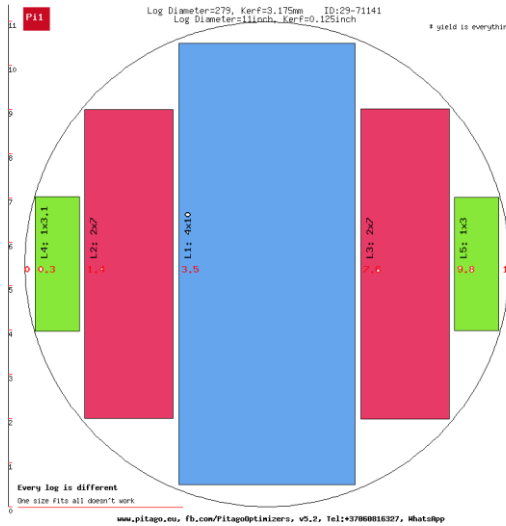


Pitago web application has 3 primary components

1. [Pi1 Optimizer: Multiple lumber pieces of various sizes to be cut from a single log](#)
2. [Pi2 Optimizer: Cutting uniform lumber from a log](#)
3. [Pi3 Optimizer: Log batch cutting](#)

Pi1



Log Diameter=279, Kerf=3.175mm ID:29-71141
Log Diameter=11inch, Kerf=0.125inch # yield is everything

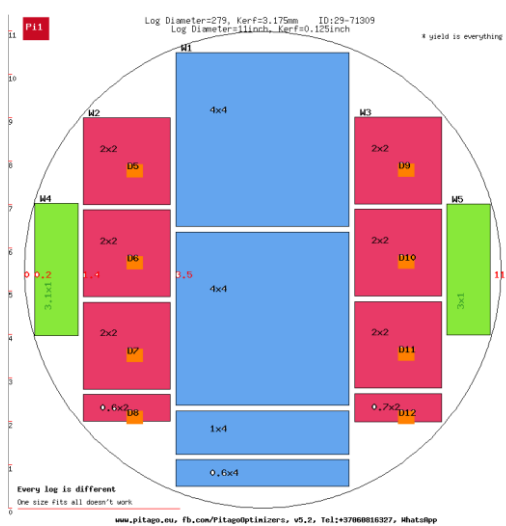
Every log is different
One size fits all doesn't work

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Q:
How do I cut an 11-inch log into lumber pieces measuring 4x4 inches, 2x2 inches, and 1x4 inches?

A:
Stage 1
Cutting the log into 4, 2, and 1 inches thick lumber

Pi1



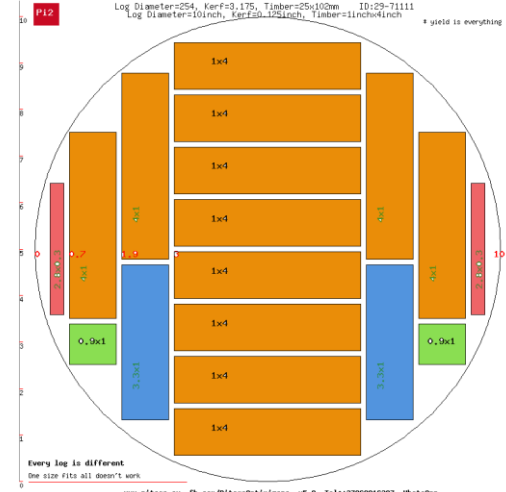
Log Diameter=279, Kerf=3.175mm ID:29-71309
Log Diameter=11inch, Kerf=0.125inch # yield is everything

Every log is different
One size fits all doesn't work

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Stage 2
ReCutting the final sizes
4x10" → 4x4" & 1x4"
2x7" → 2x2"

Pi2



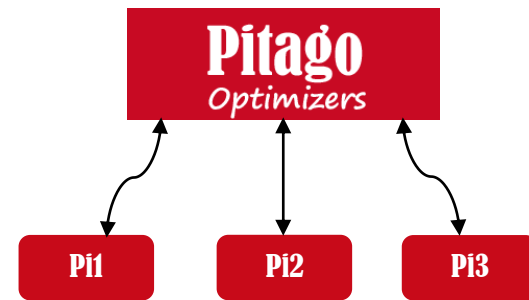
Log Diameter=254, Kerf=3.175, Timbers=25x102mm ID:29-71111
Log Diameter=10inch, Kerf=0.125inch, Timbers=1inchx4inch # yield is everything

Every log is different
One size fits all doesn't work

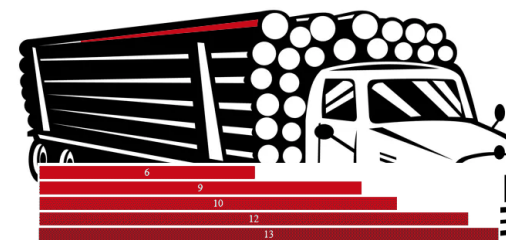
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Q:
What is the best way to cut a 10-inch log into 1x4-inch lumber?

A:
Cutting the log into 1x4" lumber. All you need are the lumber width and thickness



Pi3



6
9
10
12
13

Q:
What lumber to cut from what log ?

A:
10" -14" Log load yield calculation for 1x4" lumber

[Online customer support](#)

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