

# *Equipment Material Handling*

Material handling Equipment makes a better productivity of your moulder



**LMG**  
**LEADERMAC**

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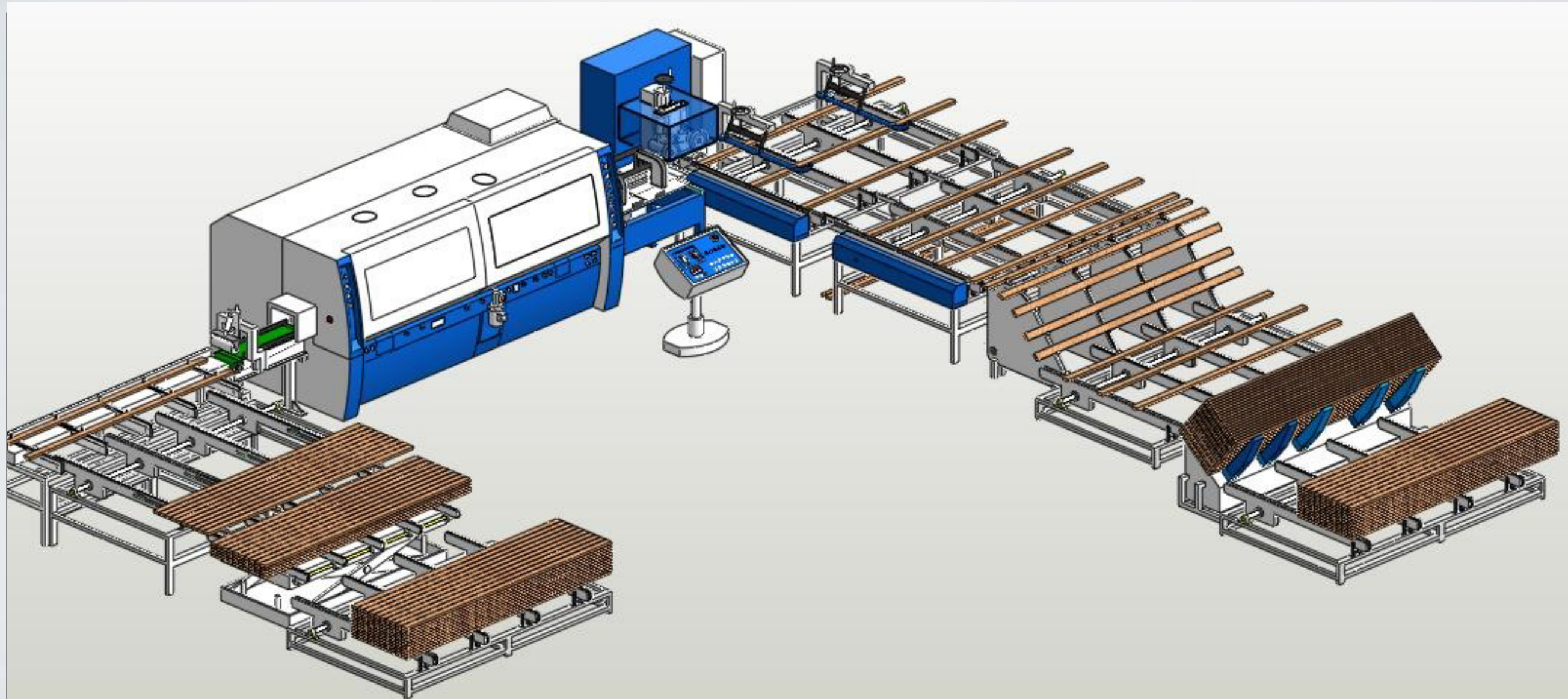
*Quality Features Add More Value to Your Production with Material Handling Equipment*



# Speed up the full potential of your moulder

To Speed up your moulder need a intelligent infeed and outfeed system. In order to avoid rework, reject, non-continue feed and high operator cost.

- ◆ Quality control station to give the greatest performance.
- ◆ Scrutinize for quality safely and continuously ....with check point platform.
- ◆ Continuous flow Protections to prevent material stoppage.
- ◆ An invariable material feeding lengthen useful life of your tooling.



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# INFEED SYSTEM SPEED UP YOUR MOULDER FEEDING



✓ Make to be a better competition for your production line, LEADERMAC can offer the best customized infeed system with a **reasonable budget**.

✓ To make sure with **continues, economical, highest quality and maximum output**. The main operator can be only focus on **QC** to obtain the best production with top quality output.



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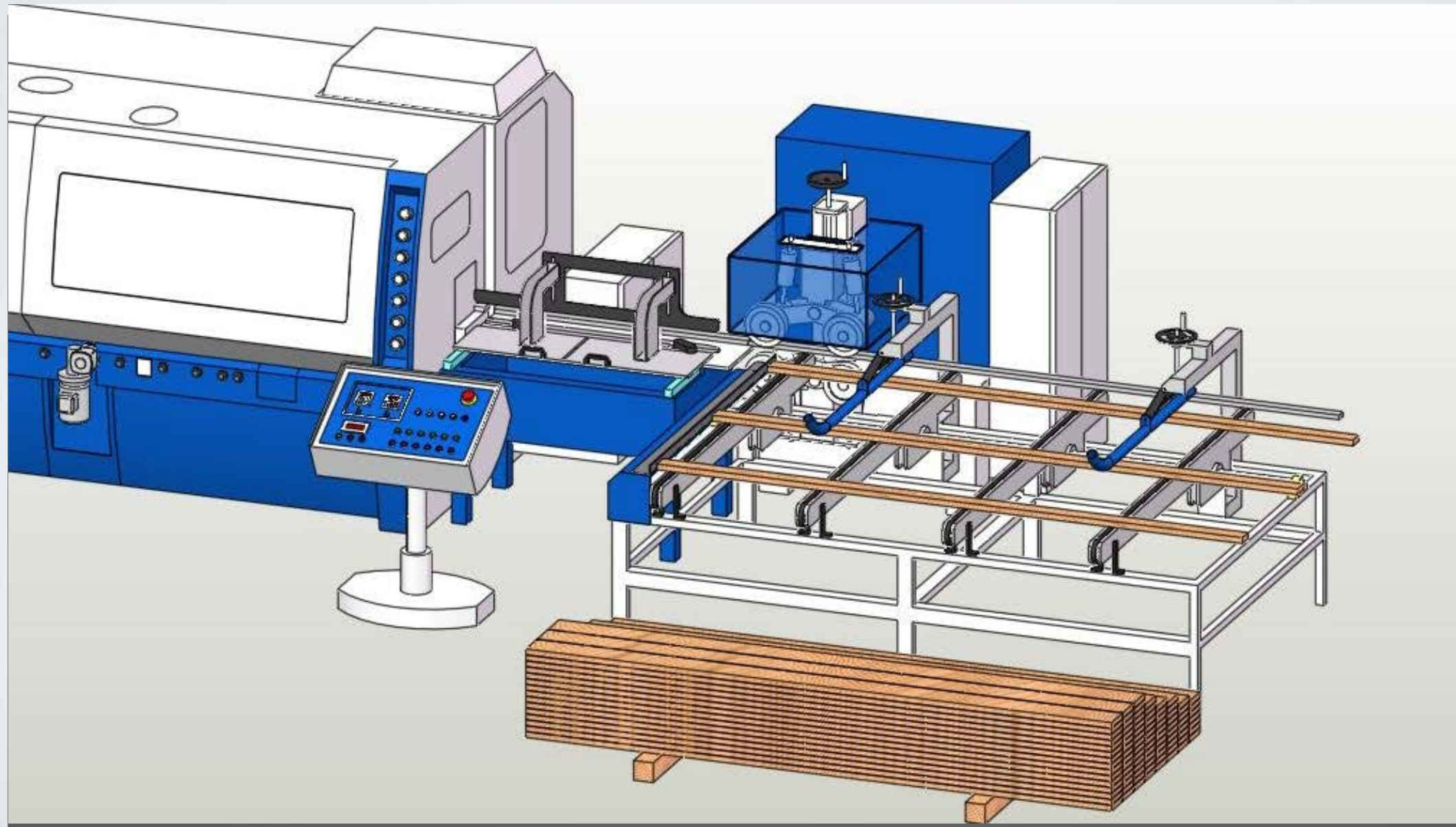


# S01

- Manual feeding from the stack.
- Visual checking / Removed the defect by manual.
- Material infeed continually by chain.
- Upper and bottom driven rollers with sensor control.
- Infeed stably and continually. Produce efficiency.

Length	7,000 mm	3,000 mm
Depth	2,000 mm	2,000 mm

▸ Space needs for infeed system



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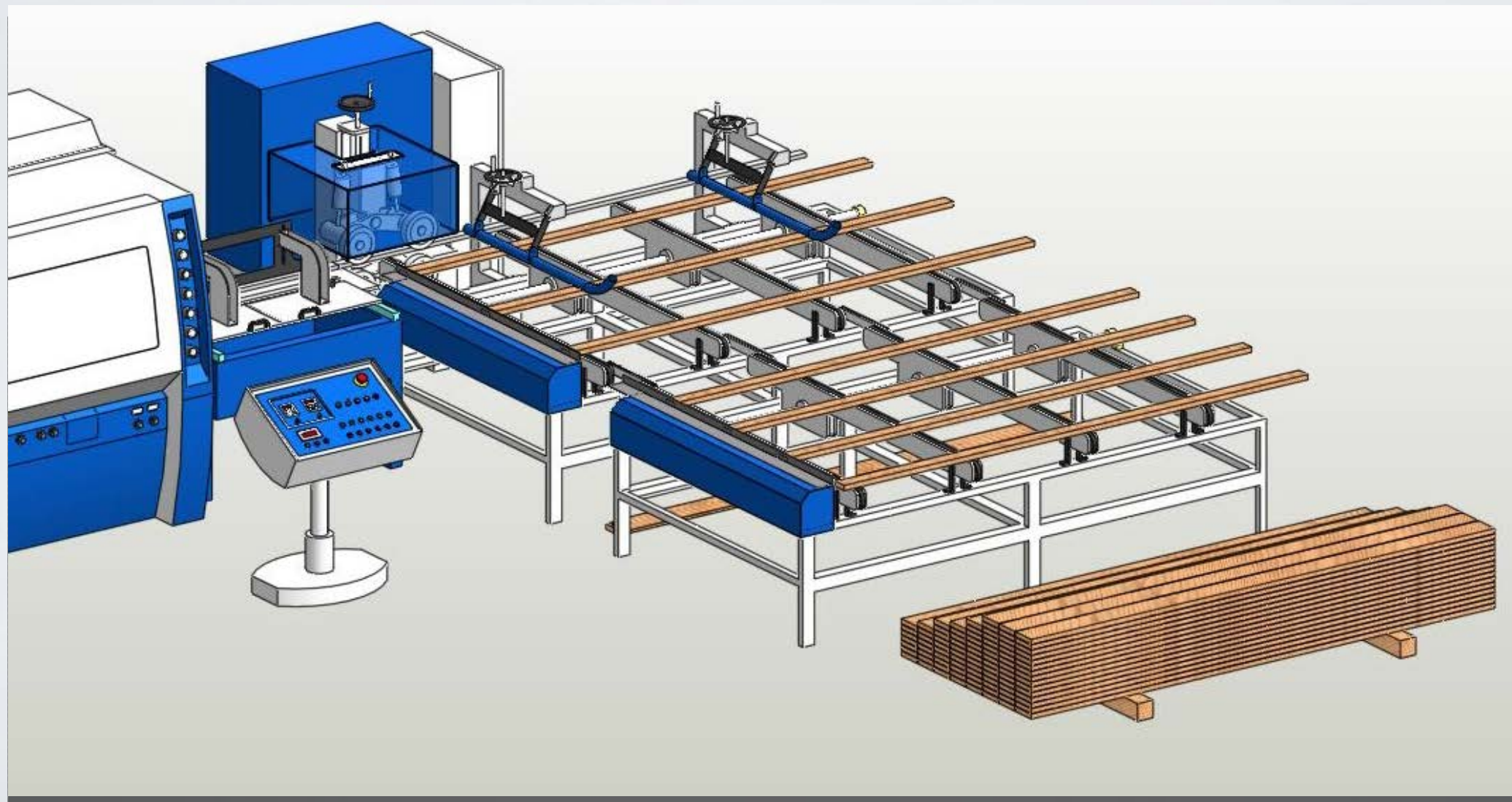


# S02

- Manual feeding from the stack.
- Visual checking / Removed the defect by manual tilt bar of table chain.
- Material infeed continually by chain.
- Upper and bottom driven rollers with sensor control.
- Infeed stably and continually. Produce efficiency.

Length	7,000 mm	3,000 mm
Depth	5,200 mm	5,200 mm

▸ Space needs for infeed system



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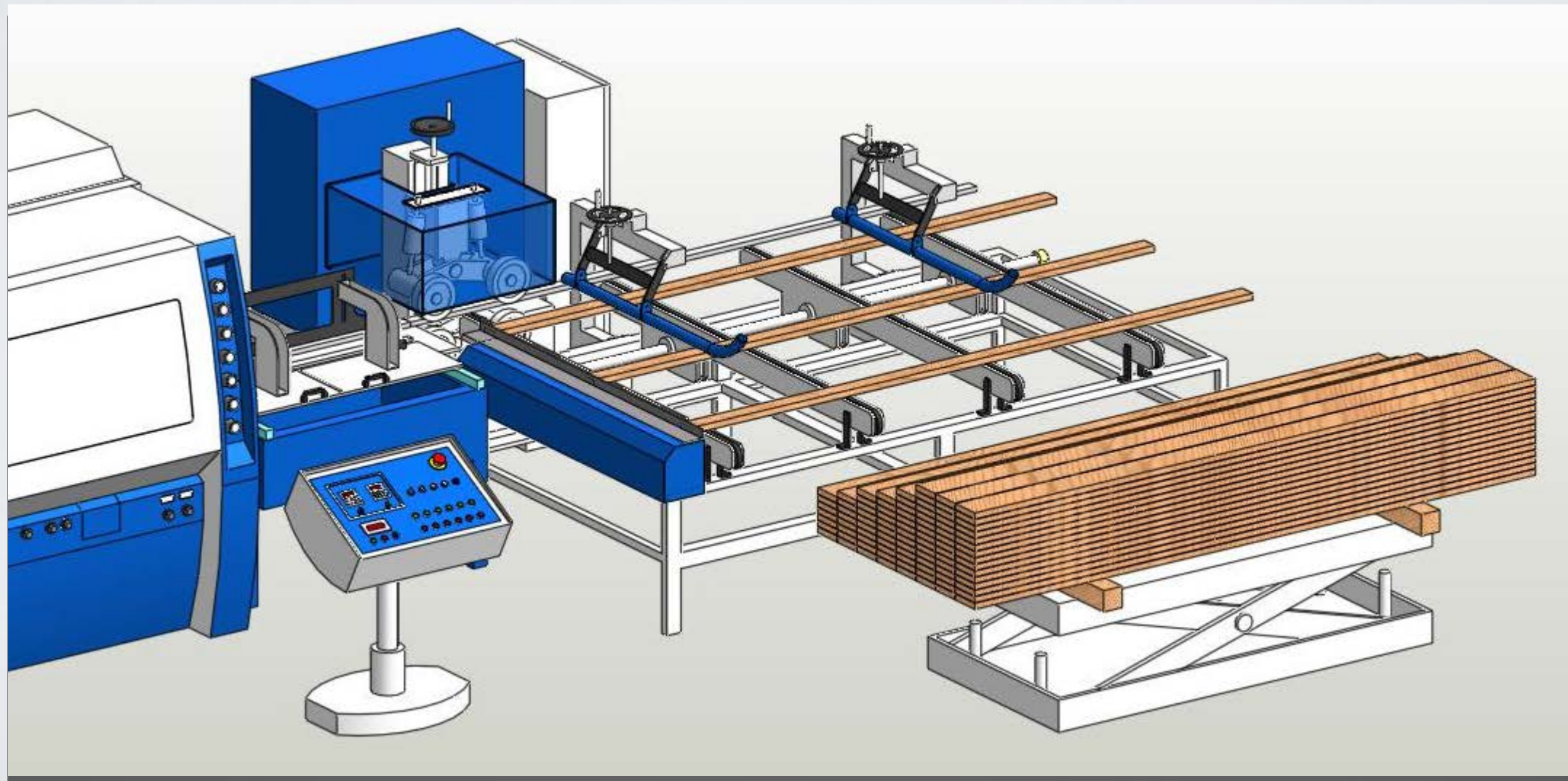


