

# Noztek Winder 2

**The Noztek winder 2**  
Advanced 3D extrusion.



## Overview

The Noztek Winder 2.0 is a cutting-edge, fully automated filament winder designed to streamline the extrusion process by precisely and accurately winding filament onto a spool. Engineered for precision and ease of use, it features an integrated touchscreen for seamless control and management of the winding process.

The winder accommodates both 1 kg and 2.2 kg spools, ensuring versatility for different production needs. Once the filament is wound, users can easily detach the spool and load it directly onto a 3D printer, streamlining workflow and enhancing efficiency.

The Noztek Winder 2.0 is seamlessly compatible with the Noztek Tolerance Puller, creating a fully integrated filament production system. While the puller ensures precise filament diameter control, the winder efficiently collects and winds the filament onto spools, optimizing the entire extrusion and winding process. Additionally, the Winder 2.0 can function as a standalone unit, directly compatible with our range of extruders.

# Technical specifications

<b>General features</b>	<p><b>4.2" Touchscreen Interface:</b> Intuitive and easy to operate, offering manual mode and automatic mode.</p> <hr/> <p><b>Manual mode:</b> This mode grants complete control over your winder speed settings, ideal for situations requiring a consistent winding speed, like re-spooling.</p> <hr/> <p><b>Automatic mode:</b> This user-friendly mode automates the winding process, requiring an initial setup to calibrate your filament and spool size. Perfect for seamless extrusion runs directly from your extruder.</p> <hr/> <p><b>Filament Guide:</b> Programmable linear filament guide for precise filament winding.</p> <hr/> <p><b>Laser Module:</b> Red linear diode laser ensures precise and consistent filament positioning feedback and calibration.</p> <hr/> <p><b>Quick Release:</b> The quick-release mechanism ensures efficient spooling operations and minimizes material loss.</p> <hr/> <p><b>Color/Finish:</b> Brushed stainless steel chassis or black powder coat chassis.</p> <hr/> <p><b>Dimensions:</b> L: 70 cm x W: 38 cm x H: 38 cm.</p> <hr/> <p><b>Weight:</b> 10 kg.</p>
<b>Output capacity</b>	<p><b>Spooling speed:</b> Maximum 10 meters a minute.</p> <hr/> <p><b>Spool Capacity:</b> The Winder 2 supports both 1 KG and 2.2 KG spools.</p> <hr/> <p><b>Filament Diameter:</b> Ranges from a minimum of 0.3mm to a maximum of 4mm.</p>
<b>Certification</b>	<p><b>CE certified:</b> For compliance with safety and quality standards</p>

## Contact

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For more detailed information, please refer to the Noztek Touch user manual or feel free to contact our dedicated Noztek expert team for direct support and guidance.