

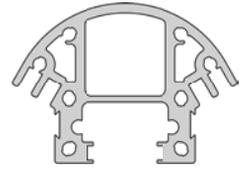


BAHR MODULTECHNIK

3D-PRINT

*Freely customizable
3D printing systems
for large-size objects*

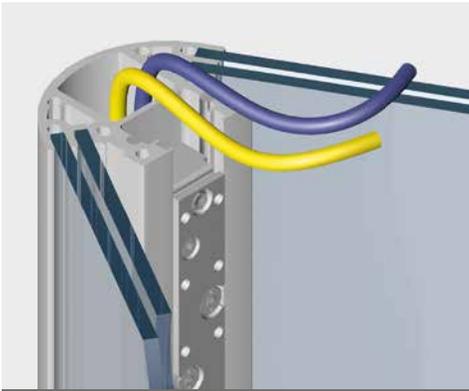
CLLK 60 | TRI-TOWER



Sensational **housing design** for printing large-size objects. The system structure, which is flexibly scalable, consists of newly developed profile axes of the **LL 60** series and highly accurate ballscrew spindles. The dimensions of the top and bottom panels as well as the height can be freely chosen.

Thanks to the modular construction, the system is cost-optimized. Due to this modular concept, we can ensure short delivery periods, even for customized variants. To achieve a smooth, synchronous run, the spindle nuts are supported by roller guides along the profile axes that are mounted without screws. The ballscrew spindle has a maximum deviation of 0.05 mm on 300 mm length. The mounting grooves in the axis profile ensure easy fixation of various side covers, e. g. made of glass, plexiglass, aluminium or composite materials. The double groove enables single or double glazing to be mounted.





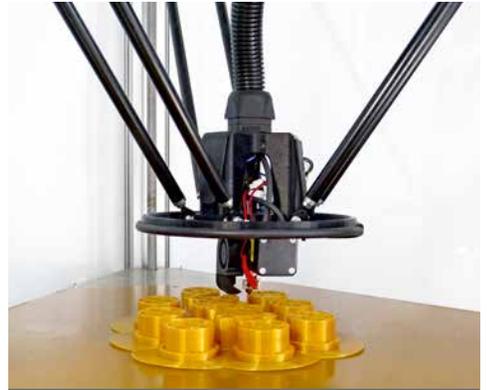
DOUBLE GLAZING



HIGH-QUALITY ROLLERS



SPACE-SAVING SLIDING DOORS



PUSHBUTTON WITH COLLISION PROTECTION

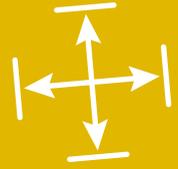


BACKLASH-FREE JOINTS



FIXED BALLSCREW BEARING

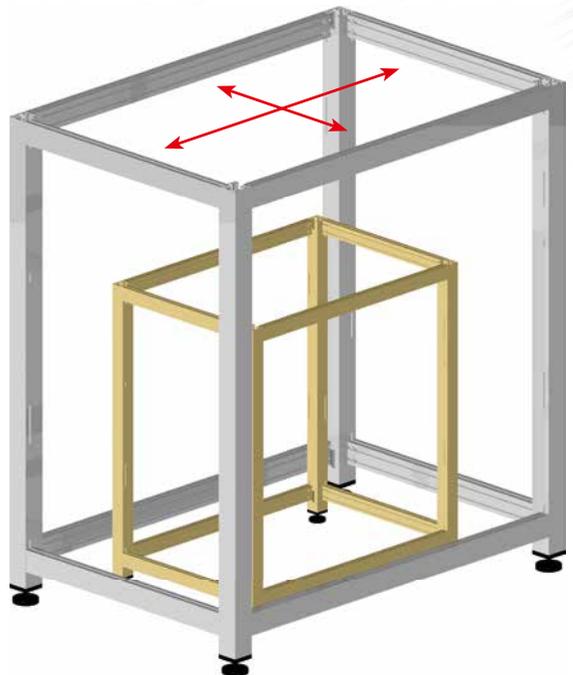
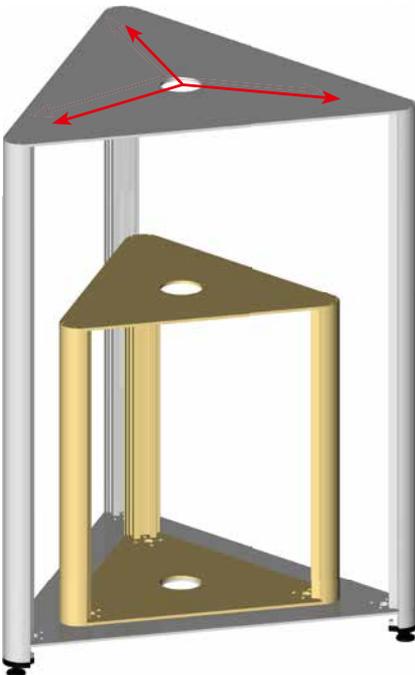
You own the **ELECTRONICS?**
We deliver the compatible
MECHANICS in ANY size!