# S 03

- Feeding materials be delivery control by lifting table.
- Visual checking / Removed the defect by manual.
- Material infeed continually by chain.
- Upper and bottom driven rollers with sensor control.
- Infeed stably and continually. Produce efficiency.
- Hydro elevating platform slow down staff's tired.  
(stoop to take material long-time)

Length	7,000 mm	3,000 mm
Depth	3,200 mm	3,200 mm

▸ Space needs for infeed system



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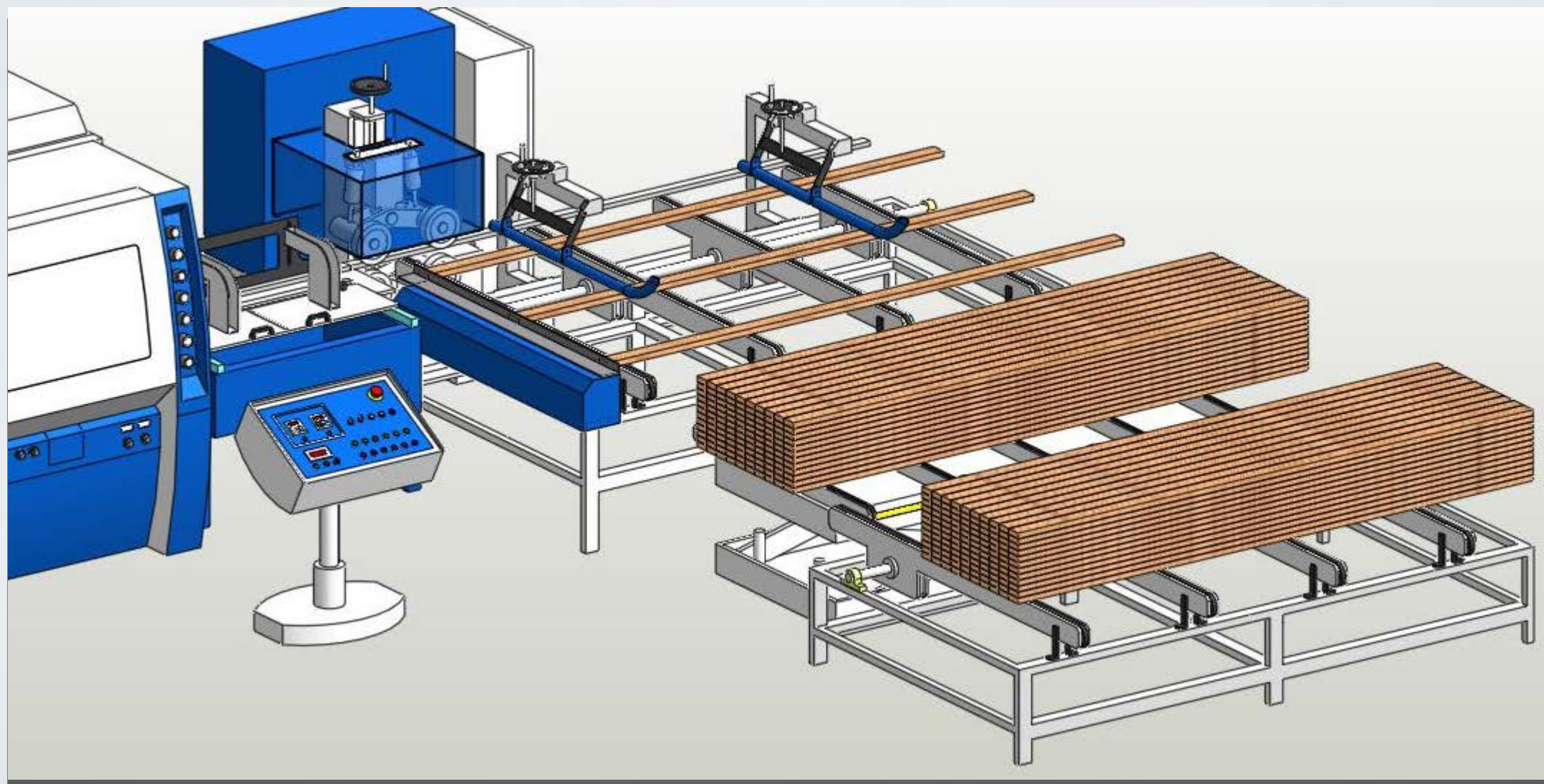


# S 04

- Chains infeder simplify product stack by stack.
- Feeding materials be delivery control by lifting table.
- Visual checking / Removed the defect by manual.
- Material infeed continually by chain.
- Upper and bottom driven rollers with sensor control.
- Infeed stably and continually. Produce efficiency.
- Auto. infeed chains move the stacked material to Hydro elevating platform that slow down staff's tired. (stoop to take material long-time)

Length	7,000 mm	3,000 mm
Depth	6,200 mm	6,200 mm

▸ Space needs for infeed system



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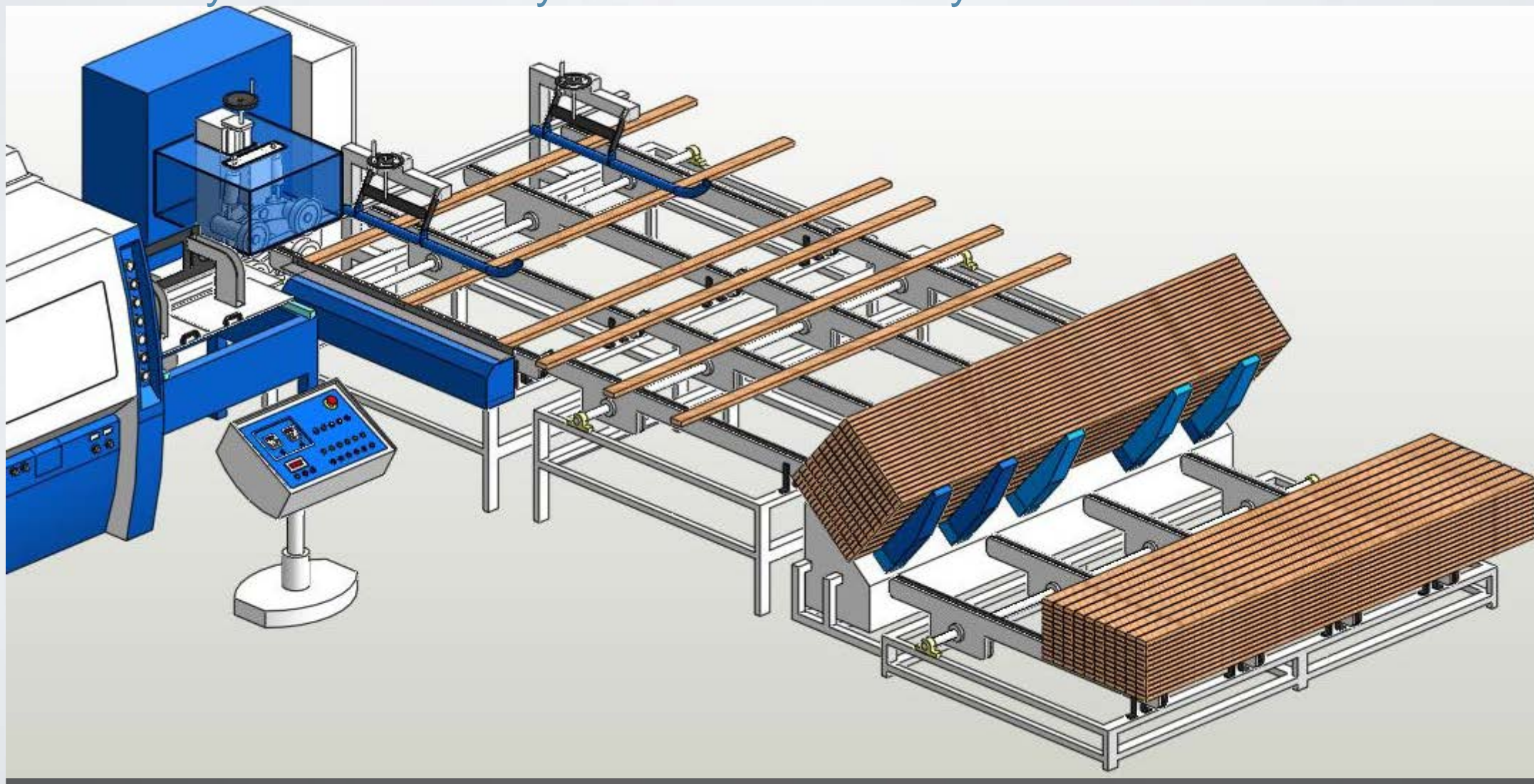


# S 05

- Chains infeder simplify product stack by stack.
- Feeding Workpiece by tilt-crane with pull-assisted transfer and manual arrangement.
- Visual checking / Removed the defect by manual.
- Material infeed continually by chain.
- Upper and bottom driven rollers with sensor control.
- Infeed stably and continually. Produce efficiency.

Length	7,000 mm
Depth	9,200 mm

▸ Space needs for infeed system



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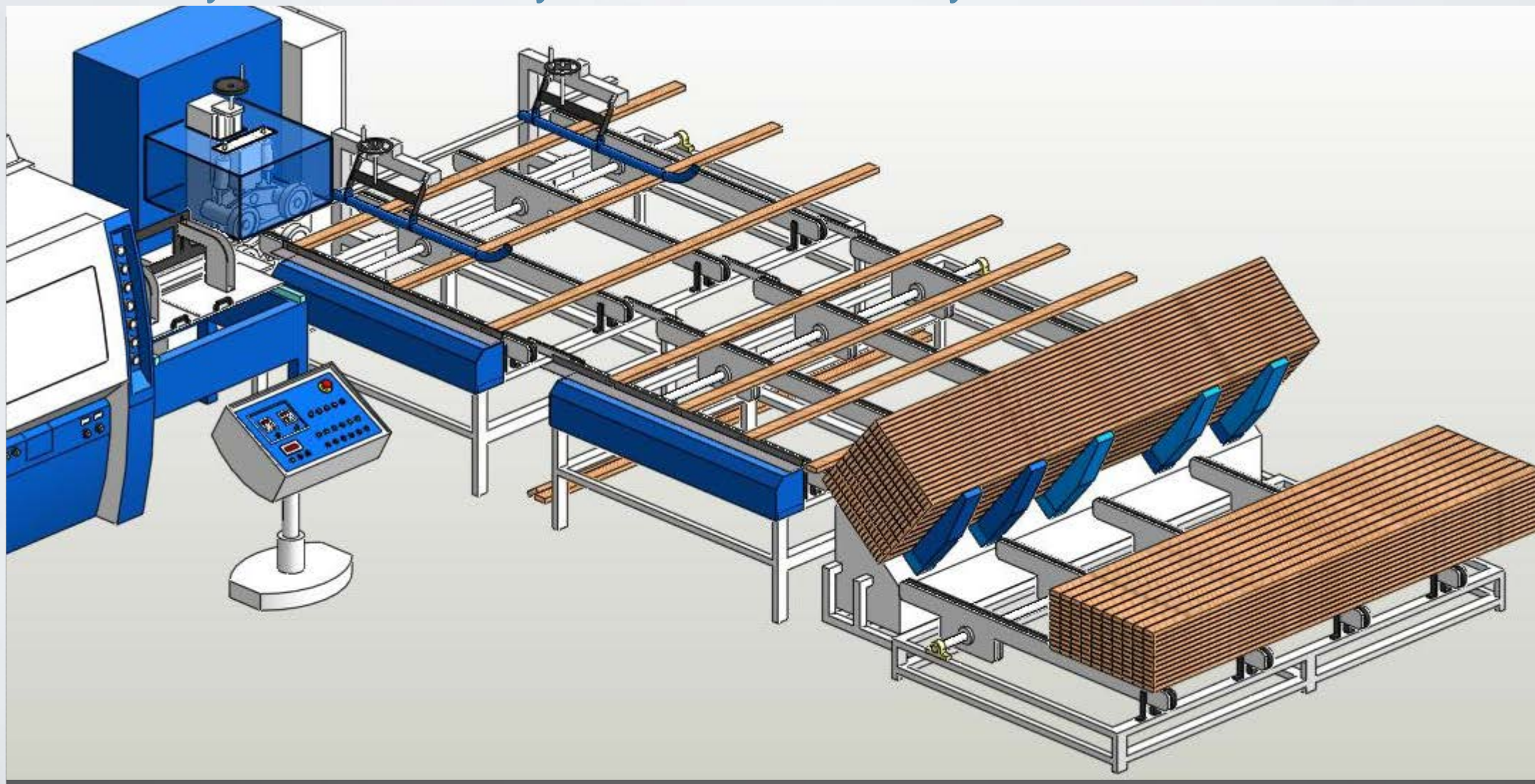


# S 06

- Chains infeder simplify product stack by stack.
- Feeding Workpiece by tilt-crane with pull-assisted transfer and manual arrangement.
- Visual checking / Removed the defect by tilt table.
- Material infeed continually by chain.
- Upper and bottom driven rollers with sensor control.
- Infeed stably and continually. Produce efficiency.

Length	7,000 mm
Depth	9,700 mm

▸ Space needs for infeed system



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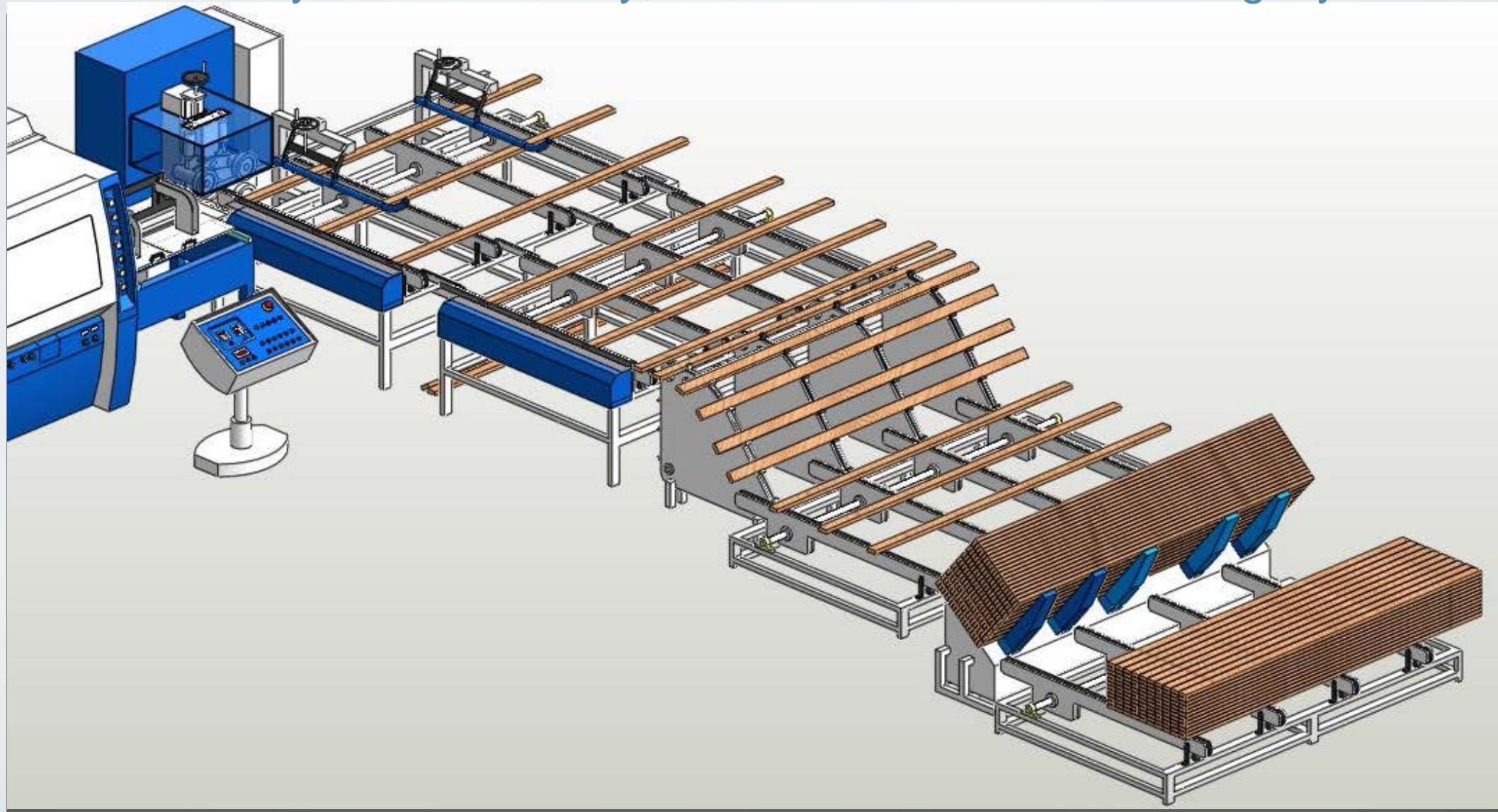


# S 07

- Chains infeder simplify product stack by stack.
- Auto separate operate.
- Visual checking / Removed the defect by tilt table.
- Material infeed continually by chain.
- Feeding Workpiece by tilt-crane with pull-assisted transfer and manual arrangement.
- Circular infeed stably and continually, one connects with one straightly.

