

Mechanical concepts

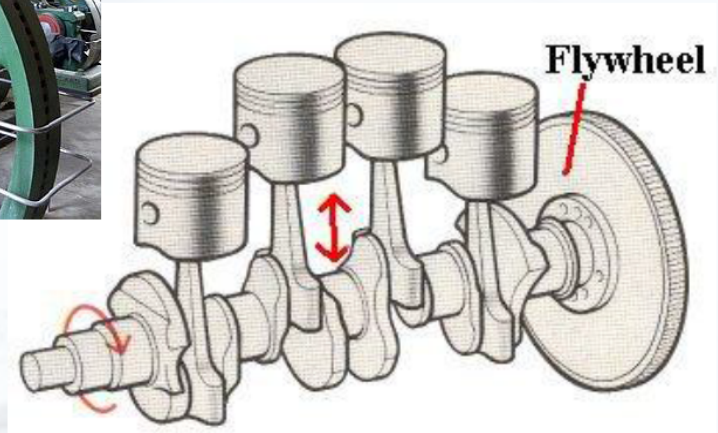
Fly Wheels



University of
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http://people.bath.ac.uk/fkj20/KERS_files/Page388.htm



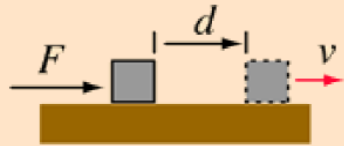
<http://cacalder.wordpress.com/>

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$$Work = Fd = mad = m \frac{v}{t} \frac{v}{2} t = \frac{1}{2} mv^2$$



$$Work = \tau\theta = I\alpha\theta = I \frac{\omega}{t} \frac{\omega}{2} t = \frac{1}{2} I\omega^2$$

<http://hyperphysics.phy-astr.gsu.edu/hbase/rke.html>

