



DRIVEN BY POSSIBILITY™

DESIGN POWER™ MODULES:

DESIGN IQ™

PRECISION MULTI-POINT DRIVE DESIGN

Complex multi-point drives, challenging operating conditions, or custom pulley needs? Bring it on. The Design IQ module helps you calculate tension, shaft loads, and belt lengths instantly for both standard and custom configurations so you can focus on innovation. Perfect for your heavy-duty applications where you can't compromise on performance.

WHY IS THIS TOOL INDISPENSABLE?

- **Engineered for accuracy** – Backed by Gates proven technical expertise, ensuring dependable results every time
- **Workflow revolution** – Replace tedious manual math with automated calculations in seconds
- **Total flexibility** – Leverage belt-drive specific 2D CAD to adapt designs to unique requirements

HOW DESIGN IQ WORKS



CHOOSE

Whether you are simply replacing existing product or looking to optimize your full power transmission setup, pick the ideal belt product for your project.



DEFINE

Dealing with compact areas or complex duty cycles? No problem. Input your geometry and loading data to refine your drive design.



SOLVE

View instant calculations and generate full product reports making ordering and communicating designs easier than ever.



REFINE

Adjust and optimize anytime for real-time feedback, or save your designs to project files to retain, organize, and collaborate with other team members.

HIGH-IMPACT INDUSTRIES



AGRICULTURE

Dependable solutions for combines, balers, and other rugged equipment



FACTORY AUTOMATION

Reliable performance for conveyors and production line systems



HEAVY MACHINERY

Robust designs for mining, construction, and industrial use



WOOD PROCESSING

Precision drives for sawmills, chippers, and material handling

Gates Design Power provides access to a full range of professional-grade tools for new drive designs, specialized TPU belting, and bicycle drives and components. With robust functionality and expanded features, the desktop, mobile, and web versions provide next-level control over performance and reliability. Get started today and revolutionize the way you engineer belt drives.

WE'RE HERE FOR YOU



Need help? Want to explore new possibilities? Our team of industry experts is always available to answer your questions and provide personalized guidance.

Contact us: PTPASupport@gates.com

Scan the QR code to explore more of Design Power.