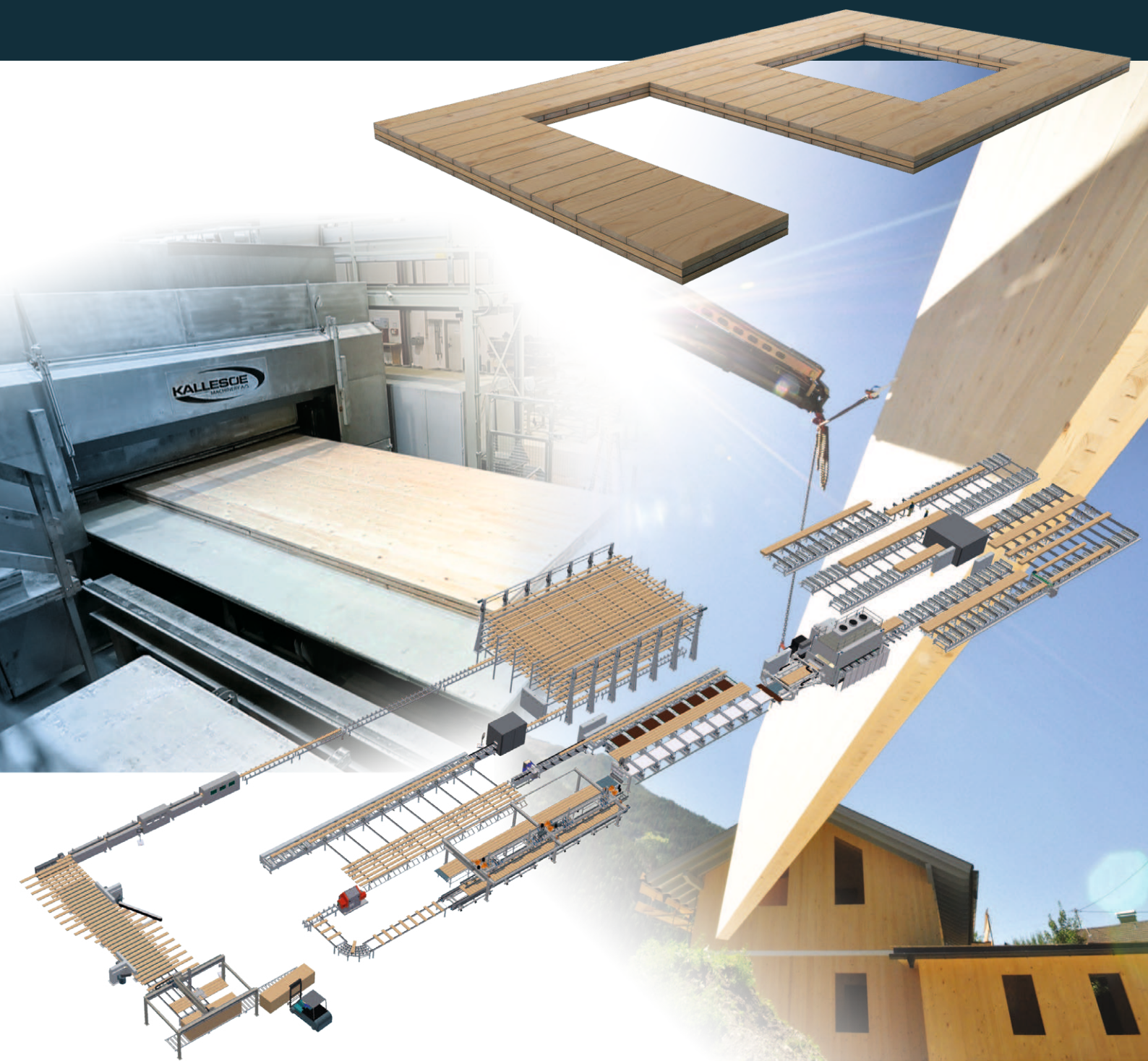


CLT system solutions



Project Engineering

Kallesoe Machinery is a full service, engineering and manufacturing company specializing in the wood industry. We have 50 years' experience in machine production and customized solutions for our customers all around the world.

Complete lines for production of CLT are our core expertise.

Whether your project involves establishing a new production line, upgrading an existing process, or scaling up your current plant, Kallesoe Machinery has the expertise to produce solutions that are right for the job.

Tailored solutions

We focus on your individual production requirements that match your required capacity levels and investment.