MODULAR PRINCIPLE ON THE HIGHEST LEVEL!

INDIVIDUALITY

We build your scaled housing size.

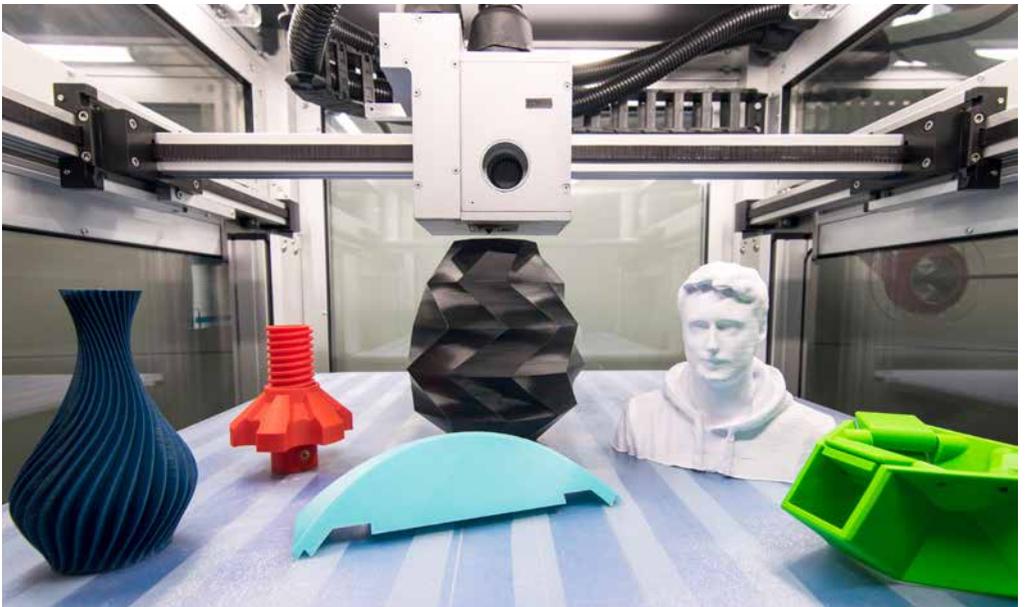
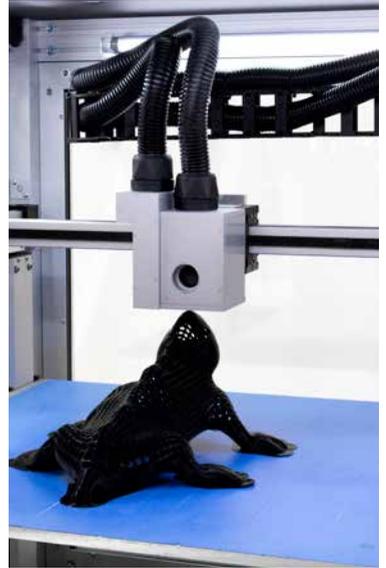


EL 40 | TOWER

Industrial 3D printing housing for large component parts

This system offers plenty of room for great ideas. The compact 3D printer for large printing objects is especially optimized for industrial 3D printing tasks. The ideal printer for rapid prototyping, sample and small series production.