Length	7,000 mm
Depth	12,700 mm

▸ Space needs for infeed system



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# OUTFEED SYSTEM MAKE YOUR JOB EASIER

- ✓ Make to be a better competition for your production line, LEADERMAC can offer the best customized outfeed system with a **reasonable budget**.
- ✓ The main operator can be only focus on **QC** to obtain the best production with top quality.



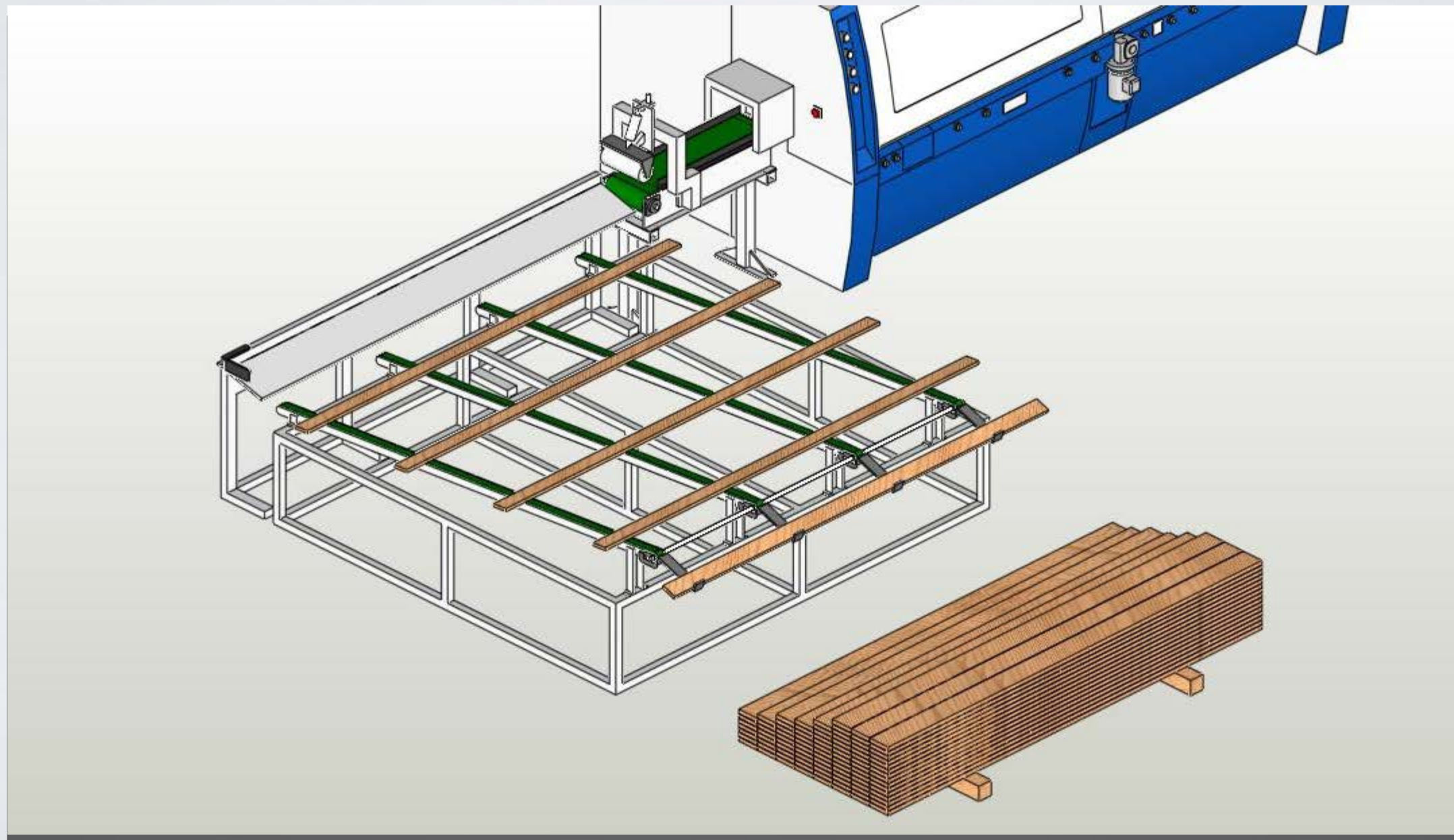


# R 01

- Simple outfeed system with free placing.
- Material are collected and stacked by manual.

Length	8,500 mm
Depth	2,700 mm

▸ Space needs for outfeed system



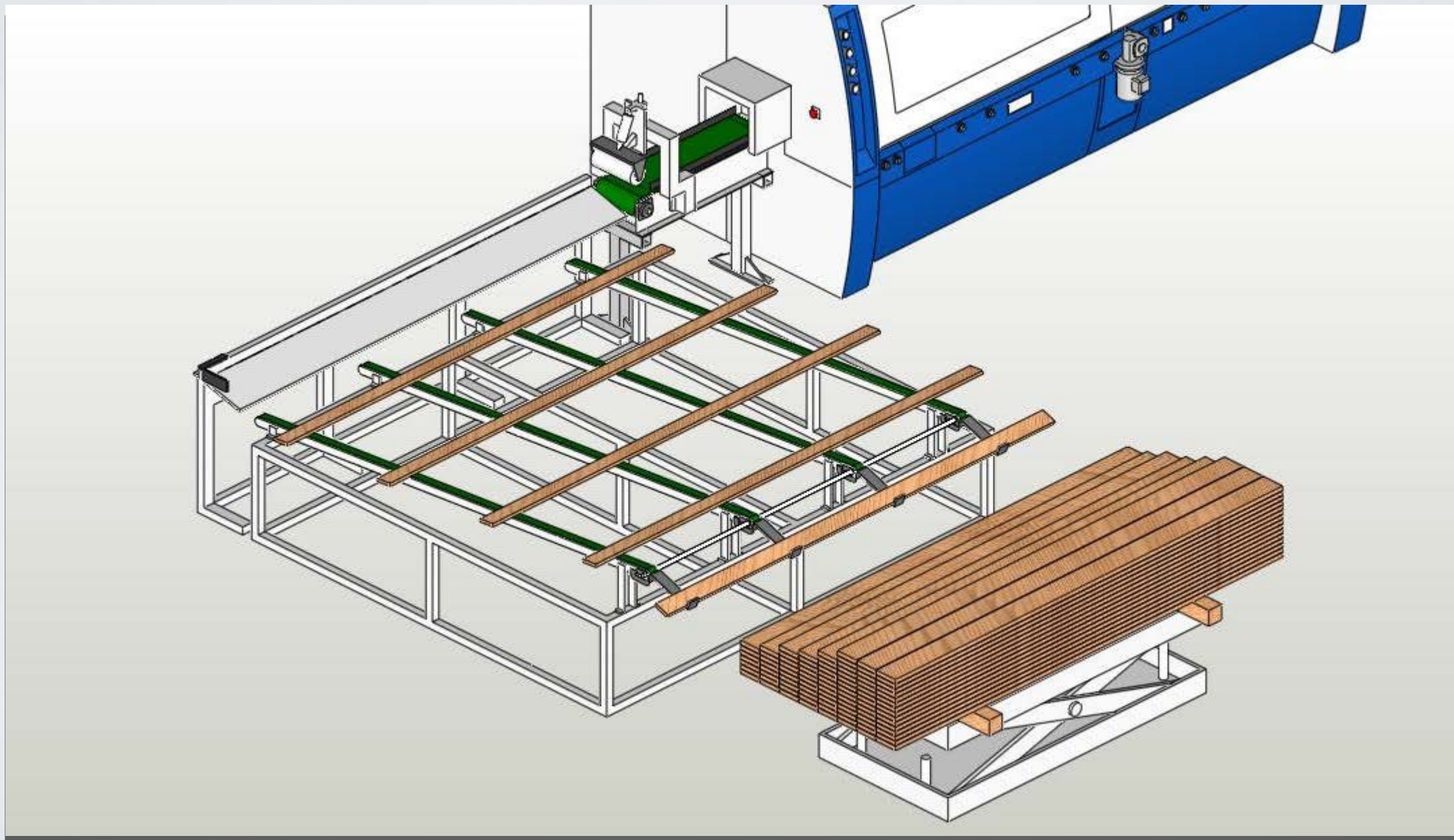


# R 02

- Simple outfeed system with auto cross chain / belt.
- Material are collected and stacked according to the working height by hydro elevating platform.

Length	8,500 mm
Depth	5,700 mm

▸ Space needs for outfeed system



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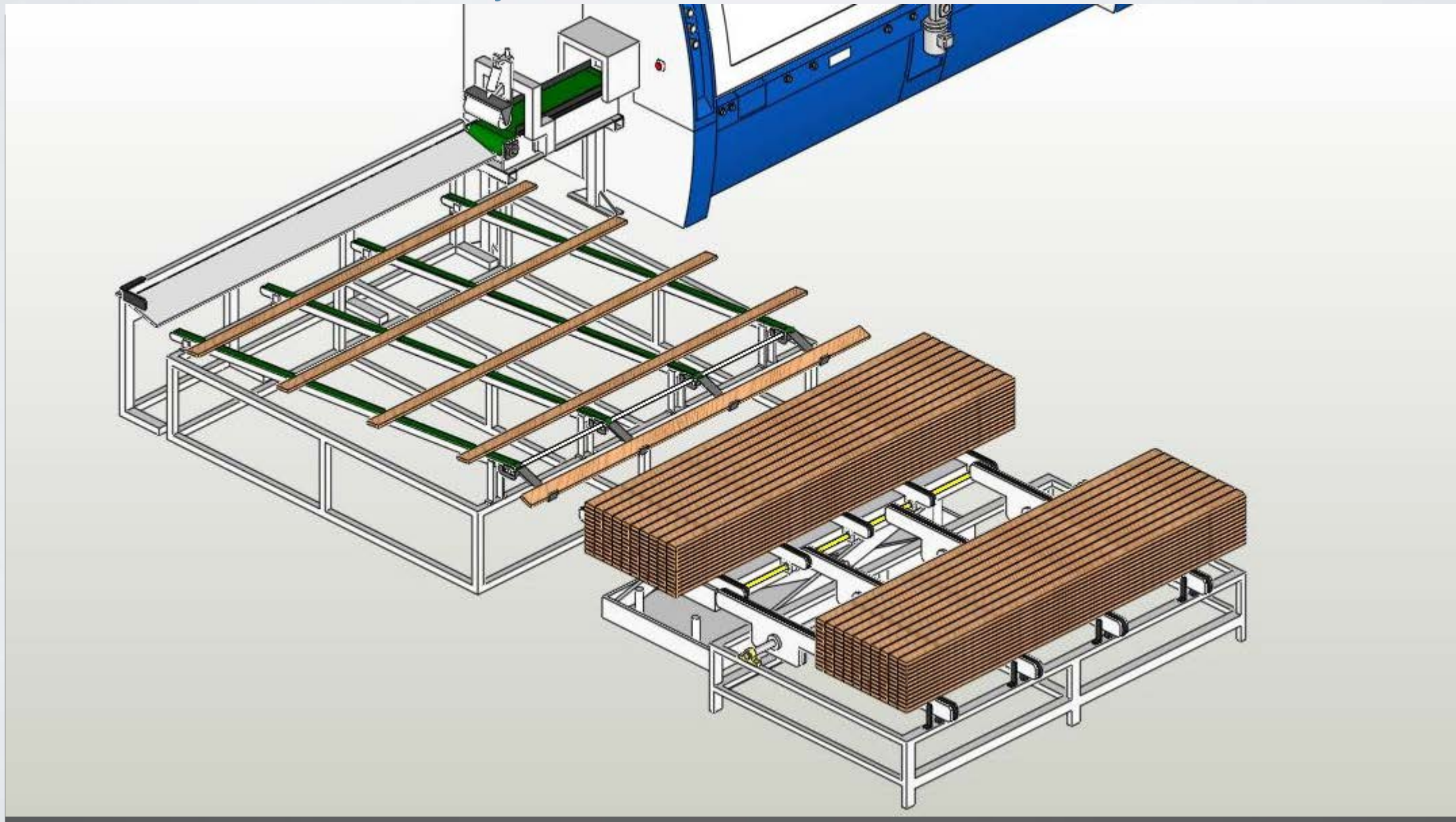


# R 03

- Simple outfeed system with auto cross chain / belt table and stack by stack chain table to outfeed.
- Material are collected and stacked according to the working height by hydro elevating platform.
- Chains outfeeder feeds the stacked materials to forklift, move and unload easily

Length	8,500 mm
Depth	7,200 mm

▸ Space needs for outfeed system



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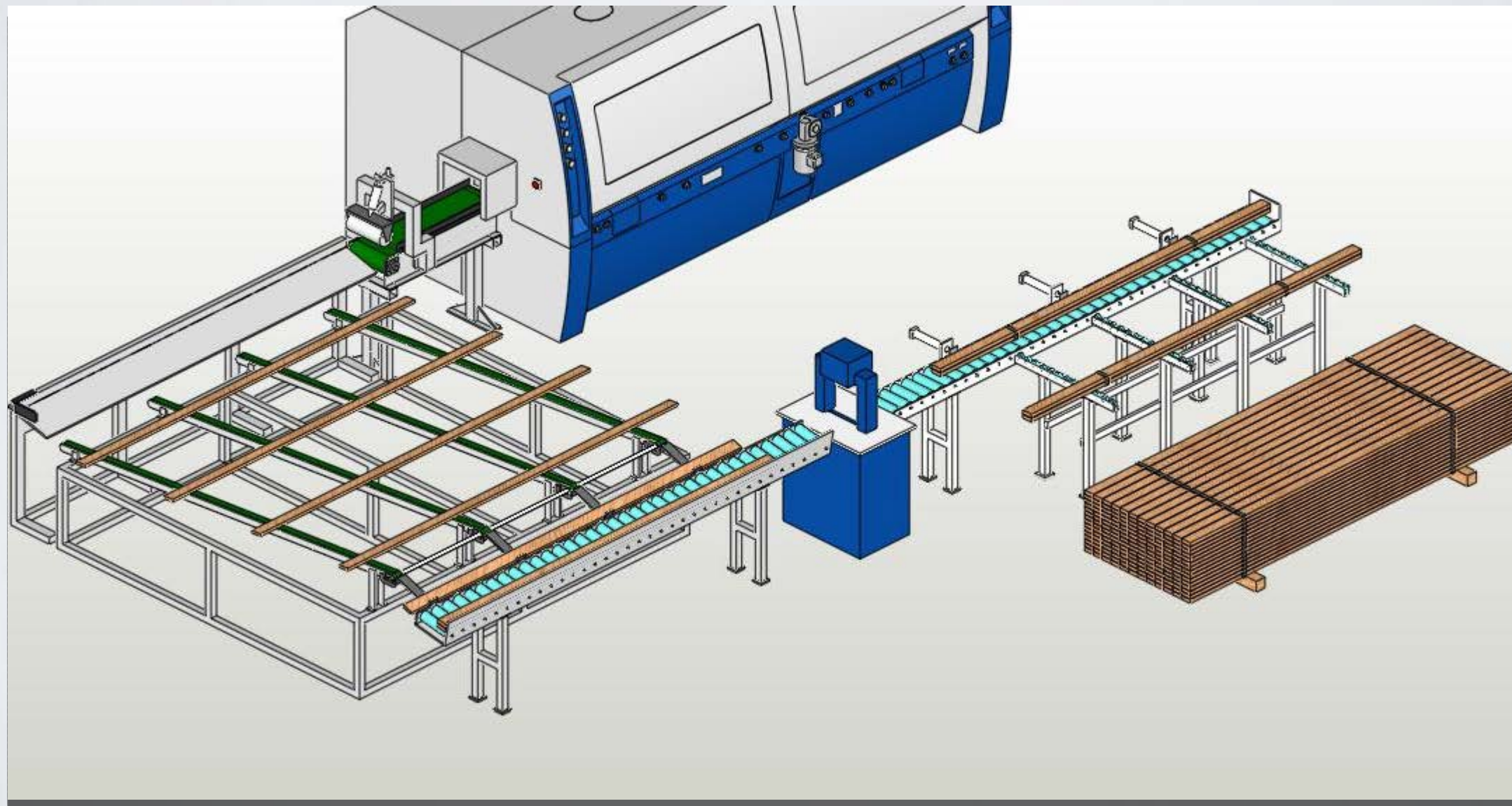


# R 04

- Simple outfeed system with crosswise manual out feeding system, from bundle station to stacking place.
- To make the bundle by automatic strapping system with plastic banding.
- Material outfeed continually by chain, stacked by manual.