With the laminating high frequency press as the centerpiece, Kallesoe Machinery plans and composes the production line that is ideal for you.

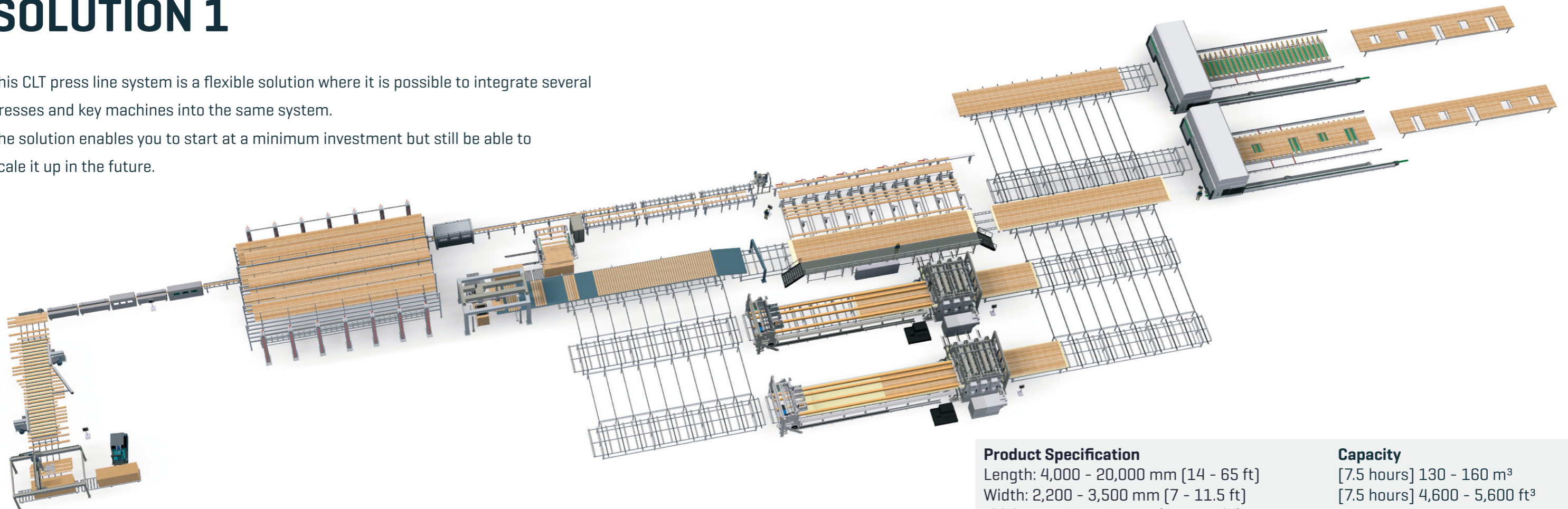
The solutions meets your requirements for capacity and durability, with high quality standards and the latest advances in technology.

Add **value** to your **lumber**

SOLUTION 1

This CLT press line system is a flexible solution where it is possible to integrate several presses and key machines into the same system.

The solution enables you to start at a minimum investment but still be able to scale it up in the future.



Product Specification

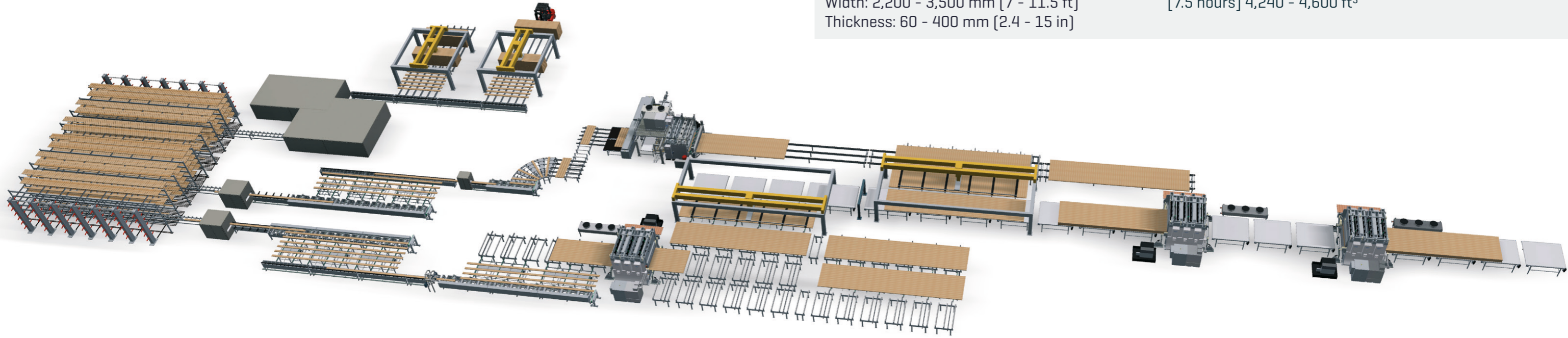
Length: 4,000 - 20,000 mm [14 - 65 ft]
Width: 2,200 - 3,500 mm [7 - 11.5 ft]
Thickness: 60 - 400 mm [2.4 - 15 in]

