



DRIVEN BY POSSIBILITY™

DESIGN POWER™ MODULES:

DESIGN FLEX PRO™

PRECISION BELT DRIVE OPTIMIZATION

Forget guesswork. Master two-point drive design with precision - analyze Gates components, calculate rated power and tension in seconds, and unlock energy savings that extend beyond traditional design platforms. This isn't just software, it's how you elevate your game.

WHY ENGINEERS DEMAND DESIGN FLEX PRO

- **Gates-validated data and product information:** Develop optimal belt solutions with confidence
- **Eliminate spreadsheet overload:** Save hours per project with streamlined calculations
- **Energy savings calculator:** Quantify savings and justify decisions before presenting to management
- **Smart product selection:** Design Flex Pro analyzes Gates products and recommends the best for your application, no product knowledge required

HOW DESIGN FLEX PRO WORKS



MINIMIZE COMPLEXITY

Input your specs for new designs, chain to belt conversions, or part replacement, and let our algorithm analyze the selected Gates belt and pulley combinations.



CALCULATE WITH PRECISION

Compare ranked solutions and select the right configuration based on your project goals.



DESIGN WITH CONFIDENCE

Get exact installation tension, belt pull, and rated power - no guesswork, just accuracy.



CALCULATE YOUR ROI

Optimize efficiency with the right design—cut energy costs, reduce waste, and boost performance. Align with sustainability goals while maximizing operational savings

HIGH-IMPACT INDUSTRIES



DATA CENTER COOLING

Engineered for precision performance in CRAC fan systems and cooling towers



HVAC

Optimize drives for blowers, air handlers, and exhaust systems.



MATERIAL HANDLING

For rollers and sorting systems where underdesigned drives are a preventable failure point.



MINING

Select the right belts to excel in remote, high-vibration environments, like high-torque primary crushers and conveyors.

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.