Length	13,500 mm
Depth	4,500 mm

▸ Space needs for outfeed system



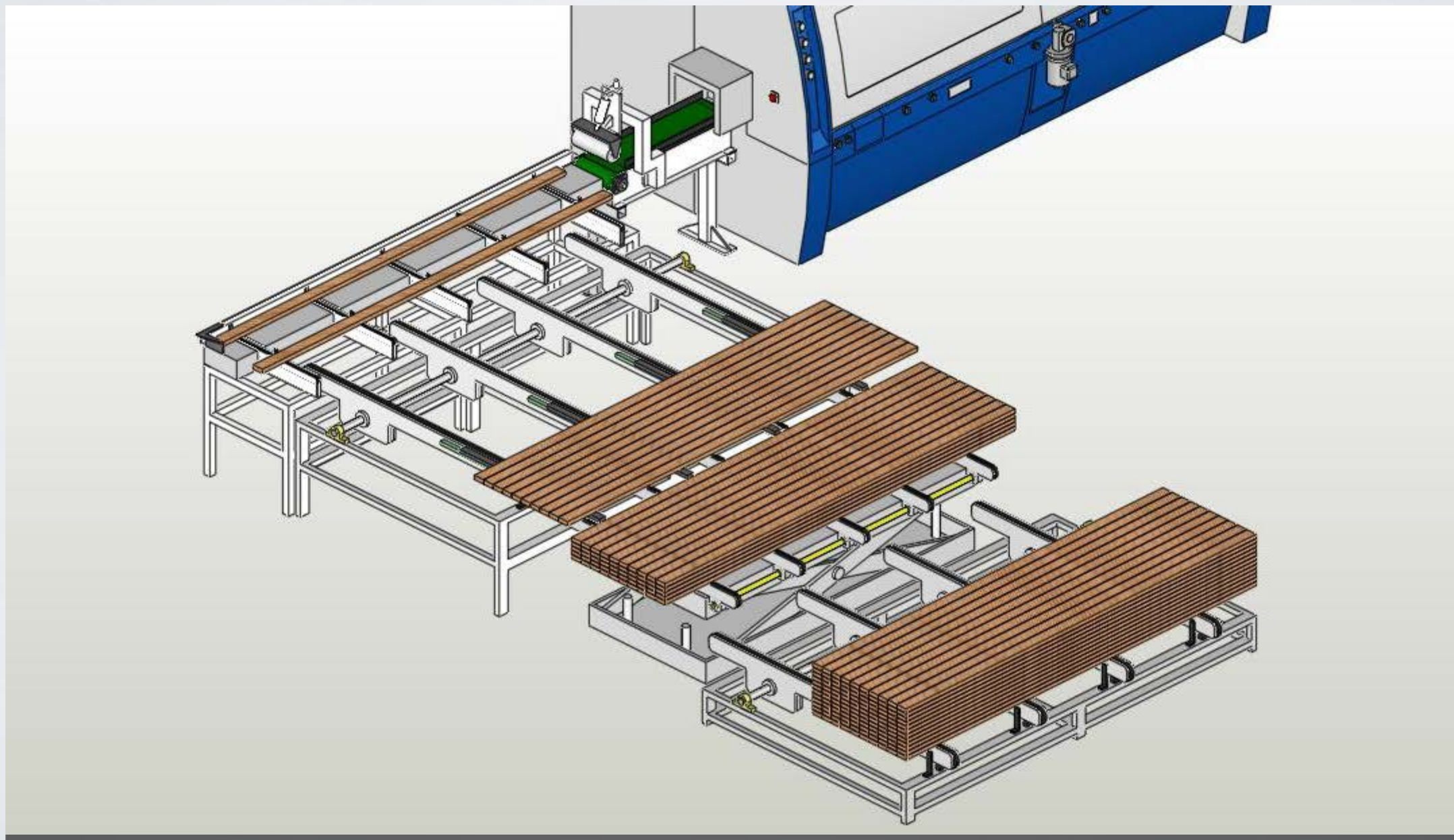


# R 05

- Entirely automatic stacking
- Material outfeed continually by chain.

Length	8,500 mm
Depth	9,900 mm

▸ Space needs for outfeed system



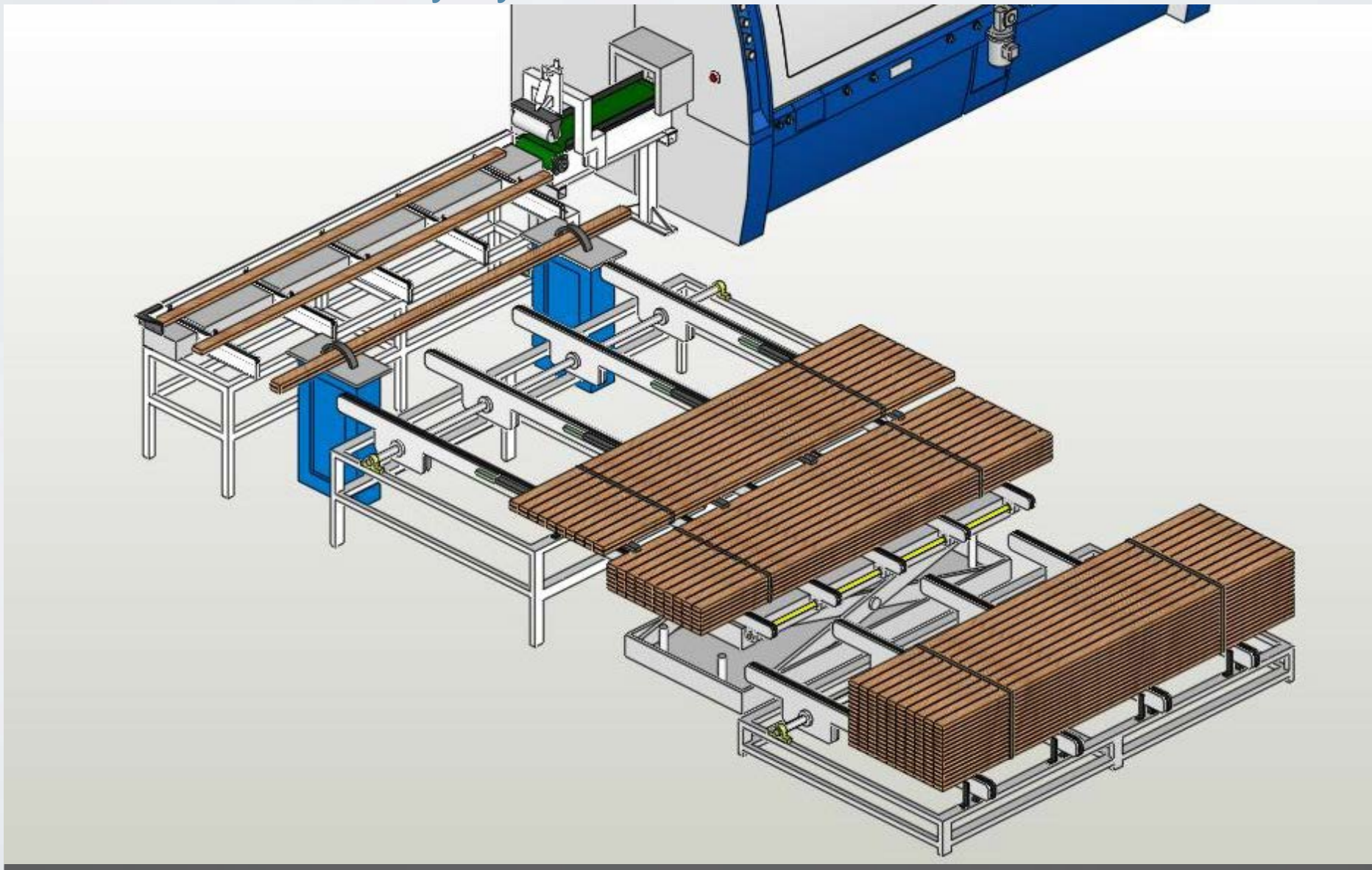


# R 06

- Simple outfeed system with crosswise manual out feeding system, from bundle station to stacking place.
- To make the bundle by automatic strapping system with plastic banding.
- Entirely automatic stacking with layer forming system.
- Material outfeed continually by chain.

Length	8,500 mm
Depth	12,700 mm

- Space needs for outfeed system

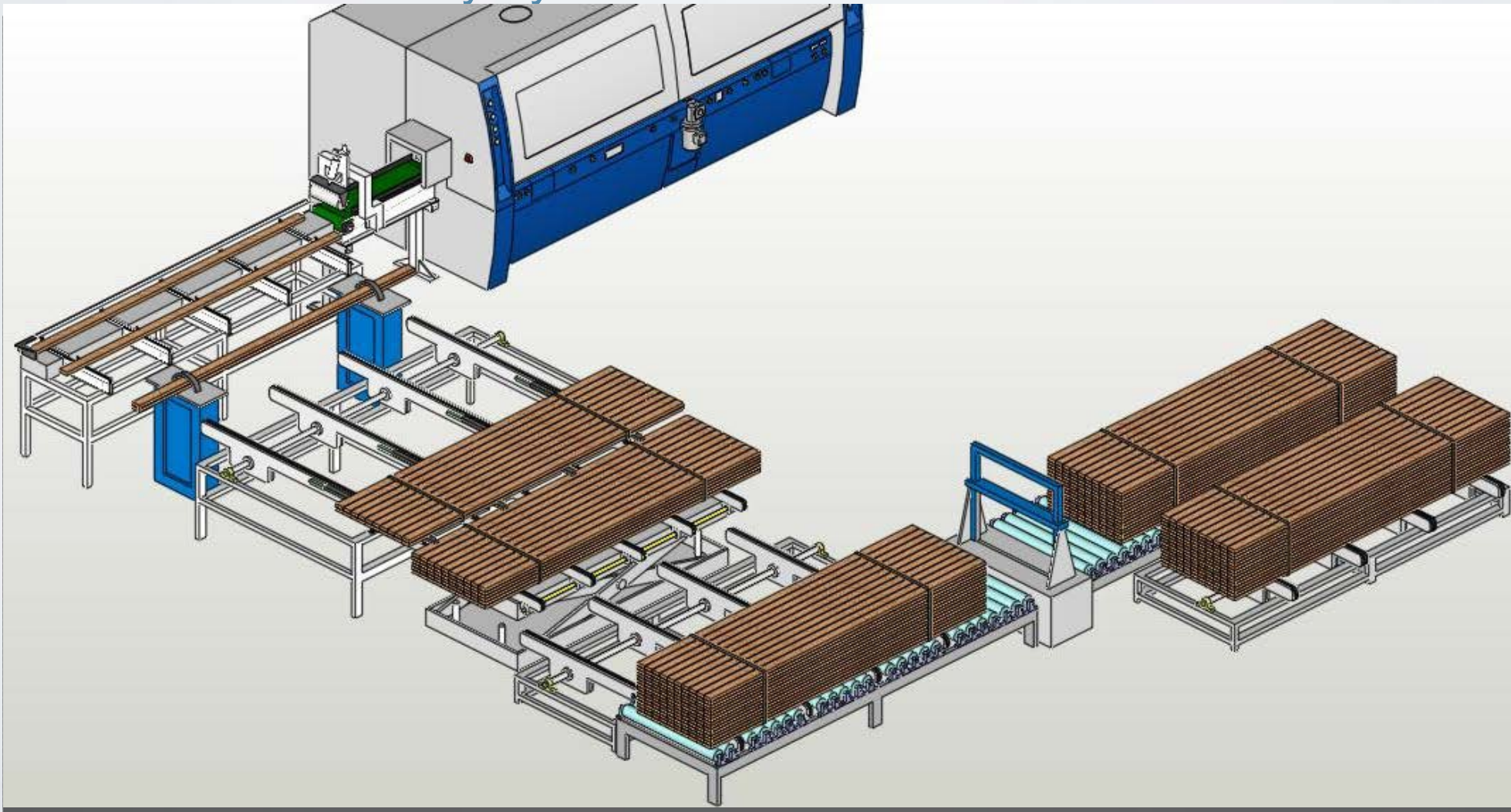




- Circular outfeed system with lifting bar, from bundle station to stacking place.
- To make the bundle by manual strapping system with plastic banding.
- Entirely automatic stacking.
- To make the stacking strapped with plastic banding.
- Sheeting for covering items.
- Auto - vertical stacking for multiple bundles.
- Material outfeed continually by chain.

Length	13,500 mm
Depth	12,200 mm

▸ Space needs for outfeed system



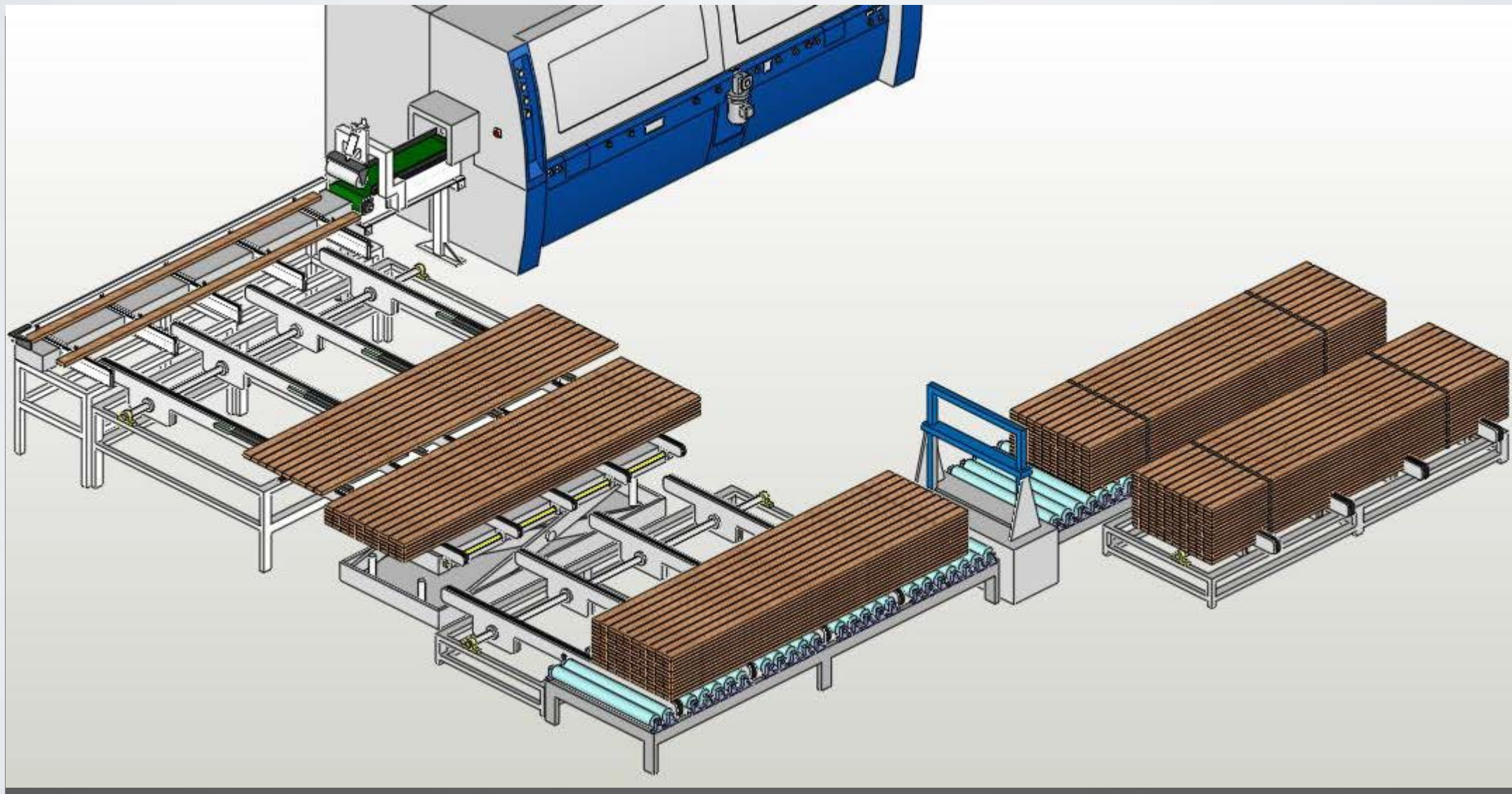


# R 08

- Entirely automatic stacking.
- To make the stacking strapped with plastic banding.
- Sheeting for covering items .
- Auto- vertical stacking for multiple bundles.
- Material outfeed continually by chain .