Capacity

[7.5 hours] 130 - 160 m³
[7.5 hours] 4,600 - 5,600 ft³

SOLUTION 2

With this CLT press line solution you can produce CLT with edge glued panels on both length and cross layers. This solution offers a 100% edge and face glued CLT panel.



Product Specification

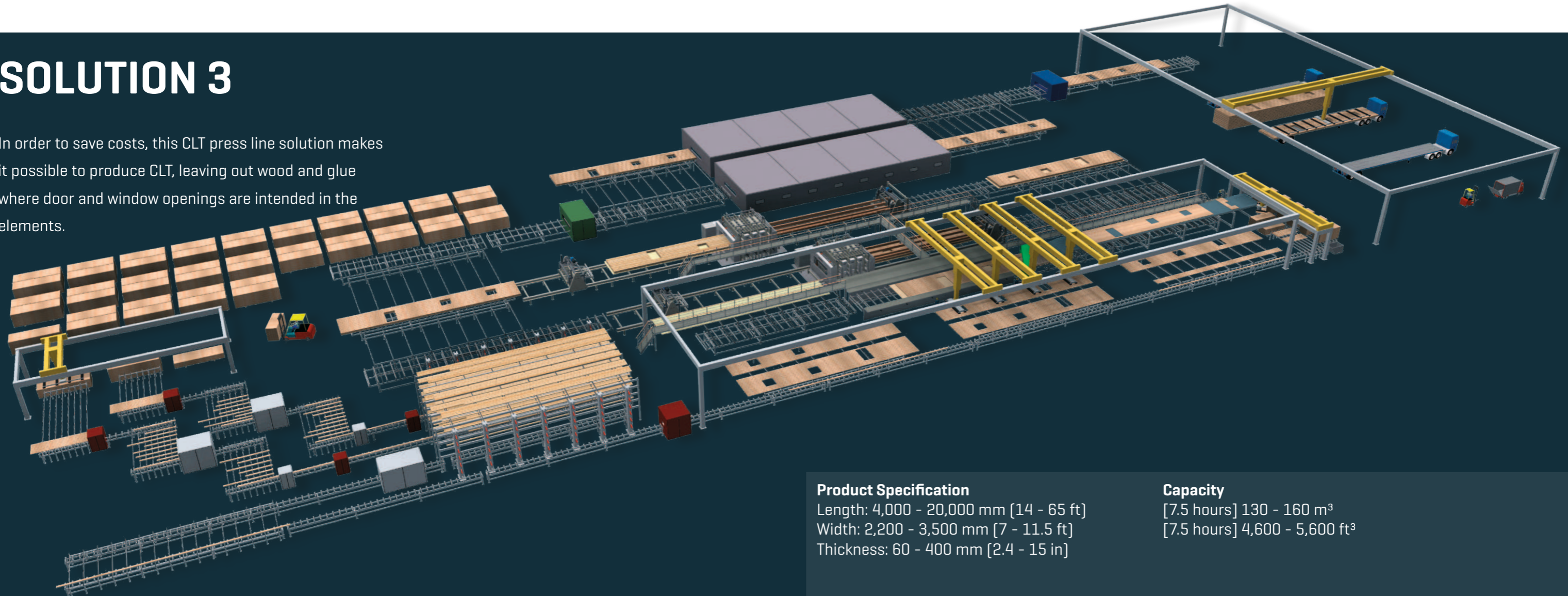
Length: 4,000 - 20,000 mm [14 - 65 ft]
Width: 2,200 - 3,500 mm [7 - 11.5 ft]
Thickness: 60 - 400 mm [2.4 - 15 in]

Capacity

[7.5 hours] 120 - 130 m³
[7.5 hours] 4,240 - 4,600 ft³

SOLUTION 3

In order to save costs, this CLT press line solution makes it possible to produce CLT, leaving out wood and glue where door and window openings are intended in the elements.