The kinematic system consists of a ready-to-install X-Y positioning system in H-gantry design with retractable base plate. It is driven by a carbon enforced timing belt. Working space and base plate are heated separately.





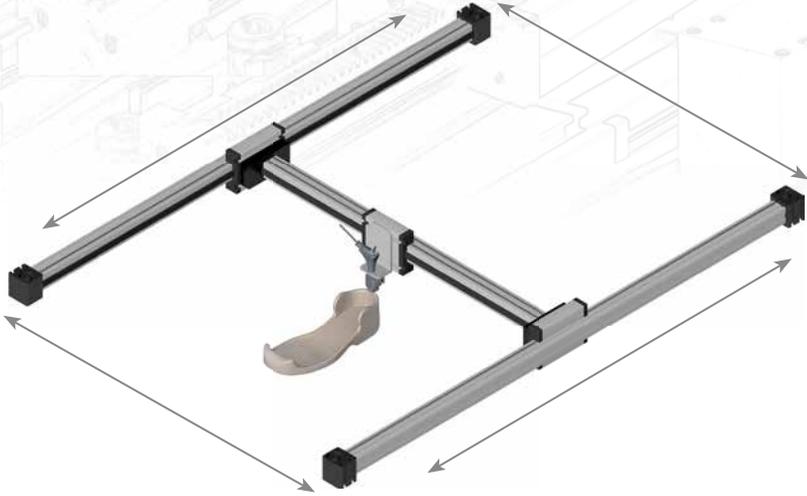
The enclosure is made of rigid aluminium profiles, the side walls can be made of either plexiglass or insulation glass. All drive elements and motors can be mounted near the floor to prevent thermal problems in the installation space. The control components can also be accommodated completely within the lower area. From there, the cables can be comfortably led through the aluminium profiles, so that a free and clean working space is maintained.

To achieve an even higher efficiency, the EL-40 Tower can be provided with two carriages that are driven synchronously or in opposite directions.



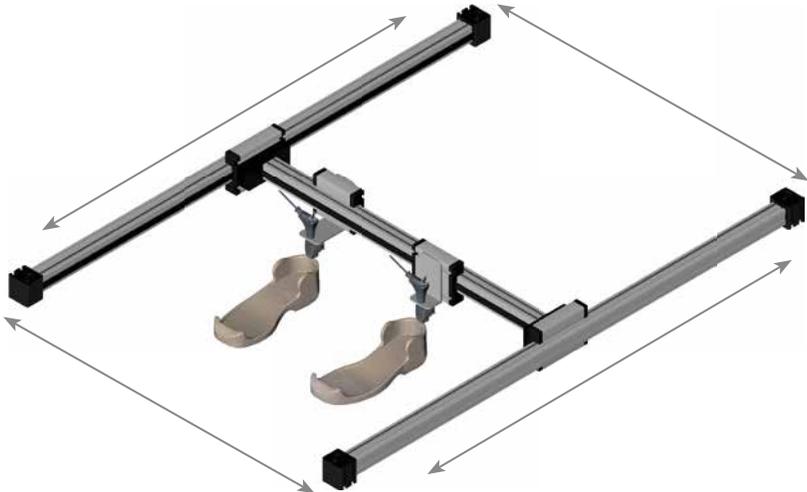
SINGLE PRINT

"Single" button for the production of single component parts.



DOUBLE PRINT

Possibility to produce mirrored component parts simultaneously.





Bahr Modultechnik GmbH
Nord-Süd-Str. 10a - D-31711 Luhden
Telefon +49 (0) 5722 - 99 33-0
www.bahr-modultechnik.com