Length	8,500 mm
Depth	9,900 mm

▸ Space needs for outfeed system



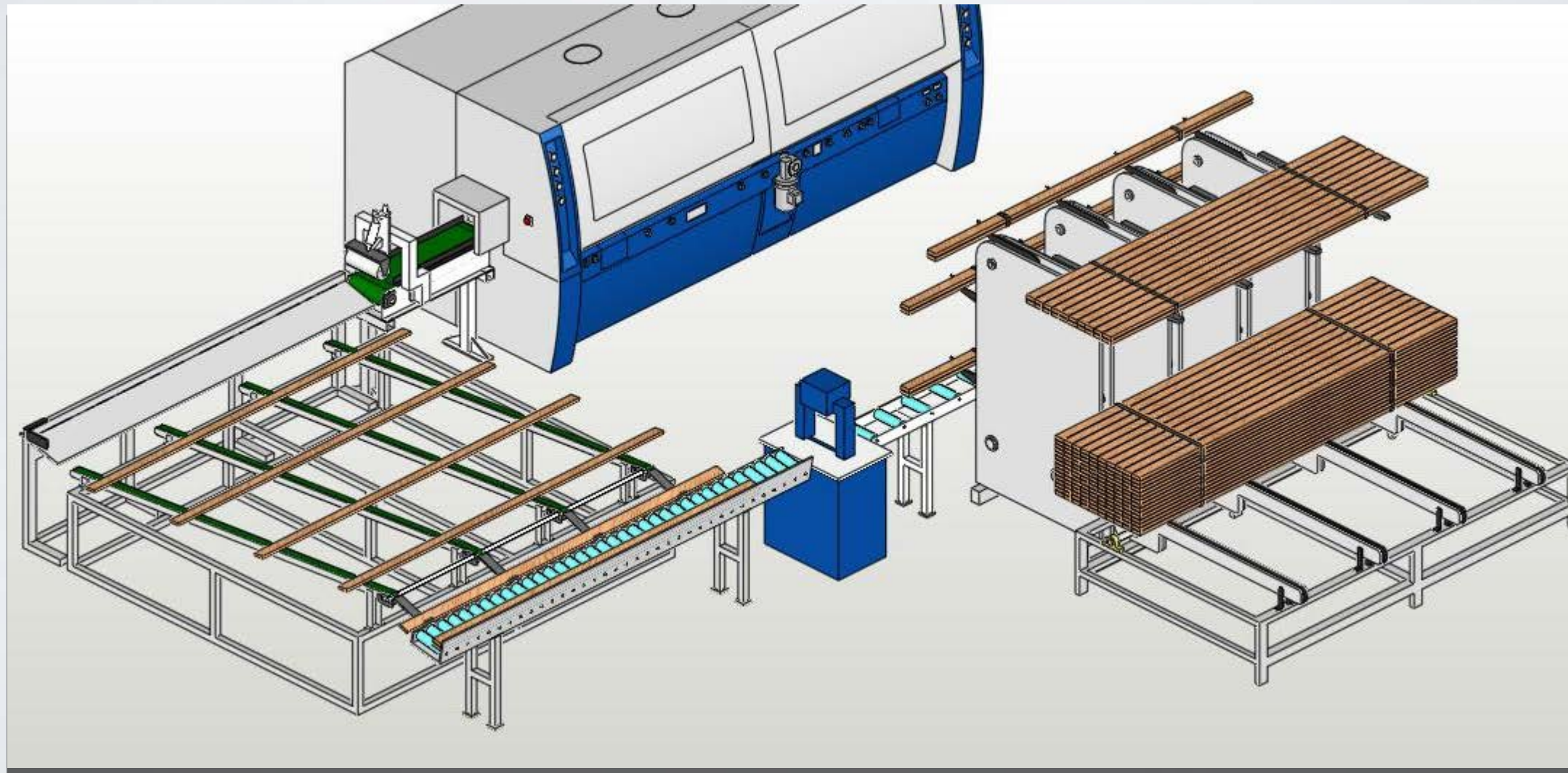


# R 09

- Simple outfeed system with crosswise manual out feeding system, from bundle station to stacking place.
- To make the bundle by automatic strapping system with plastic banding.
- Entirely automatic stacking with layer forming system.
- Material outfeed continually by chain.

Length	13,200 mm
Depth	7,700 mm

▸ Space needs for outfeed system



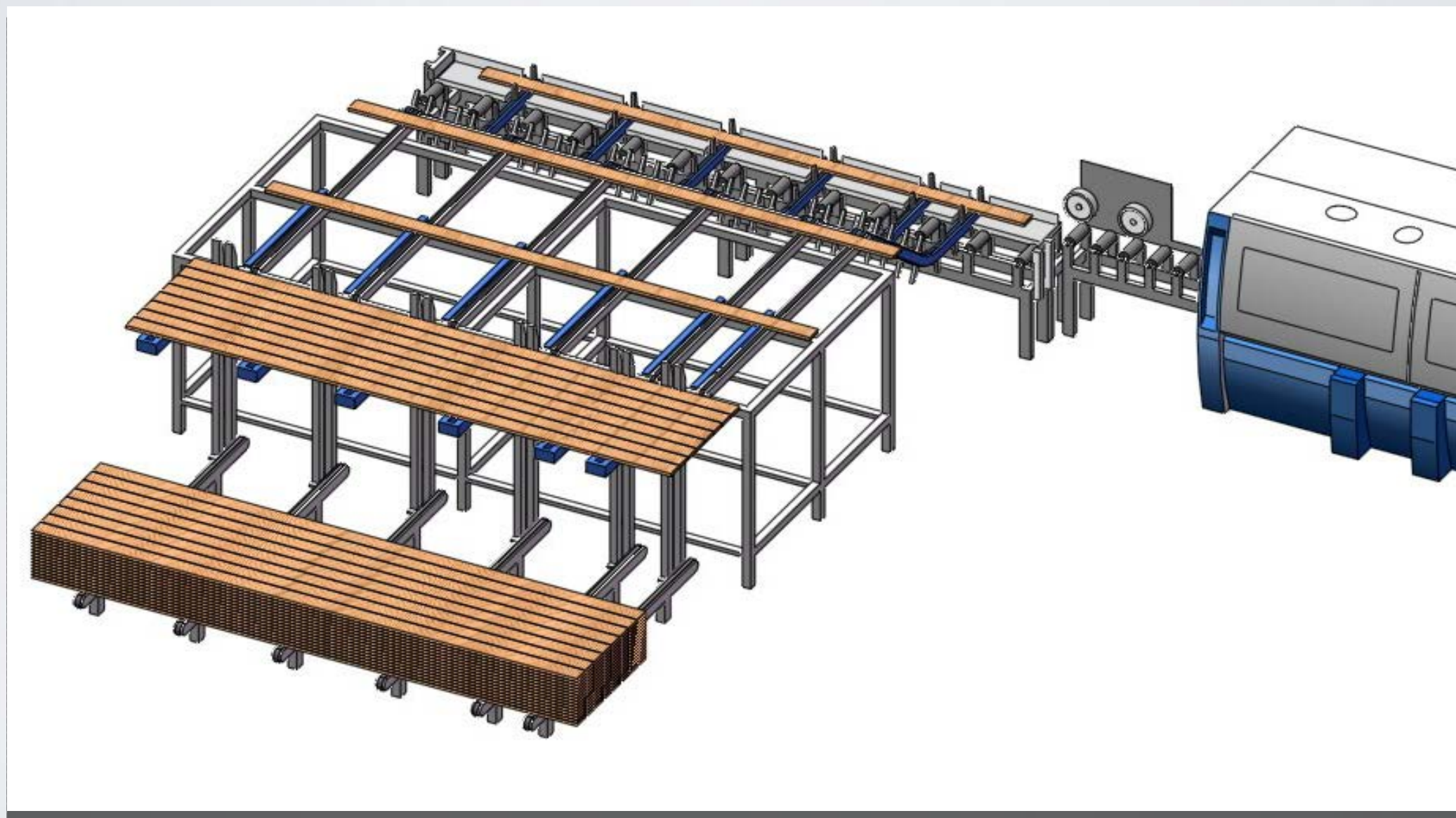


# R 10

- Entirely automatic stacking without layer forming system.
- Working pieces outfeed continually by chain.

Length	13,200 mm
Depth	7,700 mm

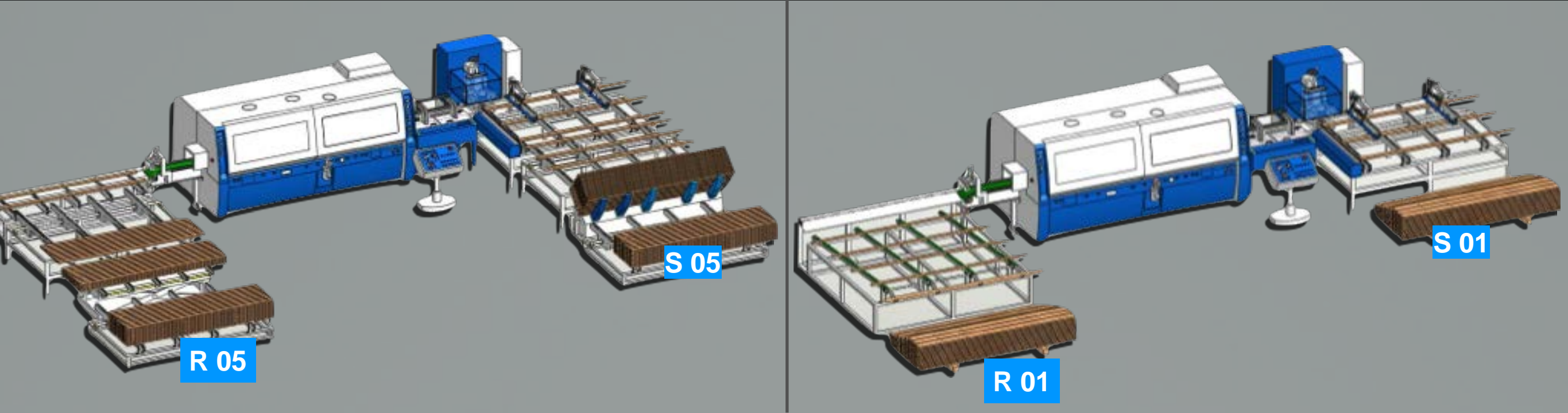
▸ Space needs for outfeed system





# LEADERMAC High-speed systems:

## Whole material handling lines designed using modular equipments



### Overview of High-speed system:

The modular wood pieces can be combined and deals with through this system on cross section and length of the wood pieces are possible limitations.

Machine, workpiece and specification	
4-sides moulder feed speed	36/60/80/100 M/min
Stack material weight max	3/4t
Max. stack dimensions-width, height, length	1200, 1200, 6100 mm
Workpiece length,min.-max.	(300-)1800-6100 mm
Workpiece width, min.-max.	50-230 mm
Workpiece thickness, min. -max.	12-100 mm
Max. cross-area of single pieces	100 cm <sup>2</sup>
Max. workpiece	30 kg
Width of bundles, min.-max.	80-220 mm
Height bundlis, min. -max.	80-160 mm

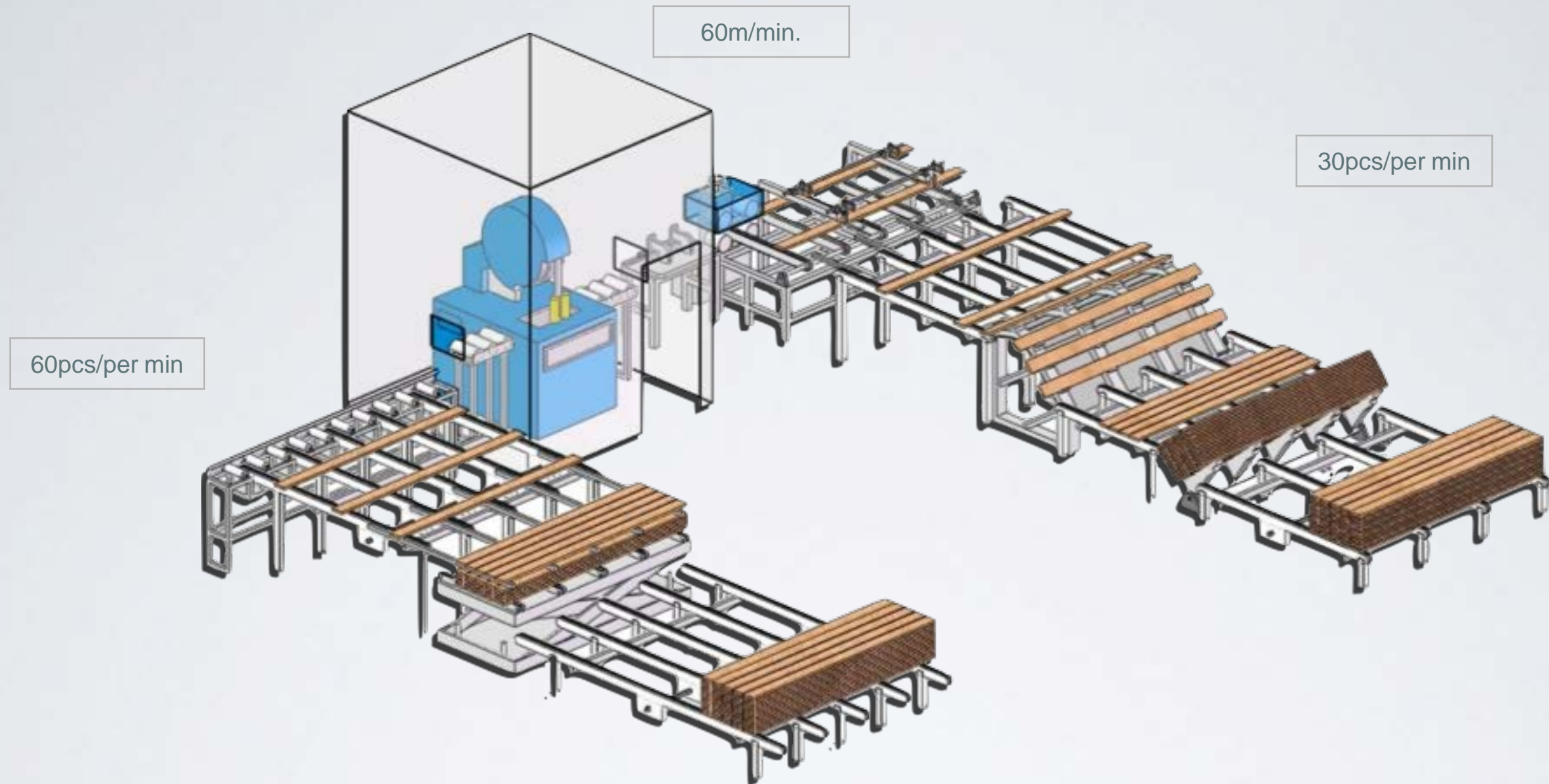
Technical specifications subject to change without notice.

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# LEADERMAC High-speed Automation:

Brightly combined modular material handling system



We rely on our extensive experience from our customer's feedback to create and grow up modular systems. No matter how different your products or requirements, we can match up your specific needs. Our idea is reducing manpower requirements, the basic range from the infeeds or outfeeds to complete automation system. Inquire our specialists and it's the best solution to answer your unique operation.