Product Specification

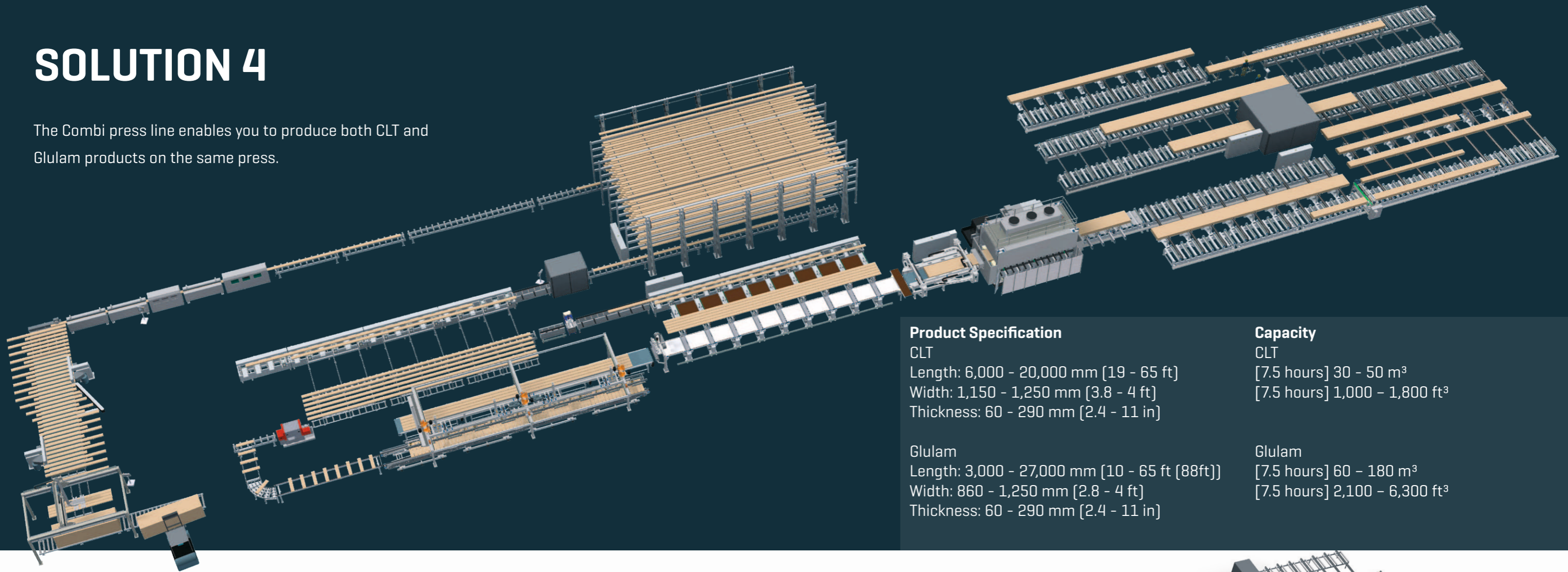
Length: 4,000 - 20,000 mm [14 - 65 ft]
Width: 2,200 - 3,500 mm [7 - 11.5 ft]
Thickness: 60 - 400 mm [2.4 - 15 in]

Capacity

[7.5 hours] 130 - 160 m³
[7.5 hours] 4,600 - 5,600 ft³

SOLUTION 4

The Combi press line enables you to produce both CLT and Glulam products on the same press.



Product Specification

CLT
 Length: 6,000 - 20,000 mm [19 - 65 ft]
 Width: 1,150 - 1,250 mm [3.8 - 4 ft]
 Thickness: 60 - 290 mm [2.4 - 11 in]

