

The rotary 'elevator' has 1-0-2 in the world for ships

The huge elevator, which has the role of lifting and lowering ships by the unique spinning method in Scotland, called Falkirk Wheel, was inaugurated in 2002.

The giant "elevator" that plays a role in lifting and lowering ships by "unique" spinning method in Scotland called Falkirk Wheel was inaugurated in 2002, priced at £ 84.5 million.

This "elevator" was designed and built to connect Forth and Clyde with Union channel. Because the water level difference between the two canals is up to 24m, nearly equal to the 8-storey building so the travel is very difficult, it is impossible to build a branch branch canal.



This "elevator" is the first and only swing bridge in the world. Falkirk Wheel has a large tooth ring, 35m in diameter, including 2 symmetrical arms extending 15 meters beyond the central axis. The two-headed shape of the bridge is inspired by the Celtic ax.



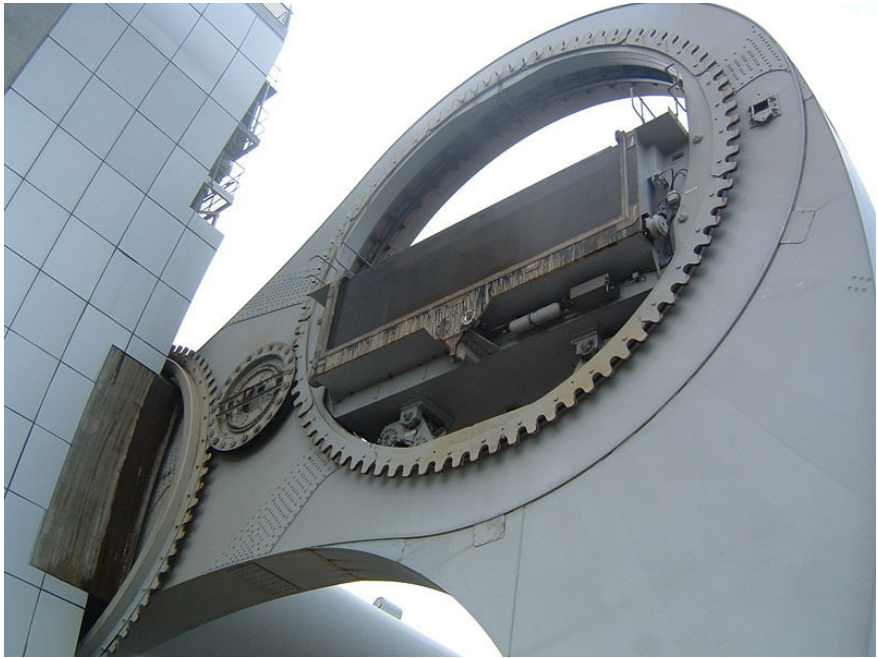
The giant wheel of this bridge can rotate 180° in 5.5 minutes but consumes very little power, only about 1.5kW / h (5.4 MJ) of energy to operate, only by energy to Boil about 8 small pots of water.

After being put into operation, Falkirk Wheel has really proved its effectiveness when creating a real link between the two canals and becoming an extremely popular tourist destination by the strange design. mine.



Since 2007, the Falkirk Wheel lift system has been printed on a 50-sheet issued by the Scottish Bank. There is now a unique "elevator" tour within 1 hour.

Some pictures of Falkirk Wheel lifting system.





Watch video:

Falkirk Wheel - The most unique "elevator" in the world

1. What will happen if the Earth stops spinning?
2. Extremely sophisticated 17th-century locking system makes us "admire admirably"

You finished reading the article "**The rotary 'elevator' has 1-0-2 in the world for ships**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.