Orange Maker®

3624 MARKET STREET
PHILADELPHIA, PA, 19104

Company Overview

Orange Maker, founded in 2013, is a high-resolution 3D printing technology company with a mission to provide advanced systems and materials to professional designers and engineers.

A Global Problem

In many ways, the existing 3D printing technologies such as FDM (fused deposition molding) and SLA (stereolithography) have reached their limits. Current printers take too long, prints lack structural integrity, and sacrifice resolution for print size. Additionally, 3D printing resins contain toxic irritants, are cost prohibitive for users, and users suffer from a limited variety of materials available in the market.

Orange Maker's Solution

Orange Maker's proprietary printing process, Heliolithography (HL), is a new approach to forming 3D objects that produces higher-quality parts.

Orange Maker is developing a line of Heliolithographic-based "design-to-manufacture" 3D printing systems to commercialize and introduce into the global marketplace with its flagship product, Helios One, complete with associated software. Helios will allow for a higher quality of output, broader range of material inputs, and superior performance, which will benefit applications across many industries.

Furthermore, Orange Maker is creating a wide range of 3D printing materials, which are an improvement over existing products, with a focus on with safer ingredients, reduced odor, and greater strength & flexibility.

Led by co-founders, 3D printing early adopter & influencer, Kurt Dudley, and technology entrepreneur, Doug Farber, Orange Maker is building an impressive team of multi-disciplinary experts including; a veteran Intellectual property attorney, a skilled operations manager, seasoned design engineers, and a polymer scientist, software engineer, amongst others, to bring Heliolithography to the forefront of a rapidly growing marketplace.

"Orange Maker's New Heliolithography* technology could eventually replace [stereolithography] and [fused deposition modeling]"
– Whitney Hipolite, 3DPrint.com

ASSOCIATIONS

Drexel University · Sc science center · Koppel Patrick Heybl & Philpott · foresight · DLA Piper