

Speed of the saw may be calculated using the formula:

$$v_1 = \frac{d_1}{d_2} v_2$$

In our case $d_1 = 21$; $d_2 = 5$; $v_2 = 1600$. Substituting these values to the formula we get:

$$v_1 = \frac{21}{5} \cdot 1600 = 6720$$

So the speed of the saw equals to 6720 revolution per minute.

ANSWER: 6720 revolution per minute.