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# MORE VALUABLE FEEDING SYSTEM

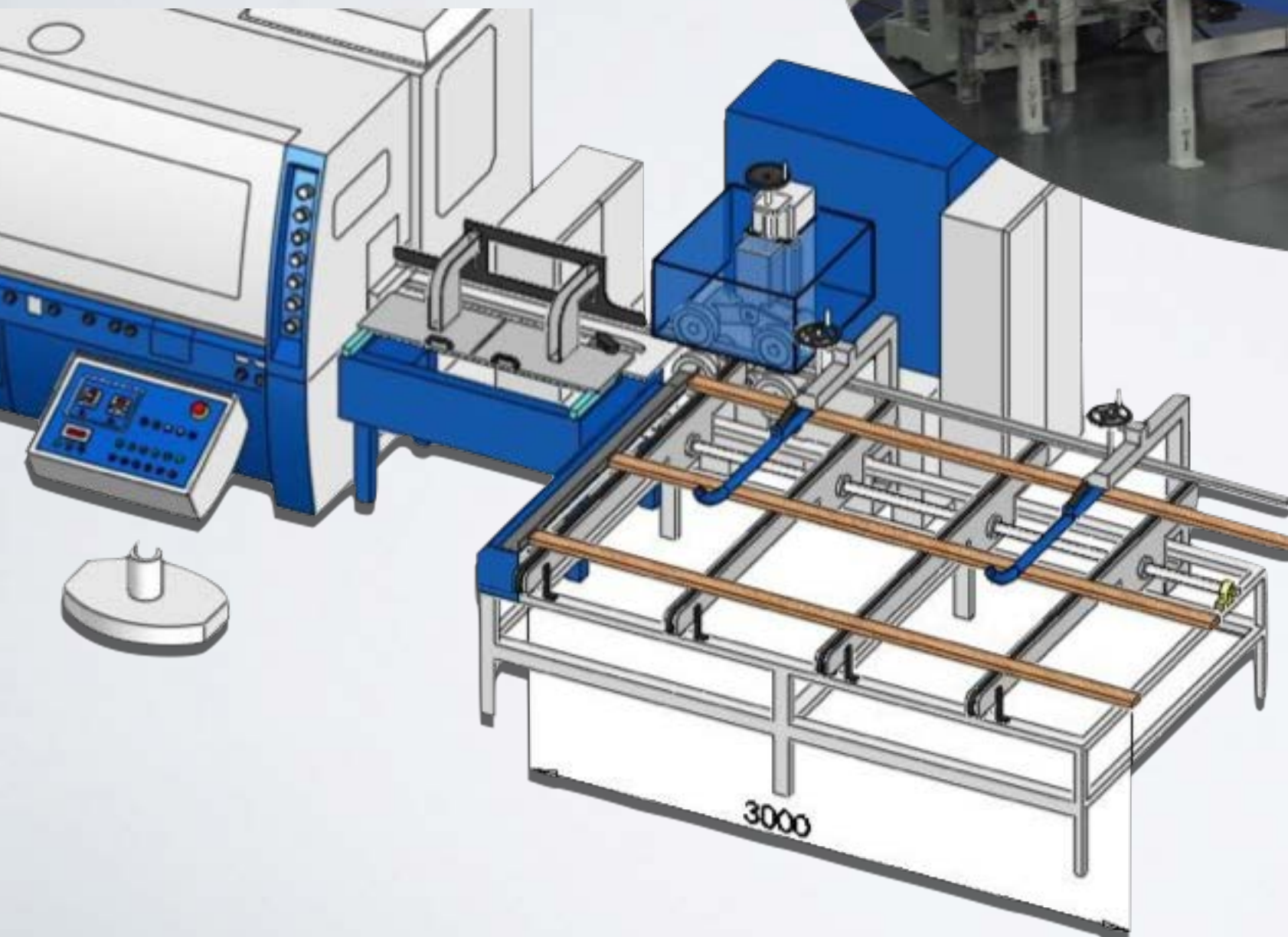


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# FEEDMAC 01

- Infeeding System (chain type)
- Continue feeding the working piece



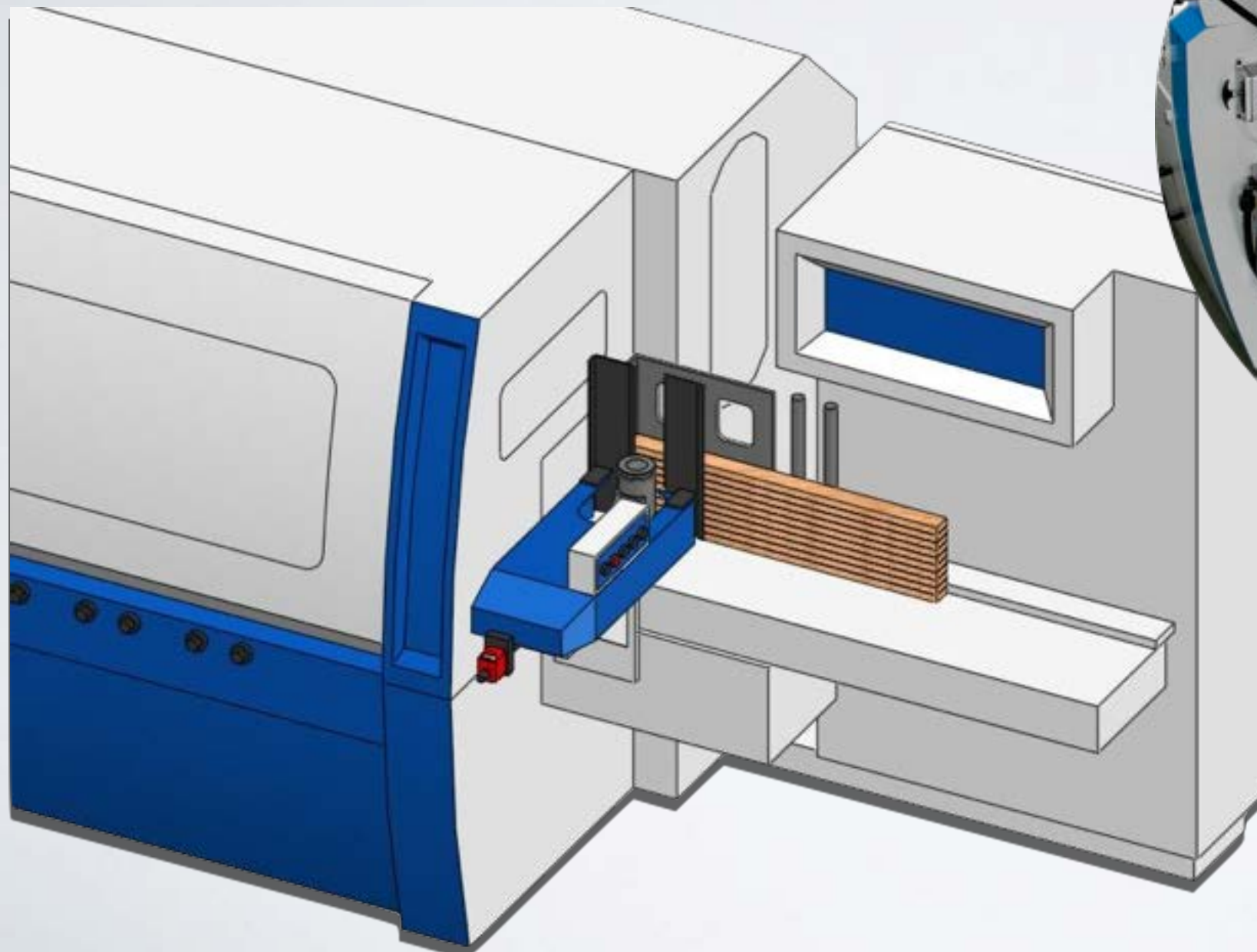
Length of Pieces	500~3000mm or 500~6000mm
Thickness of Pieces	10~150mm

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# FEEDMAC 02

- Infeeding System (side feeding roller by pneumatic with hydro. system )

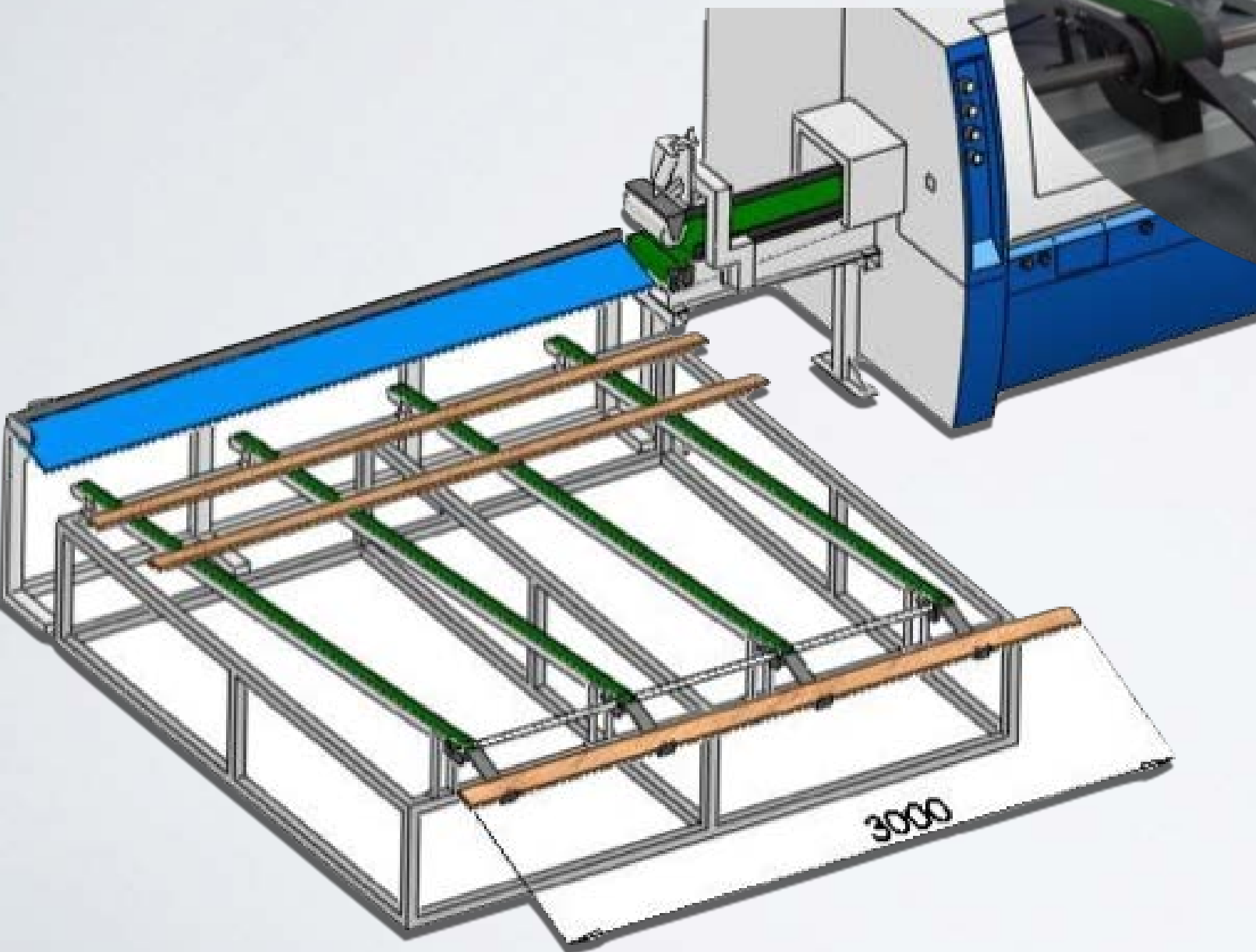


Length of Pieces	250~2500mm
Thickness of Pieces	10~150mm



# FEEDMAC 03

- Outfeeding System (chain type)



Length of Pieces	500~3000mm or 500~6000mm
Thickness of Pieces	10~150mm

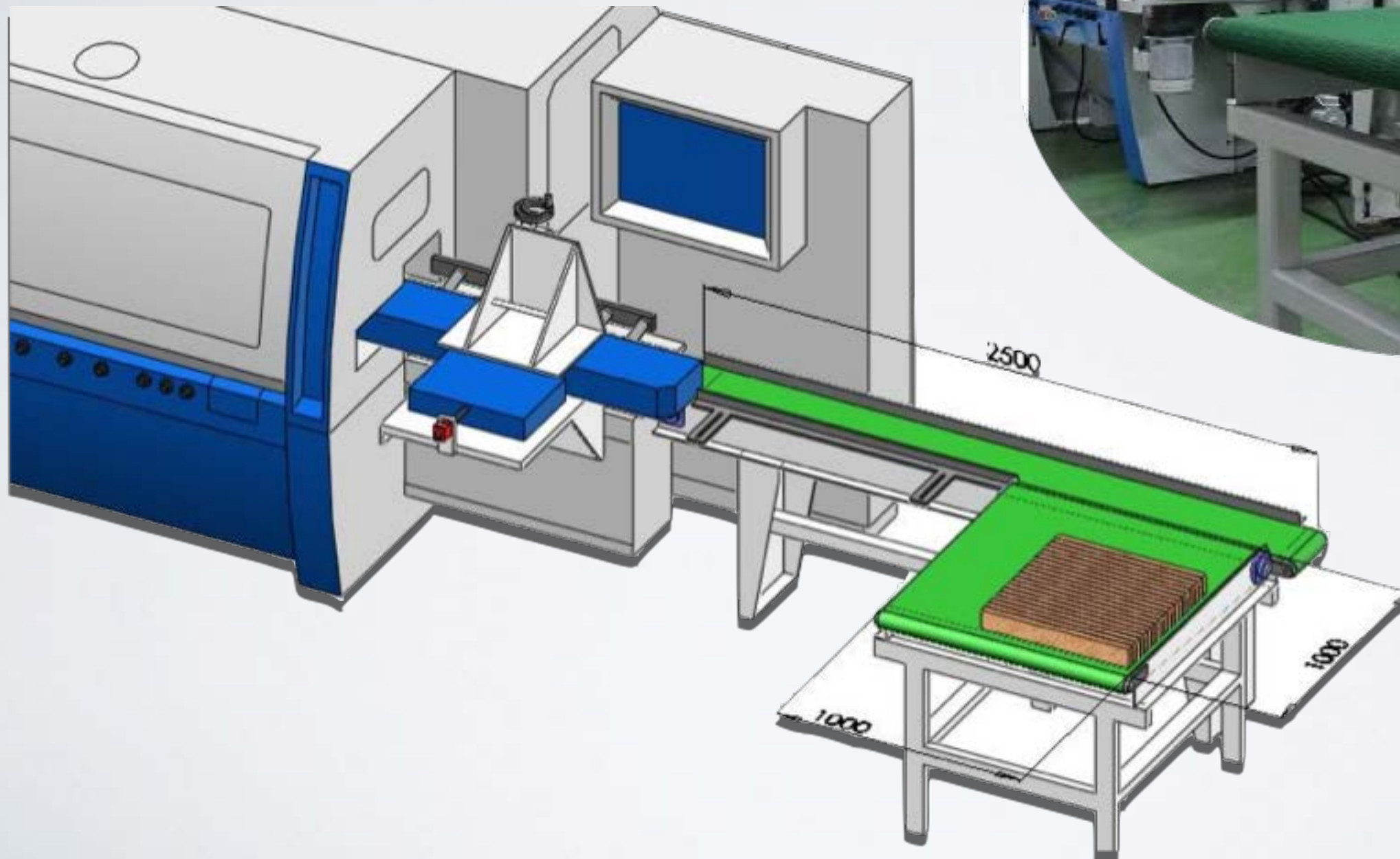


# FEEDMAC 04

- Infeeding System (conveyer belt type)

