

**BTU  
TECH**

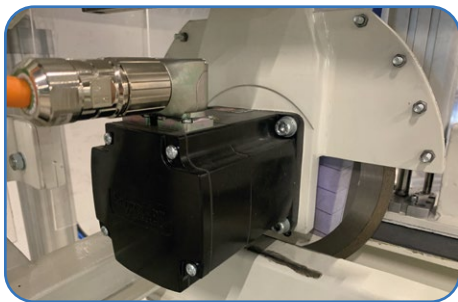


**CHAMFER CUTTER**

In composites manufacturing, fabric layers are added edge to edge and then on top of each layer during the layup in the mould. Overlap of the edges creates an extra thickness in reinforcement stack. A smooth transition without changing thickness is required for quality end laminate in precise applications such as wind blade manufacturing.

BTU-TECH "**Chamfer Cutter**" cuts the fabric edge with a chamfer form, starting from the fabric thickness down to zero. The chamfer length (or angle) is adjustable.

BTU-TECH "**Chamfer Cutter**" offers following features;



**Blade RPM Control:** The blade rotational speed is adjustable.

**Cutting Speed Control:** The blade travel speed can be set.



**Chamfer Length:** Mechanically, edge chamfer distance can be trimmed.

**Fabric Clamp:** Pneumatic cylinders hold the fabric tight during cutting operation.



## CHAMFER CUTTER SPECIFICATIONS

Cutting Linear Speed	10m/min
Cutting Rotational Speed	0-6000rpm
Chamfer Length	0-100mm
Power	20kW
Supply	50-60Hz, 380-480V, 3 Phase
Electric Panel Protection Level	IP54
Motor Protection	IP54
Total Weight	500 kg
Dimensions (WxHxL)	3000mm x 2500mm x 5000mm
Certifications	CE



## MACHINE UPGRADE OPTIONS

- IP65 Motors
- Laser Barriers
- HMI

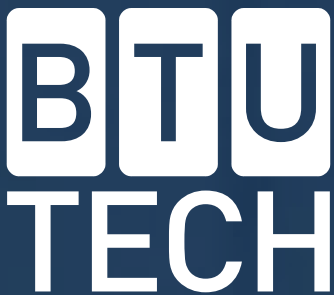
# ABOUT BTU

BTU-TECH was founded in 2020 as a start-up company for engineering, design and manufacturing of machines and technologies for variety of industries, such as textile and composites.

As the main shareholder and CEO of the company, Burçin Pak received investment for the company. In addition to his 20+ years in microelectronics, communication and machinery which includes many patents and awards for the developed technologies, together with its investors, the company has a total of 60 years of experience, covering industries such as heavy duty machinery & transport equipments, robotics, microelectronics, IOT, industrial textiles.

The company has a talented core team for analysis, engineering, design, quick prototyping and serial production. The inhouse capabilities and skills are 3D modelling, FEA, programming and industrial automation.

Based in Istanbul, Turkey, BTU-TECH is aiming to serve customers globally both by direct contact and via technical partners.



[www.btu-tech.com](http://www.btu-tech.com)

## BTU Makine ve Teknoloji Sanayi Ticaret A.S.

Kaya Sultan Sk. H. Bagdatlioglu Is Mrkz. No:81 A

34742 Kozyatagi, Kadikoy / Istanbul / TURKIYE

P: +90 216 410 40 10

E: [info@btu-tech.com](mailto:info@btu-tech.com)



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