

COBOD supplies 3D construction printer to another European R&D organization

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- The BOD2 3D construction printer is going to The Technical University of Denmark this week.
- The Technical University of Denmark wishes to be at the forefront of the 3DCP technology
- COBOD has been a strong advocate for cooperation with universities

Following the delivery of the BOD2 construction printer to the Belgian R&D organization Kamp C in the beginning of the year, COBOD is now delivering yet another BOD2 to a European R&D facility.

A few months ago COBOD won the second European tender for a 3D construction printer. The printer was purchased by the Technical University of Denmark, DTU, who chose COBOD as a supplier based on factors like versatility, large scale printing, open material, open software and easy operation. Furthermore, the possibility of close collaboration with the supplier, COBOD, was a key factor for DTU.

Henrik Lund-Nielsen, CEO of COBOD, explained: "We are proud to be chosen by DTU as their supplier of their new 3D construction printer. The printer has been built within the set timeframe and has been tested and accepted by DTU themselves." Jakob Jørgensen, Head of Technology at COBOD, continues: "The collaboration between academia and manufacturers is a key step for the technology and construction processes to be developed even further, so we are really looking forward to our collaboration with DTU."

The modular BOD2 printer COBOD is delivering to DTU consists of 5-4-2 modules. Each module is 2,5 meters in length, making DTUs BOD2 capable of printing an area of 12 by 10 by 4 meters. In addition to developing and supplying the new BOD2 542, COBOD are also going to instruct and train a core team at DTU, who then can teach the students of the university to operate the printer with less to no supervision, in order to research and develop the 3D printing technology and construction processes even further. Just 5 days after COBOD delivered and trained Kamp C, Kamp C were capable of operating and controlling the printer by themselves and this is also the plan for DTU.

The BOD2 construction printer is being delivered to DTU this week in their newly built facilities for exactly this purpose. The new technology is of great importance to the university, that wishes to be at the forefront of the 3D construction printing technology as it starts to influence more and more of the construction industry.

Malene Kirstine Holst, Laboratory Manager at DTU, explained: "We are very excited about this next chapter and looking forward to see the BOD2 printer installed in our facilities this week. We have been prototyping with small 3D-printers for years, and we are very excited about scaling up our 3d printing facilities at DTU and experimenting with new materials. We expect much of the BOD2, and we are looking forward to the experiments and developments in materials, complex geometries and construction methods."

Source: COBOD International A/S