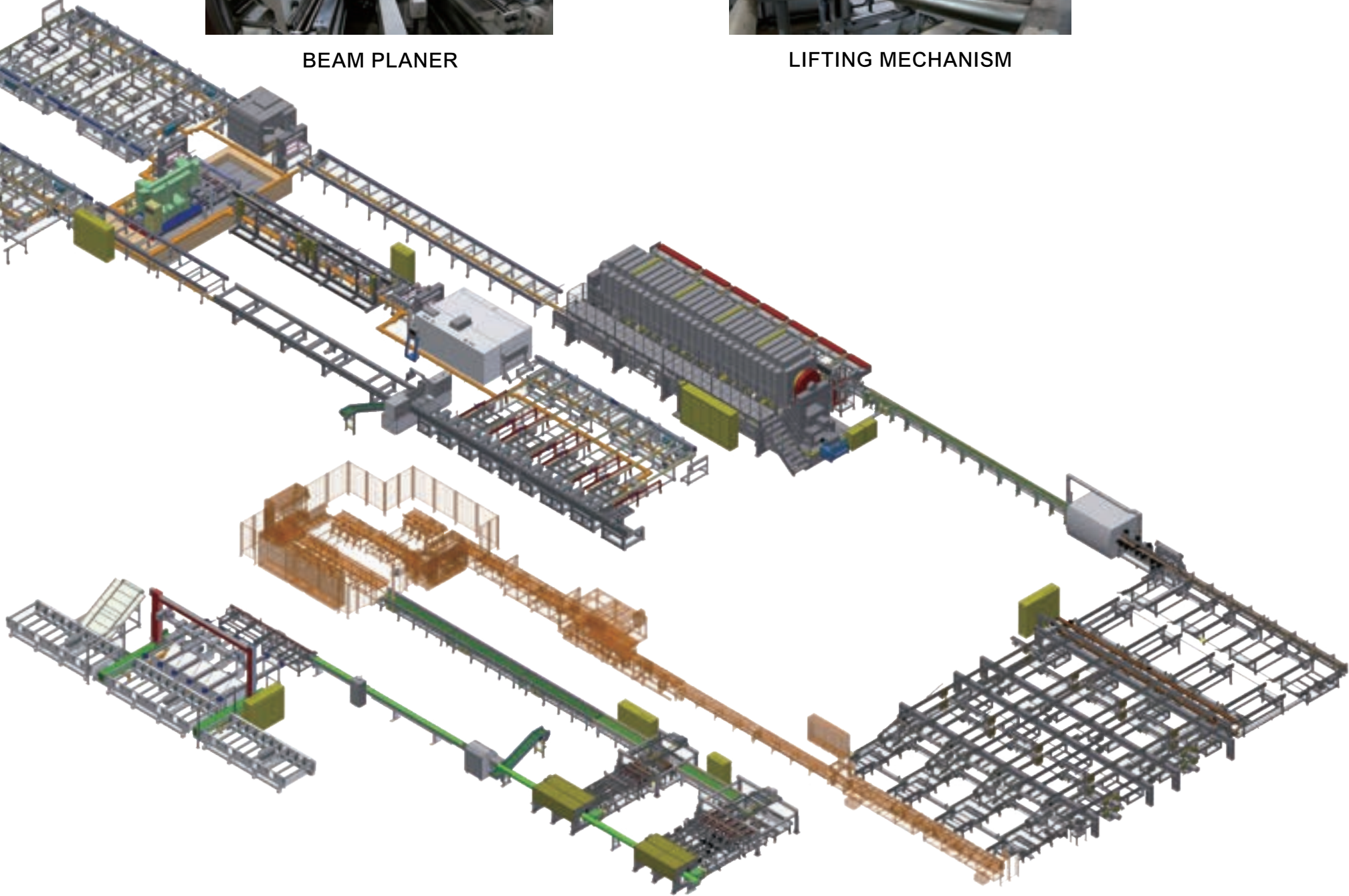
FINISHED PRODUCT OUTFEED



DOUBLE SIDE PLANER



VACUUM DE-STACKER



ROTARY BEAM PRESS



OPTIMIZING CUT OFF SAW



PADDLING & TURNING DEVICE



FINGER JOINT SYSTEM



CURING STORAGE