



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](mailto:PTPASupport@gates.com)

Scan the QR code to explore more of Design Power.