

New Double Sided Timing Belt by Shanghai Puteken Enhances Synchronous Drive Efficiency

Shanghai Puteken unveils a high-performance Double Sided Timing Belt designed for precise, dual-direction power transmission in advanced industrial systems.



PUTEKEN

DOUBLE SIDED TIMING BELT

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Shanghai, China Nov 11, 2025 (IssueWire.com) - Shanghai Puteken Transmission System Co., Ltd., a leader in power transmission and synchronous belt solutions, is proud to launch its latest innovation: the [Double Sided Timing Belt](#). This cutting-edge product is engineered to meet the demanding needs of multi-axis machinery, automation, robotics, and precision systems worldwide.

The [Double Sided Timing Belt](#) from Puteken features teeth on both the inner and outer surfaces, allowing power transmission in dual directions. This dual-sided design enables more compact layouts and eliminates the need for multiple belts in complex machines. Whether driving multiple pulleys or coordinating synchronous motion across different axes, this belt provides flexibility, high accuracy, and space savings.

Key Features & Advantages

- **Dual Power Transmission** – The belt can drive pulleys from both sides simultaneously, giving designers freedom to optimize motion systems.
- **High Precision & Synchronization** – Regardless of forward or reverse direction, the belt maintains accurate synchronization, reducing error.

- **Space Efficiency** – The two-sided teeth layout helps to reduce installation footprint and complexity in tight mechanical designs.
- **Versatile Material Options** – Available in either polyurethane with steel or Kevlar core, or rubber with reinforced fiberglass core.
- **Multiple Profiles & Series** – Puteken offers versions such as D5M, DS8M, DH, DL, DXH, DXL, T5-DL, T20-DL, AT10-DL, AT20-DL, and more to match a broad spectrum of industrial needs.

Applications Across Industries

The Double Sided Timing Belt is ideal for:

- 3D printers (especially CoreXY designs) where synchronized motion on X and Y axes is crucial
- Automation and robotics systems require compact, bidirectional drives
- Printers, plotters, and packaging machines where multi-axis synchronization is needed
- Medical and lab instruments, lighting systems, or optical scanners requiring precise motion control

By integrating Puteken's Double Sided Timing Belt into their systems, engineers can reduce component count, lower maintenance, and enhance performance.

About Shanghai Puteken

[Shanghai Puteken Transmission System Co., Ltd.](#) has built a strong reputation as an innovative manufacturer in the global drive belt industry. With a commitment to quality, precision engineering, and custom solutions, Puteken supports clients across machinery, automation, printing, logistics, textile, and electronics sectors.

For more information or to request a custom quote for the [Double Sided Timing Belt](#), please visit Puteken's product page or contact their technical team.

For more info about the company

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