

# Translations:Pédalier multifonction/19/en

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- Direct belt with gear shift (see column drill)
- Belt in 8-shape, to reverse the direction of rotation (see sewing machine)
- Twisted belt, to go from a horizontal axis rotation to a vertical axis rotation (see blender)
- Belt with corner return (see mill)
- Via the crankset chain. For our electric generator, since its optimal rotation speed is much slower than the other tools, we preferred to attach it to the frame of the bike and power it directly via the crankset chain. This allows you to generate electricity at the same time as you are powering another tool.

 Pulley alignment: Be careful that the pulleys are aligned so that the belt does not derail.

 Pulley Diameter: Pulleys attached to the tools to be powered must be chosen based on the speed of rotation of each tool. For a blender it is preferable to use a small diameter pulley, for a fast speed and a low torque, while for the mill you need a large diameter pulley because the rotation speed must be lower while the torque must be higher.