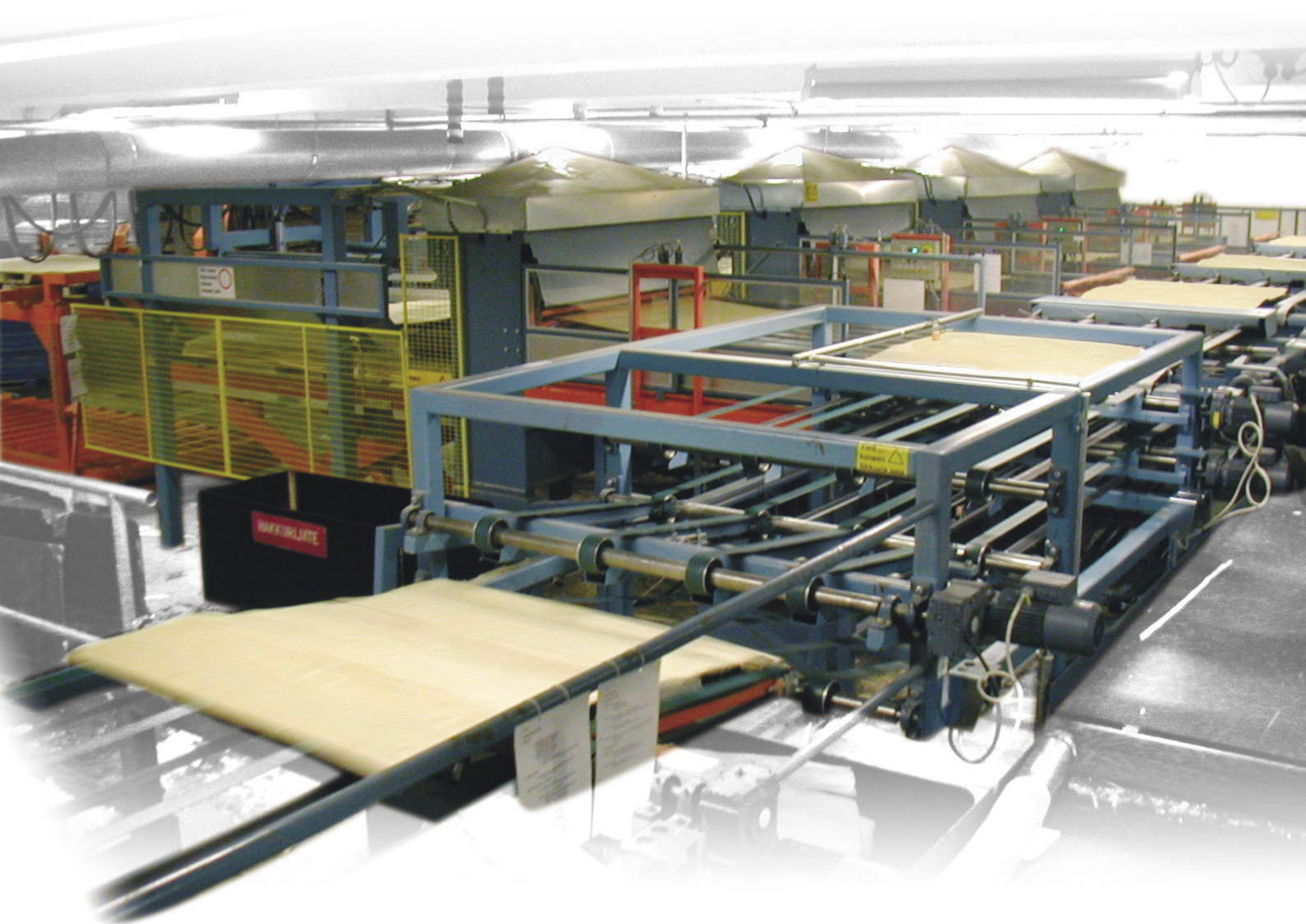


# Veneer Scarf Jointing



Plytec Veneer Handling Systems

Dynamic Veneer Technology



Plytec Oy is a technology company for plywood industries. Plytec specializes in improving productivity through advanced veneer patching and scarf jointing solutions.

# Every Scarf Joint Earns You Money

Large plywood panels meet steady demand from plywood market. At the same time, the raw material is getting smaller in diameter and less ideal in shape as the availability of large diameter logs is wearing thin. Plytec veneer scarf jointing system enables cost effective production of large plywood panels from small and thin logs.