For Feeding The Short Pieces

100~1500mm



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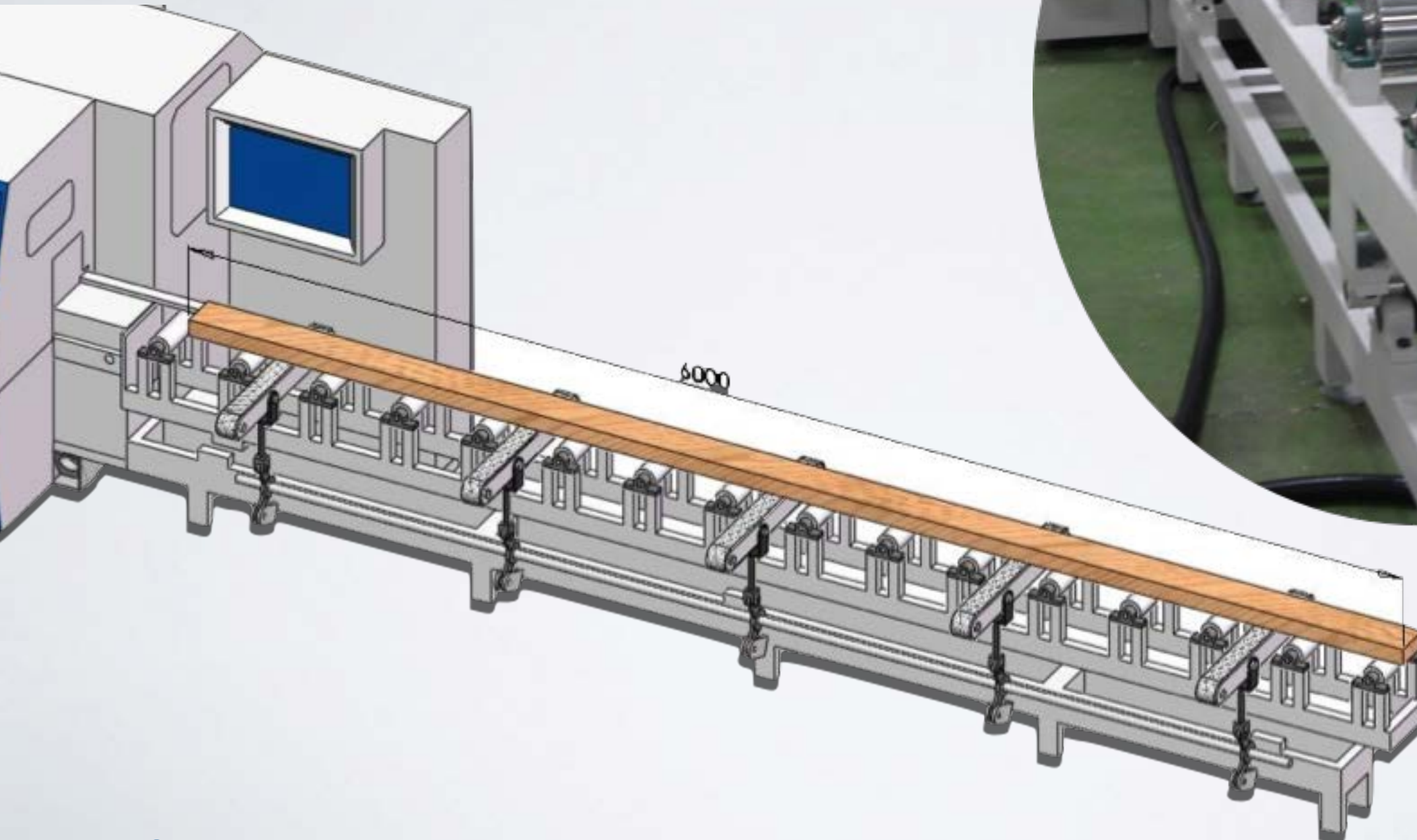


# FEEDMAC 05

- Infeeding System (roller type)

For Feeding The Heavy and Long  
Pieces

8,000~12,000mm



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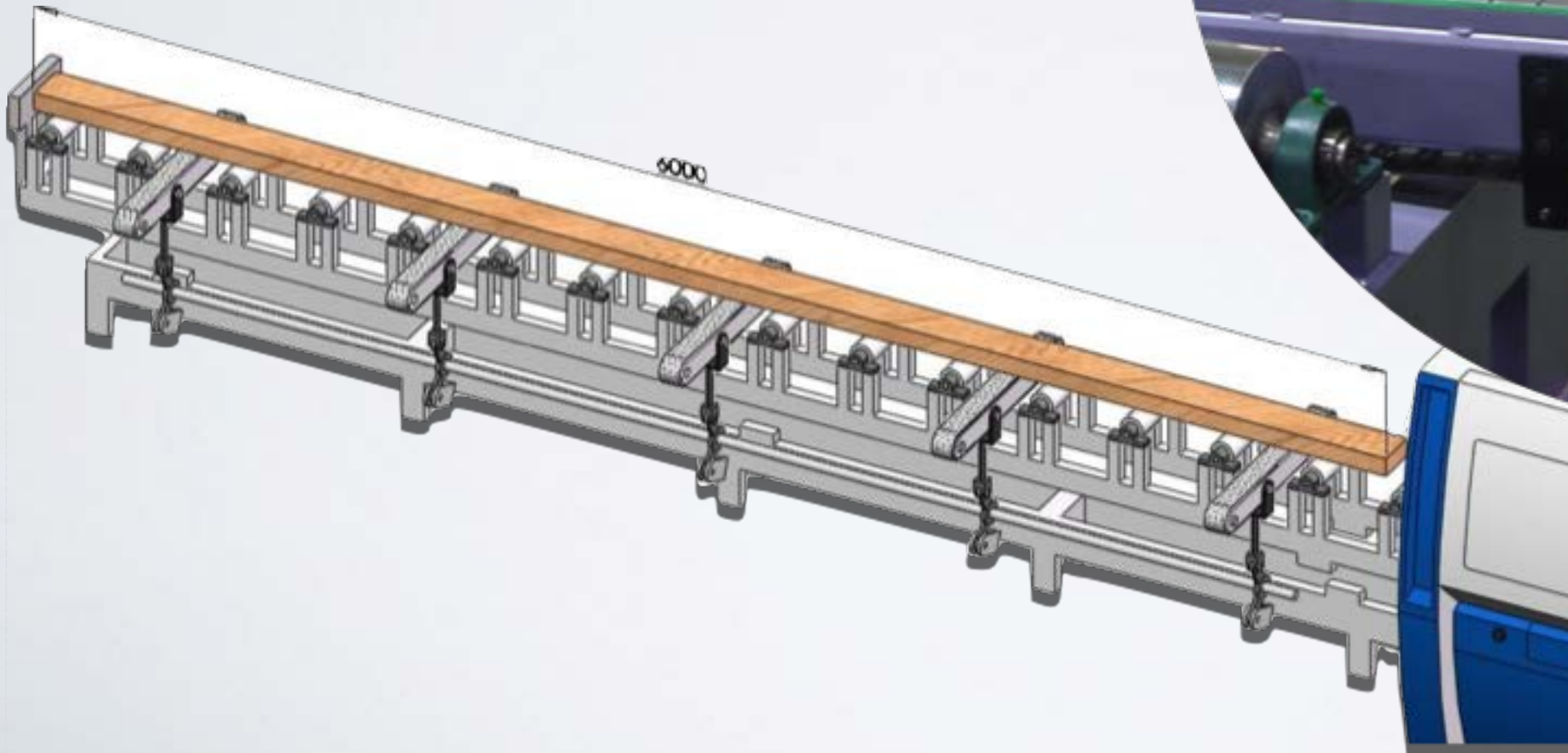


# FEEDMAC 06

- Outfeeding System (roller type)

For Feeding The Heavy and Long  
Pieces

8,000~12,000mm

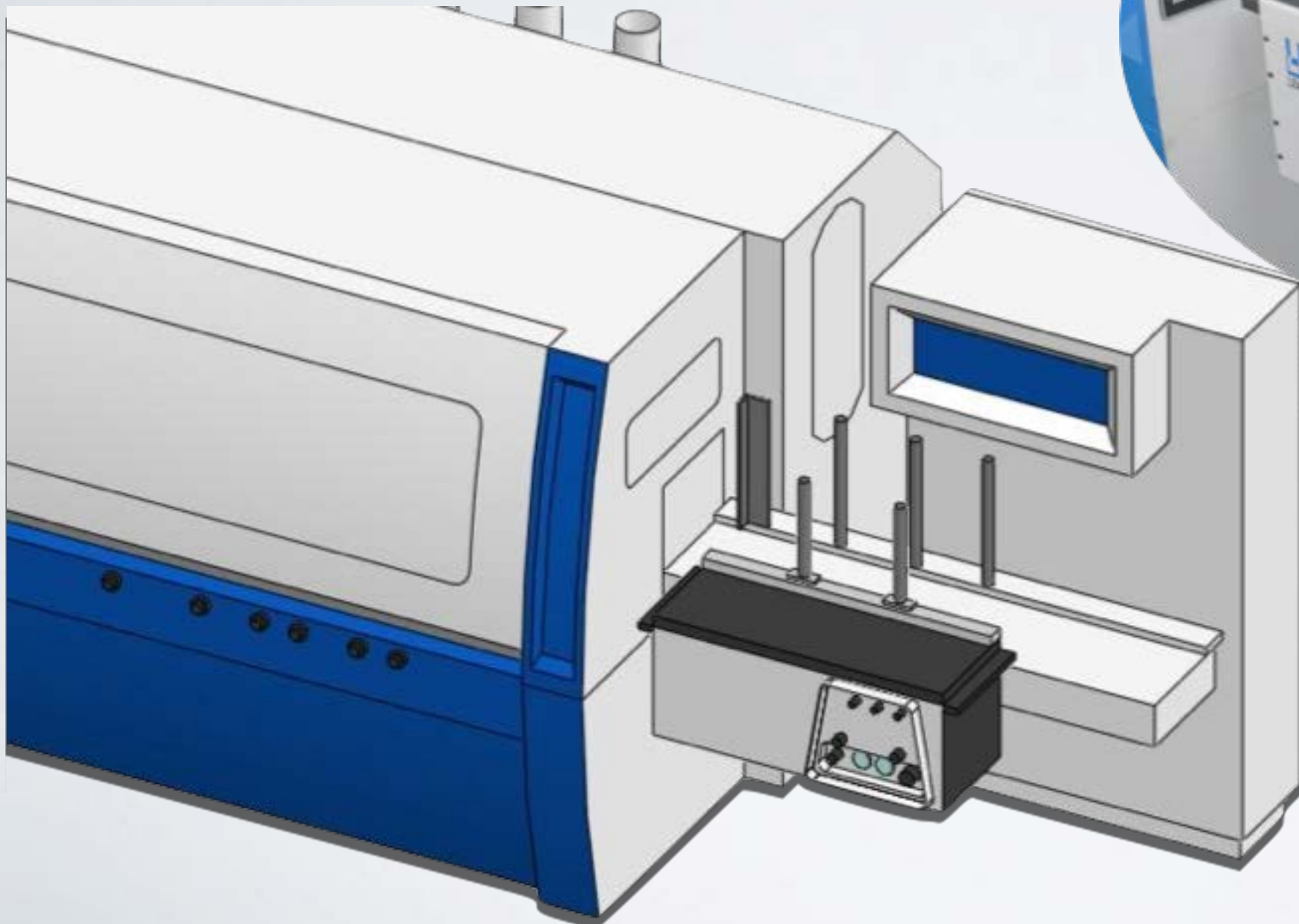


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# FEEDMAC 07

- Infeeding System
- Side feeding pusher with hydro. system
- For fixed length working pieces

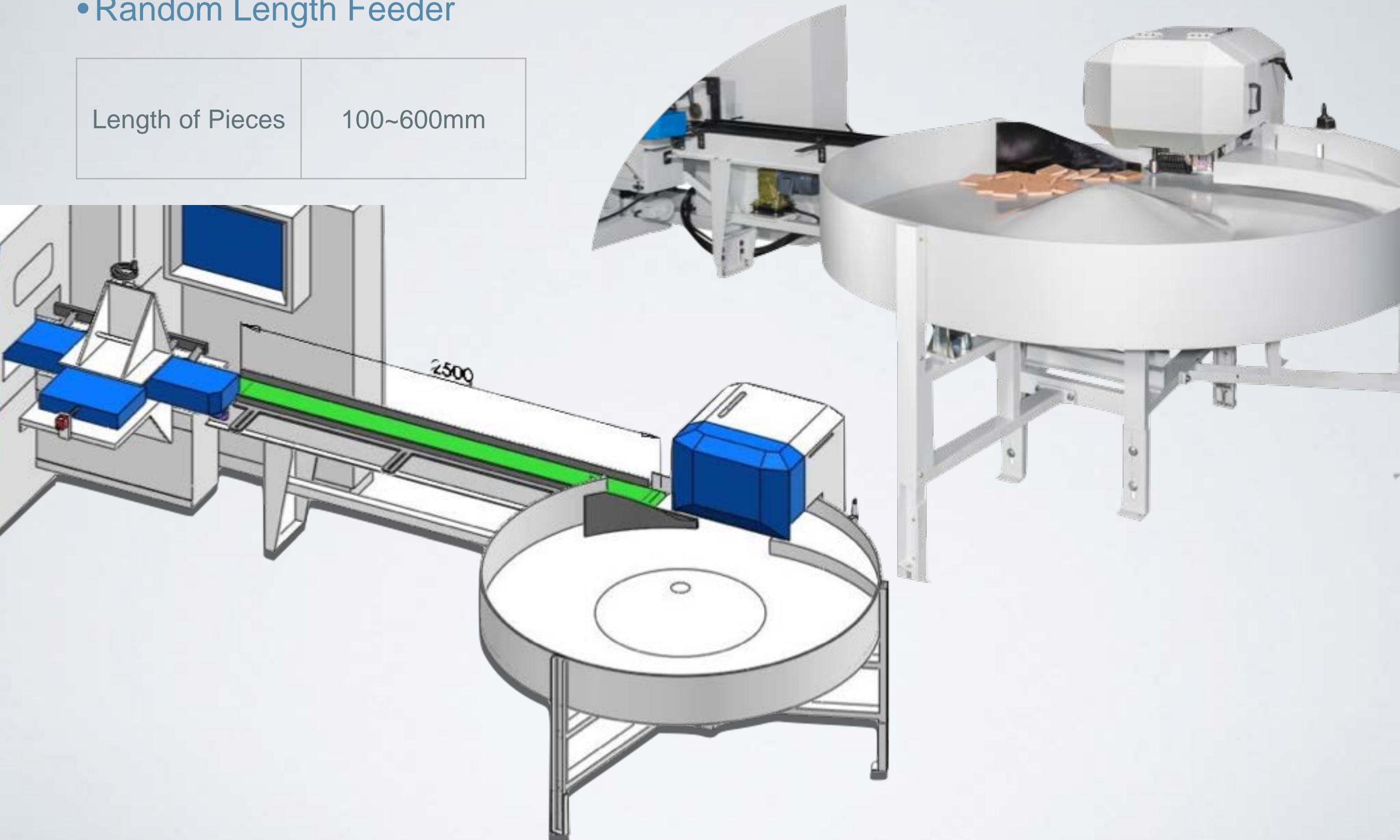




# FEEDMAC 08

- Random Length Feeder

Length of Pieces	100~600mm
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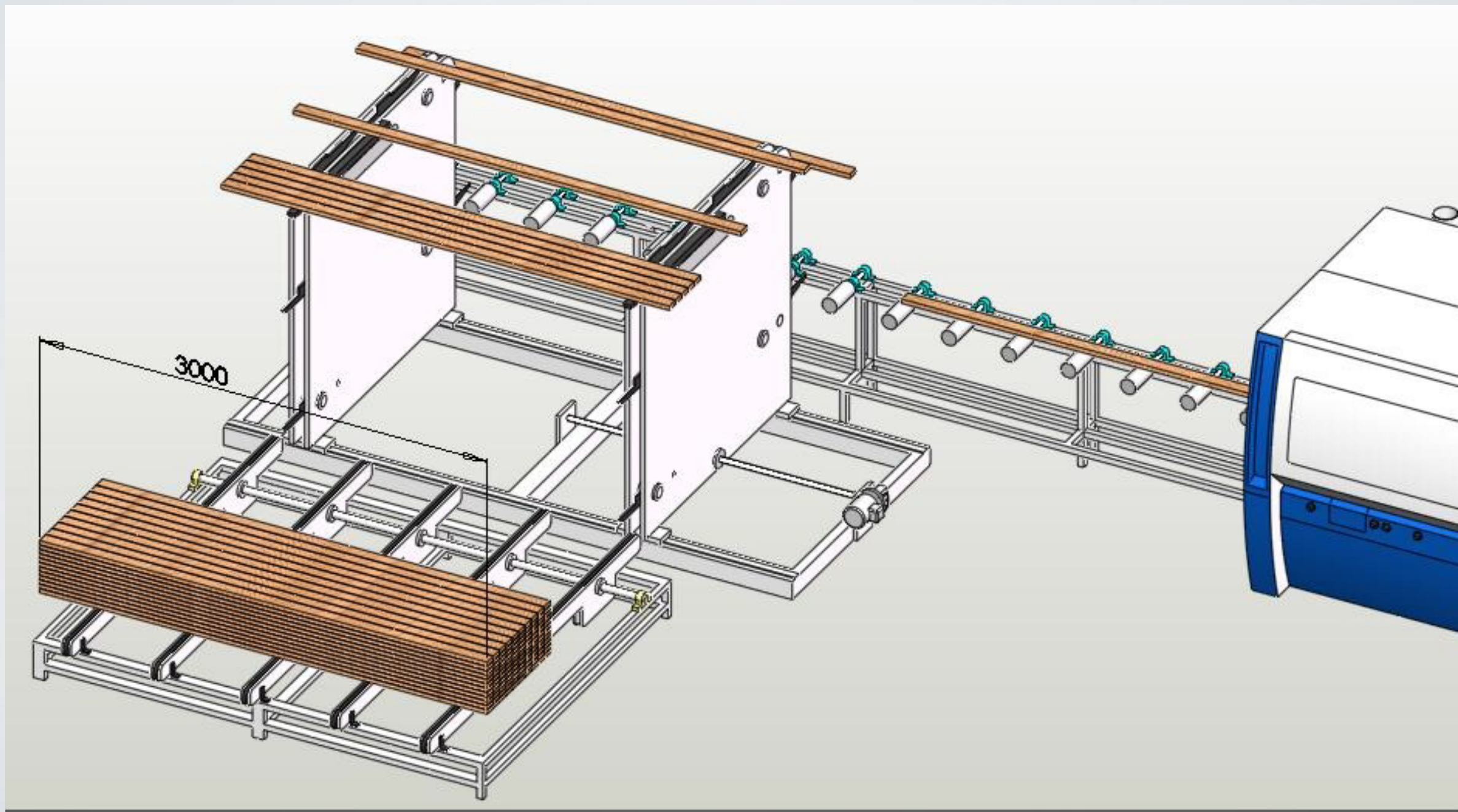