Capacity

CLT
 [7.5 hours] 30 - 50 m³
 [7.5 hours] 1,000 - 1,800 ft³

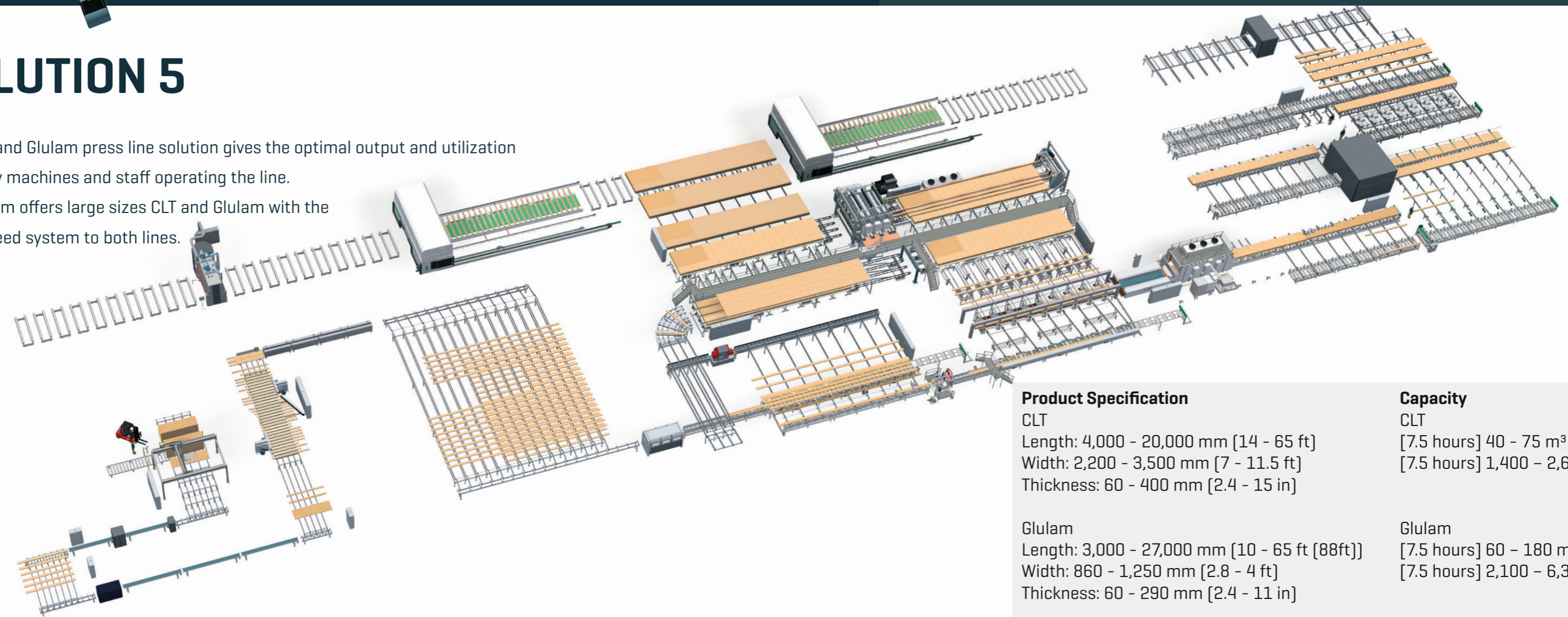
Glulam
 Length: 3,000 - 27,000 mm [10 - 65 ft [88ft]]
 Width: 860 - 1,250 mm [2.8 - 4 ft]
 Thickness: 60 - 290 mm [2.4 - 11 in]

Glulam
 [7.5 hours] 60 - 180 m³
 [7.5 hours] 2,100 - 6,300 ft³

SOLUTION 5

This CLT and Glulam press line solution gives the optimal output and utilization of the key machines and staff operating the line.

The system offers large sizes CLT and Glulam with the same infeed system to both lines.



Product Specification

CLT
 Length: 4,000 - 20,000 mm [14 - 65 ft]
 Width: 2,200 - 3,500 mm [7 - 11.5 ft]
 Thickness: 60 - 400 mm [2.4 - 15 in]