Plytec technology obtains maximum yield from short and thin wood. Veneer is lengthened by scarf jointing to form sheets of required size. Thus, the size of wood block does not dictate the plywood panel dimensions. In short: Plytec scarf jointing system is the only economical way to produce plywood from small diameter logs.

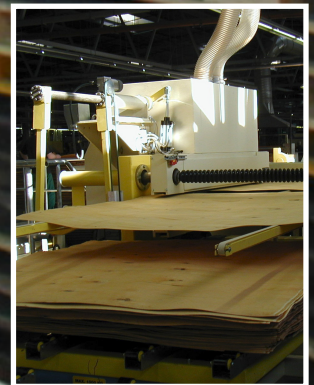
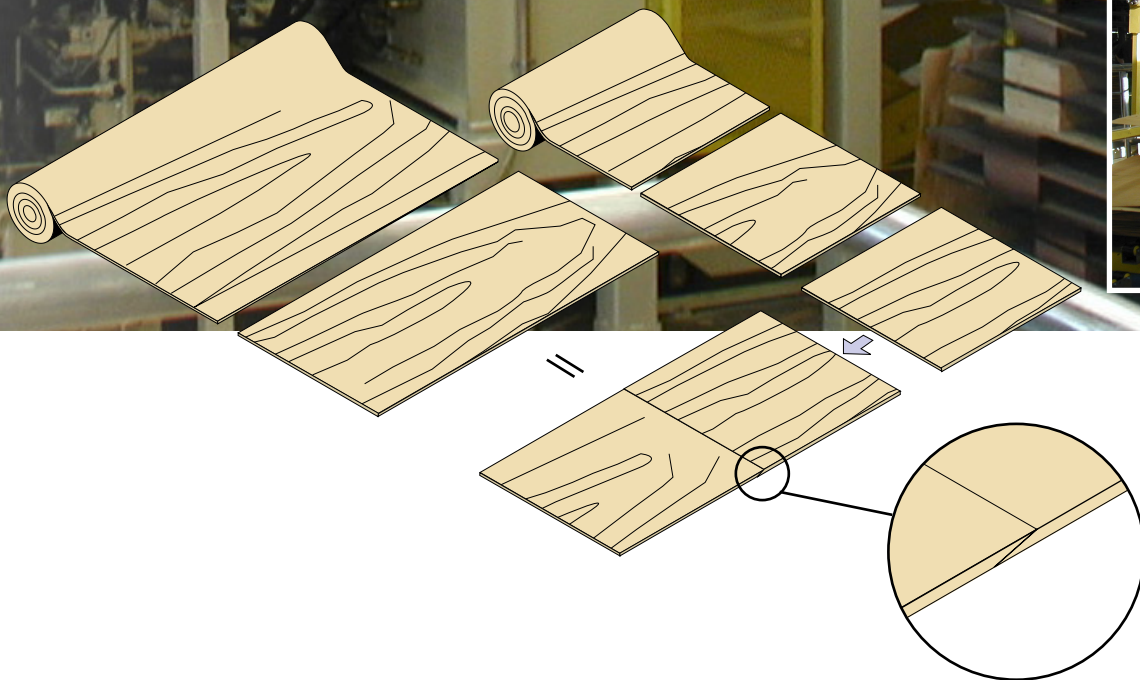
