

Zoetrope Per Unit Cost Estimation

Manual Zoetrope

<u>Aa</u> Item	<u>::</u> Price (Dollar)
<u>Wood/Acrylic</u>	\$0.50
<u>Ball Bearing</u>	\$0.50
<u>3D Printed Parts</u>	Free
<u>Total</u>	\$1.00

Motorized Zoetrope

<u>Aa</u> Item	<u>::</u> Price (Dollars)
<u>24V Power Supply</u>	\$6.00
<u>Arduino Uno</u>	\$7.00
<u>Stepper Motor</u>	\$5.00
<u>Stepper Motor Driver</u>	\$2.50
<u>Wood/Acrylic</u>	\$0.50
<u>Ball Bearing</u>	\$0.50
<u>Capacitors</u>	\$0.40
<u>Push Buttons</u>	\$0.30
<u>Wires/Connectors</u>	Free
<u>3D Printed Housing and Parts</u>	Free
<u>Total</u>	\$22.20

Note: Components such as the Arduino and Power Supply are used for multiple Zoetropes and the prices are adjusted as such. We already have many parts for the motorized Zoetrope — price is for an entirely brand new unit.