# FEEDMAC 12

- Cycle Stacking Receiver

Length of Pieces	500~6000mm
Max of Weight	2500kg



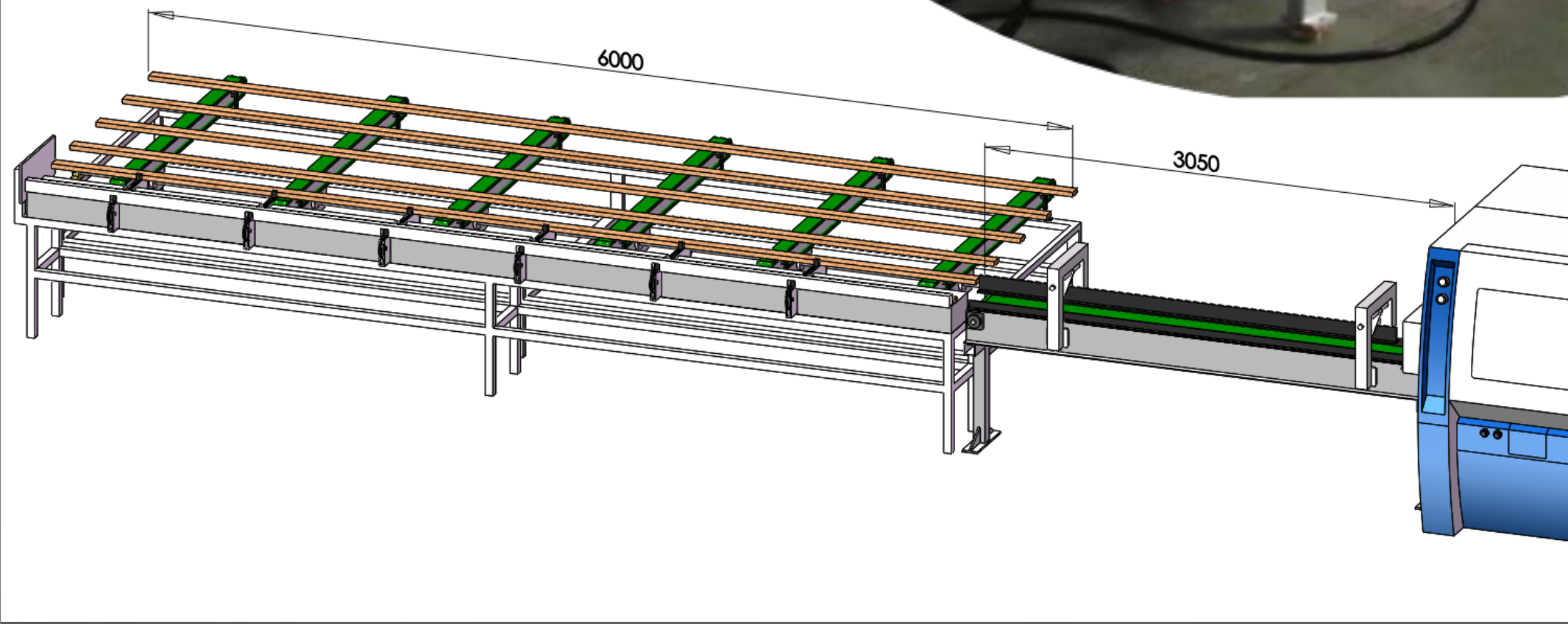
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# FEEDMAC 13

- Cycle Push Receiver

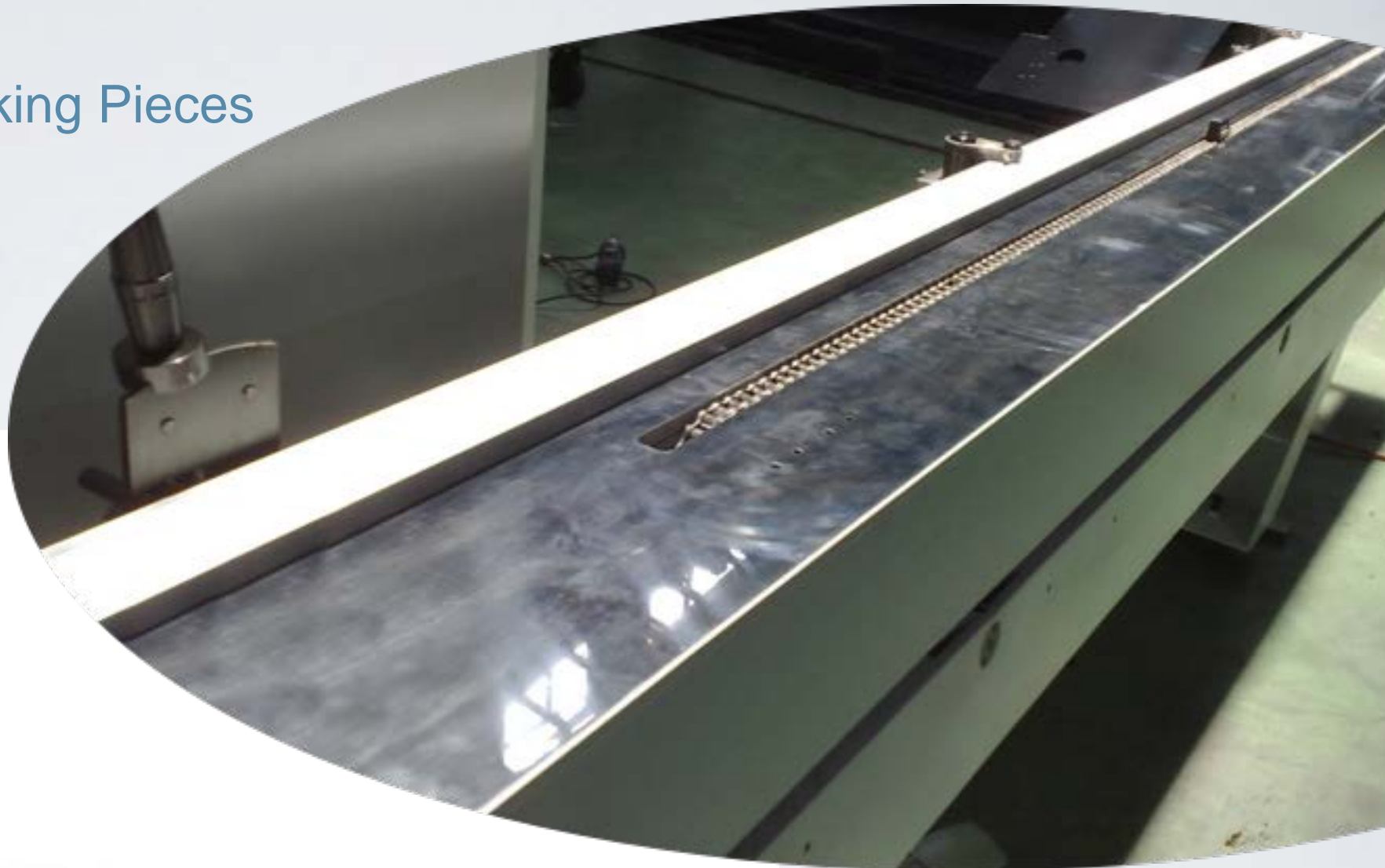
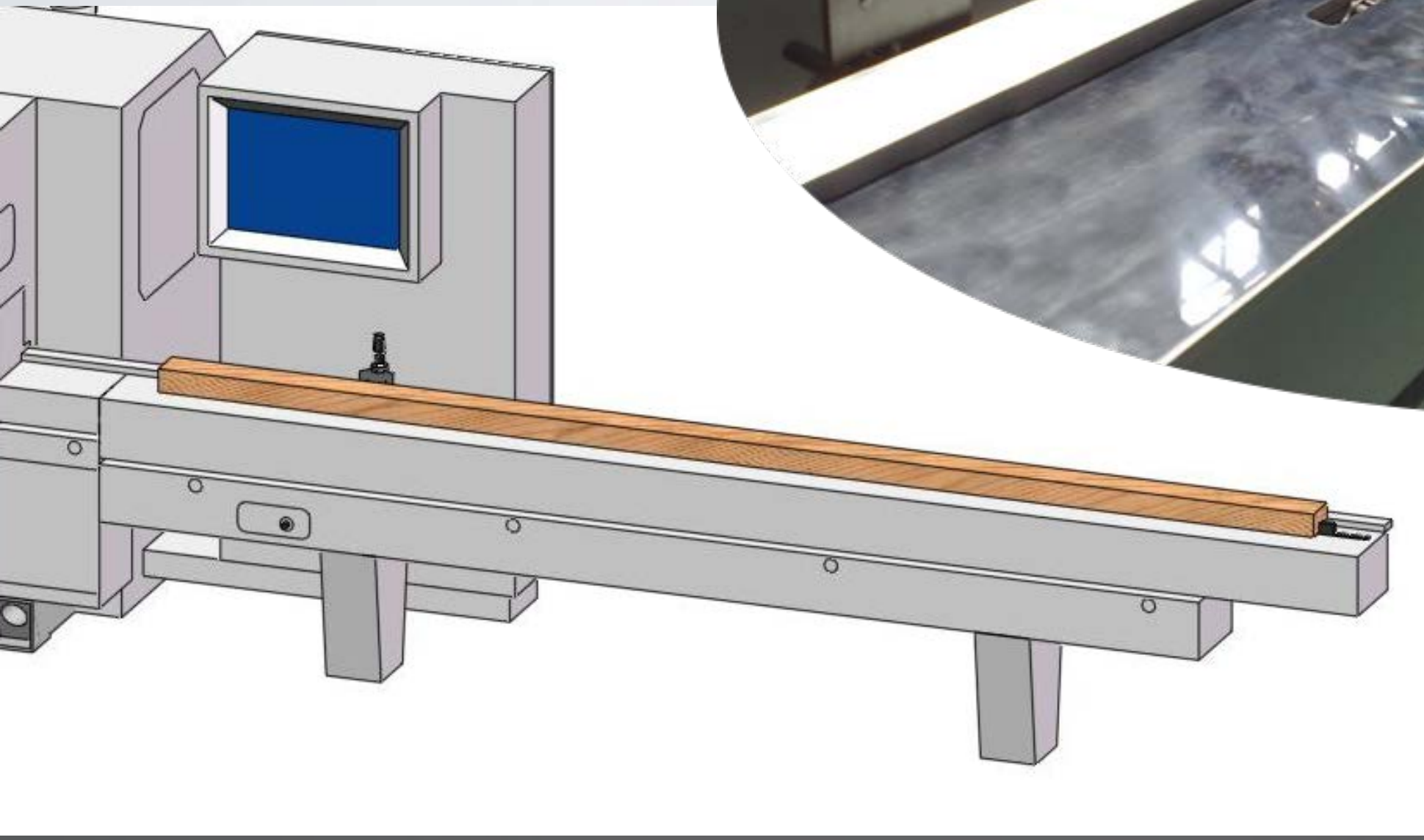
Length of Pieces	500~6000mm
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# FEEDMAC 14

- Hogging Chain Feeder
- For Perfect Straight Of Working Pieces



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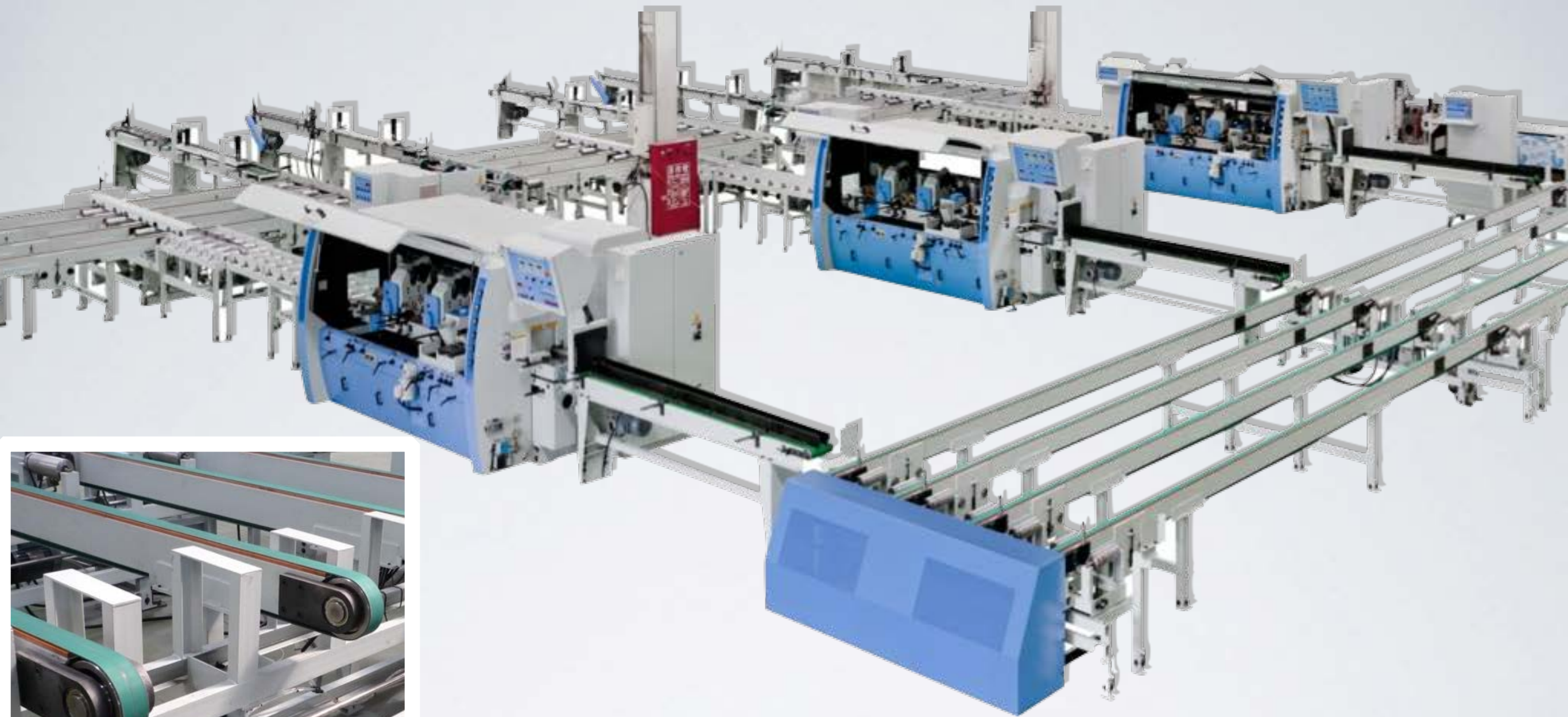




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# LEADERMAC MACHINERY CO., LTD

*We make the full components of wood processing fit together  
Including the full production equipment*



We build innovative machines and offer whole line system solution.

There are many customers need an entire factory including many different machines from many different manufacturers, but they want to have only one responsible partner.

LEADERMAC MACHINERY CO., LTD teams are topnotch specialist for the woodworking process. They can offer completed responsibility for you.

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