







2817850, 24454-80 ? 2695-83. 3.

Figure 2. Sawing lumber on the horizontal band saw machine "Spectr 70"

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Figure 3. Design and geometric characteristics of the experimental band saw

- 1 - saw blade width excluding tooth height; 2 - saw blade thickness; 3 - saw width taking into account tooth height; 4 - saw tooth set; 5 - saw tooth height; 6 - tooth pitch; 7 - groove base curvature radius; 8 - distance from tooth top to groove bottom; 9 - tooth front surface; 10 - tooth back surface; 11 - tooth back angle; 12 - tooth front angle

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5300, 35,5 (3), 28 (1), 7,39 (6), c 0,6 (4), 5,3 (7), (8), 0,5 (4), 0,1-0,2, 40, 7,22 (5), = 14° (12), = 40°, = 36° (11), 0,6° (9), 0,6° (11), 35, -0,8, -2,2, 3,0, 30-32, [5], (6), (6, ?), ?

Figure 4. Log cutting diagram

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