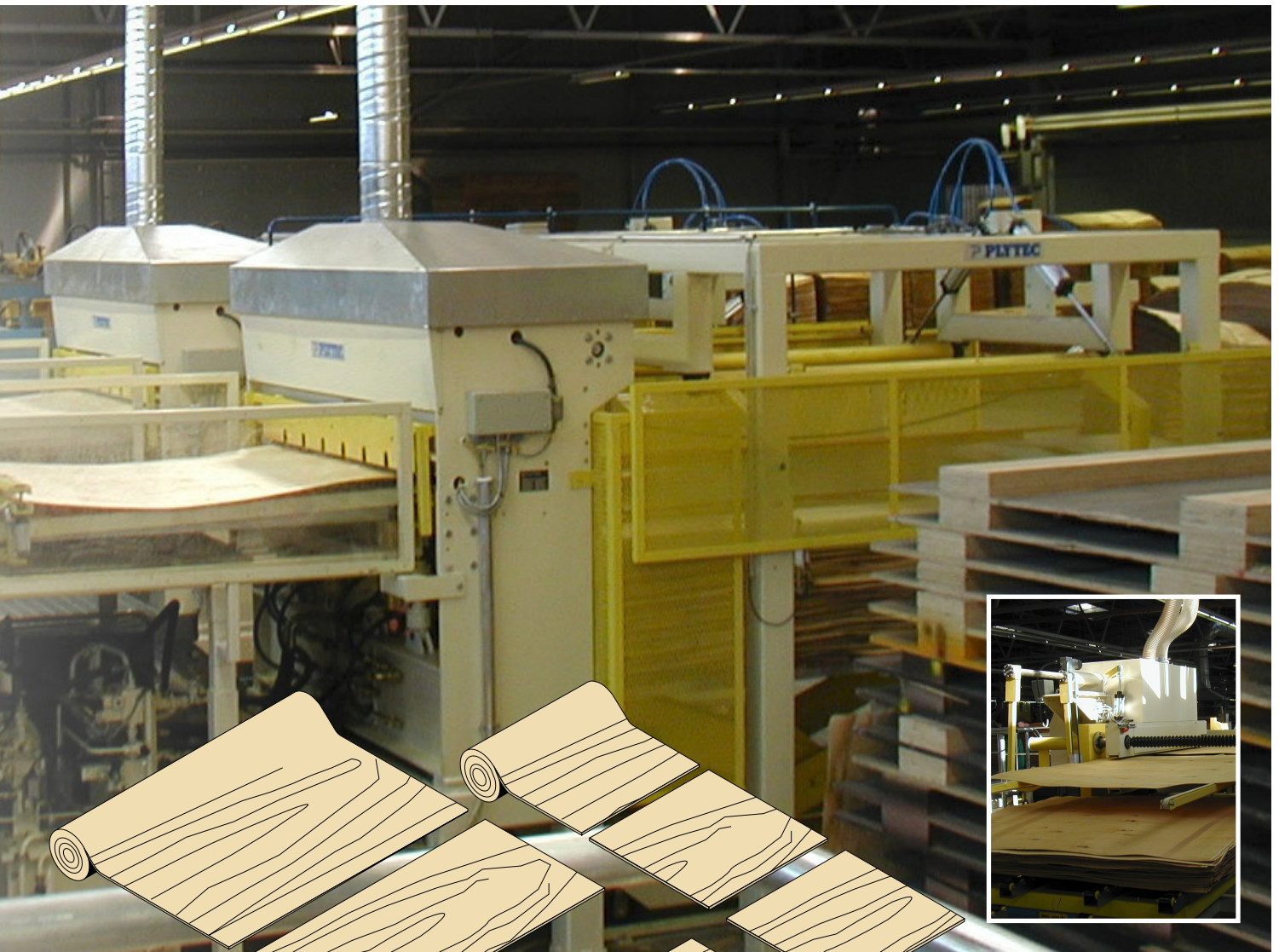
- P** Larger freedom in raw material purchases through higher adaptability to varying raw material dimensions
- P** Increased capability to response in varying demand of plywood panel sizes
- P** Easier production management increases productivity
- P** Improved veneer recovery makes more money with every scarf joint
- P** Produce top quality using small and crooked raw material



