

## Biography

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Bolygó's work explores the similarity between the artistic and scientific mind. His work explores how both minds are motivated by the same need to discover/uncover, and turn resulting ideas into totalities.

His work explores the artistic practice through a process of invention, science and engineering. His mechanical instruments become autonomous and investigate the making process independently. The relationship between the cyclic and predictable nature of the machine and the unpredictability of the human touch conjures up both notions of random chaos and universal order. With the elimination of the artist's touch, the natural universal forces become the creators of the artwork and the emphasis shifts towards the 'act of creation' being the object of beauty. The machine's process and the resulting images become inseparable dynamics of the work.

Steel weights, wires, motors and pulleys are transformed into mechanisms animated by natural universal forces. In constructing these devices the artist is creatively challenged to investigate how an underlying scientific structure or process can change or shape an object. The practical solutions to physical problems concerned with friction, weight, tension, and compression are all elements that give idiosyncratic aesthetic to his kinetic devices.

THE MECHANISMS OFTEN EXPLORE THE passing of time, and they record traces of particular events and movements on a surface - paper, metal, plaster, glass - through the build-up of complex patterns, highlighting the connection between space, matter and time.

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