Capacity

CLT
 [7.5 hours] 40 - 75 m³
 [7.5 hours] 1,400 - 2,600 ft³

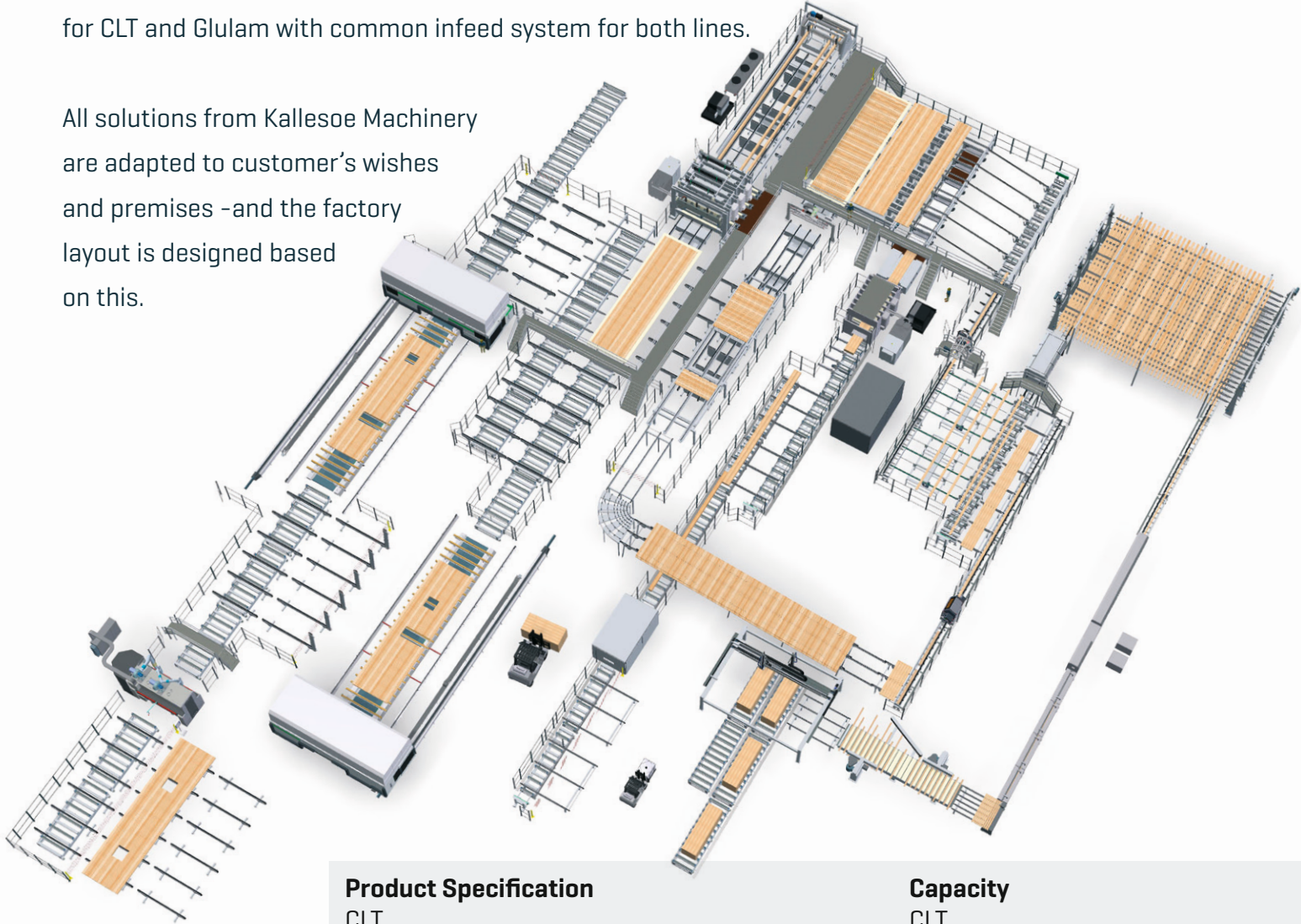
Glulam
 Length: 3,000 - 27,000 mm [10 - 65 ft [88ft]]
 Width: 860 - 1,250 mm [2.8 - 4 ft]
 Thickness: 60 - 290 mm [2.4 - 11 in]

Glulam
 [7.5 hours] 60 - 180 m³
 [7.5 hours] 2,100 - 6,300 ft³

SOLUTION 6

This production solution illustrates a compact production facility for CLT and Glulam with common infeed system for both lines.

All solutions from Kallesoe Machinery are adapted to customer's wishes and premises -and the factory layout is designed based on this.



Product Specification

CLT

Length: 4,000 - 20,000 mm [14 - 65 ft]

Width: 2,200 - 3,500 mm [7 - 11.5 ft]

Thickness: 60 - 400 mm [2.4 - 15 in]

Glulam

Length: 3,000 - 20,000 mm [10 - 65 ft]

Width: 860 - 1,250 mm [2.8 - 4 ft]

Thickness: 60 - 290 mm [2.4 - 11.4 in]

Capacity

CLT

[7.5 hours] 40 - 75 m³

[7.5 hours] 1,400 - 2,600 ft³

Glulam

[7.5 hours] 60 - 180 m³

[7.5 hours] 2,100 - 6,300 ft³

KALLESØE
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