

HYREL International, Inc.

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HYREL 3D

7 March, 2017

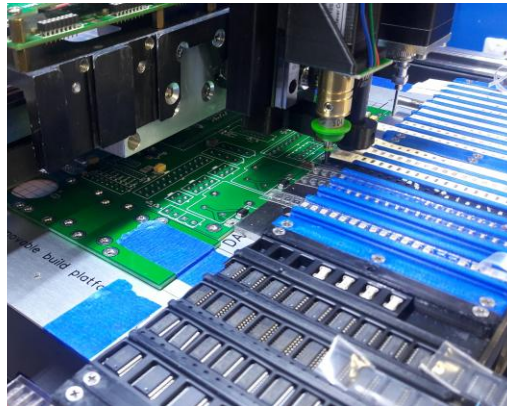
Hyrel International Announces the HYDRA series manufacturing systems.

NORCROSS, GEORGIA, 7 March, 2017

Hyrel International, the manufacturer of the **Hyrel3D System 30M and Engine** models announces the **HYDRA Series** of 3D printing and material fabrication solutions. The **HYDRA** is available in floor and benchtop models, with build volumes ranging from 300x400x250mm to 600x400x500mm. These models use a 20mm thick, heavy-duty aluminum build plate which can be heated to 110°C, or optionally to 200°C. The Hyrel **HYDRA** models use a gantry design featuring three-phase stepping motors with closed-loop encoder feedback in all axes, providing fast, quiet, high torque, reliable, repeatable, and precise positioning. **HYDRA** equipment offers increased print speeds up to 3X faster than before, depending on which version of available material (out of the thousands available) is used. The **HYDRA** units are compatible with all **Hyrel3D** heads and accessories (over 25 and counting), allowing you to work with numerous materials, including ABS, BendLay, Biologicals, Clay (including Precious Metal Clay or PMC), Ninjaflex, Nylon, PET, PLA, Plasticine, Polycarbonate (PP), Polypropylene (PP), Porcelain, PVA, RTV Silicone, Sculpey, Sugru, T-Glase and more. All **HYDRA** models come standard with a five-position yoke, allowing the mounting of up to five heads for printing of up to five materials on one print. See video: <https://youtu.be/uACoqtNbXE0>

Available on the **HYDRA** series is a PCB fabrication solution that includes:

- Solder paste dispensing head
- Dual-configuration pick and place head
- Quick mount part and component loader
- Board camera
- Part and component camera
- Pizza oven head
- Easy setup software



HYDRA Series
PCB Fabrication
Solution

The **HYDRA** series are rugged, large volume machines that can assemble complete electronic prototype circuit boards quickly, without caustic chemicals. See video <https://youtu.be/haKWeCbXkMI>

Hyrel3D equipment is being used by fabricators and designers since 2012, with installations in over 30 countries.

Tech support is available via skype "[hy.rei](https://www.skype.com/name/hy.rei)", e-mail "hyrel3d@gmail.com", or by calling **404-914-1748**. If someone wishes to see the system operate contact the sales department to schedule a live, one-on-one demonstration, either in person or online.

See video: <https://youtu.be/Jz3onGdmW1c>

For additional information contact our sales department: email hyrel3d@gmail.com or call **404-914-1748**.

Hyrel International is located at 2900 Cole Court, Norcross, GA 30071, USA.

See <http://hyrel3d.com> and <http://hyrel3d.net>

See images on next page.



Hyrel3D HYDRA
Floor Model
HYDRA 640 Shown

Build Volumes up to
600x400x500mm
(X/Y/Z)

Hyrel3D HYDRA 340
Benchtop Model

Build Volume of
400x300x250mm
(X/Y/Z)

