

DEVELOPMENT OF WOOD MODIFICATION – HIGH MELTING POINT WAX AND HOT OIL TREATMENTS

Turunen Hannu¹, Peura Juho¹, Paajanen Olli¹

- New facilities to develop wood modification
- Goals of this project
 - Process parameters
 - High melting point waxes and oils
- Impregnation cylinder
 - Diameter 380mm, length 2200mm,
 - Maximum temperature 200°C
 - Maximum pressure with nitrogen 11bar
and with air 15,5bar
 - Vacuum 150mbar



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Why?

- Copper impregnated wood
 - E.g. decking
 - Hazardous waste
- Tropical hardwood
 - E.g. outdoor furniture
 - Environmental-, social- and economical problems
- Aluminium
 - E.g. window frames
 - Recycling

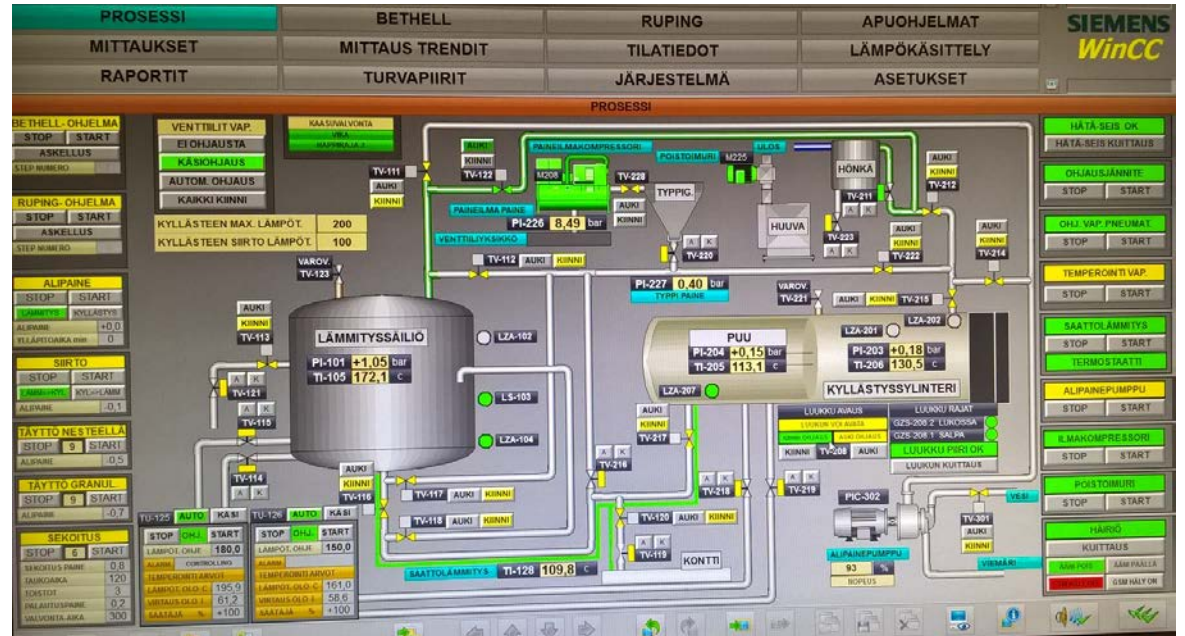


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What?

- Finished products
 - Less work phases
 - More cost efficient
- Local raw material



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Thank you for your attention



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Leverage from
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