# As strong as any veneer

Scarf jointing is a simple process. However, when quality is essential, the production process must be stable and controllable. First, peeled veneer sheets are scarfed in the grain direction in scarfing

unit. Secondly, glue is applied on the upper bevel. Third critical point is pressing. When produced with Plytec system, scarf jointed veneer matches the strength of adjacent material



# Adaptability in desing

Plytec Scarf Jointing System is based on thoroughly tested and proven technology that adapts large spectrum of solutions. Tailored customer solutions ensure maximal productivity and future scalability of the system. For example, the system can be fitted with more press units or automatic control systems as production pace or quality demands grow.

## Technical data

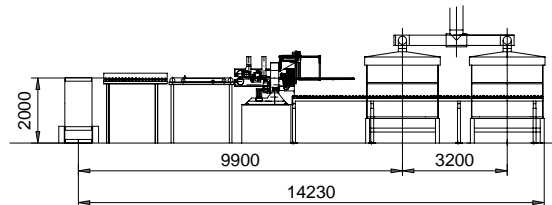
### Scarfig saw

Max. length of veneer sheet ..... 2700 mm  
 Min. length of veneer sheet ..... 1100 mm  
 Veneer thickness range ..... 1,2...3,5 mm  
 Speed, max. .... 0.75m/s  
 Weight ..... 3200 kg

### Jointing press

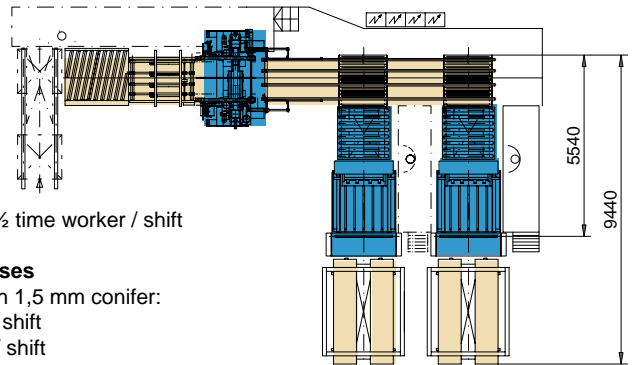
Max. width of veneer ..... 1650 mm  
 Min. width of veneer ..... 1100 mm  
 Pressure max. .... 1,5 MPa  
 -surface pressure  
 Temperature of the pressing  
 beam max. .... 300°C  
 Pressing time ..... 3-8 seconds

## Semi Automatic Scarf Jointing System



### One jointing press

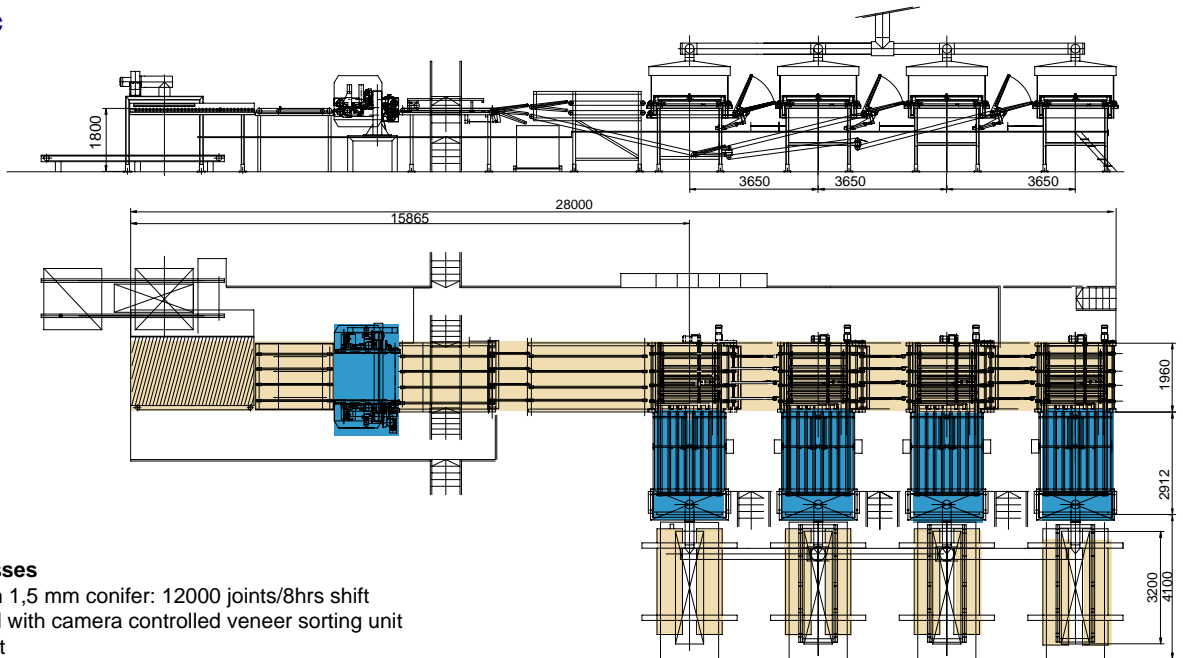
- Capacity e.g. with 1,5 mm conifer: 2800 joints/8 hrs shift
- One operator & ½ time worker / shift



### Two jointing presses

- Capacity e.g. with 1,5 mm conifer: 5600 joints/8 hrs shift
- Three operators / shift

## Automatic Scarf Jointing System



### Four jointing presses

- capacity e.g. with 1,5 mm conifer: 12000 joints/8hrs shift
- can be combined with camera controlled veneer sorting unit
- one operator/shift

[www.plytec.fi](http://www.plytec.fi)



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