



DRIVEN BY POSSIBILITY™



# DESIGN POWER™

## THREE PLATFORMS, SAME SUPPORT - CREATE ANYWHERE, ANYTIME



**DESIGN  
POWER™  
DESKTOP APP**

Advanced tools for  
next-level engineering

With access to powerful modules, including the **Design Flex Pro™**, **Design IQ™**, **Bicycle Drive Assistant**, and the **TPU Module**, you can tackle even the most complex applications with confidence. The desktop version offers advanced design and calculation capabilities, ensuring your projects meet the highest performance and reliability standards. Whether you're optimizing multi-point drives or designing TPU belt systems for robotics, the desktop app provides the tools you need to improve your operation.



**DESIGN  
POWER™  
WEB APP**

Instant access, no  
downloads required

Accessible through any internet browser, the web app offers real-time updates and cloud-based storage, making it easy to collaborate with your team and share projects across platforms. It doesn't matter if you're in the office or on the move; the lightweight interface of our web app ensures you're always connected to your designs, so you can keep your projects moving forward without interruption.



**DESIGN  
POWER™  
MOBILE APP**

Power and precision at  
your fingertips

When you're in the field and need to make quick design changes, the **Design Power** mobile app has you covered. Available for download on the **App Store** and **Google Play**, the mobile app provides on-the-go access to key modules and tools, including **Design Flex Pro** and **TPU Modules**.

## TUTORIALS AND TRAINING

Whether you're new to power transmission designs or want to improve your skills, our YouTube playlists of in-depth tutorials and Pro Tips mini-videos are designed to help you get the most out of the Design Power platform. From getting started with the TPU Module to mastering advanced design techniques, our video resources are ready to provide the support you need to push your design capabilities to the next level.

## WE'RE HERE FOR YOU

Need help with a specific module? Do you want to explore new possibilities? Our team of industry experts is always available to answer your questions and provide personalized guidance. Contact us today to revolutionize your operation with Design Power.

Power Transmission Product Application Team

PTPASupport@gates.com

## CHOOSING THE RIGHT MODULE FOR YOUR NEEDS

### DESIGN FLEX PRO

AVAILABLE ON: DESKTOP, WEB, AND MOBILE

#### FOR TWO-POINT DRIVE DESIGNS

Whether you're new to belt drive design or looking for a quicker solution, Design Flex Pro empowers you to calculate installation tension, belt pull, and rated power with precision, while offering a list of recommended design solutions to guide you to the right choice for your operation.

### DESIGN IQ

AVAILABLE ON: DESKTOP

#### FOR MULTI-POINT DRIVE DESIGNS

With its powerful engineering capabilities, this module is ideal for applications requiring high precision and performance, such as harvesters or lumber mills. Enter your drive specifications and Design IQ will calculate belt tension, shaft load, and belt length for you.

### TPU MODULE

AVAILABLE ON: DESKTOP, WEB, AND MOBILE

#### SIMPLIFIES THE DESIGN OF THERMOPLASTIC POLYURETHANE (TPU) BELT DRIVES

In just a few easy steps our newest module simplifies the design of TPU belt drives. The TPU Module guides you through inputting your drive layout, application load, and environmental conditions to receive a list of recommended Gates product configurations. Our system allows you to enter belt specifications for a wide range of equipment, from conveyors to robotic pick-and-place systems.

### BICYCLE DRIVE ASSISTANT

AVAILABLE ON: DESKTOP, WEB, AND MOBILE

#### OPTIMIZATION FOR THE LONG RIDE

For bicycle manufacturers and cyclists alike, this Design Power platform offers tailored tools for designing belt-driven bicycles. This guided tool is backed by partner product data, ensuring compatibility with various bike components. Whether you're focused on enhancing eBike performance or configuring a mountain bike drivetrain, the Bicycle Drive Assistant will help you create reliable and innovative solutions.

## EXTENDED SUPPORT TOOLS



#### FACILITY MANAGEMENT: DRIVE SYSTEM ORGANIZATION AND TRACKING

AVAILABLE ON: DESKTOP, WEB, AND MOBILE

Manage and monitor your drive systems at every location with Facility Management. This centralized dashboard provides alerts and maintenance tracking, ensuring your equipment runs smoothly and efficiently. Stay ahead of routine maintenance and be ready for replacement cycles with the Facility Management tool.



#### SONIC TENSION METER: OPTIMAL TENSION, ANYTIME, ANYWHERE

AVAILABLE ON: WEB AND MOBILE

The Sonic Tension Meter allows you to measure belt tension using sound waves. This innovative tool provides reliable and easy-to-interpret readings directly from your smartphone or tablet. Supplement your existing toolkit and ensure your belts are running at peak performance, regardless of their location.



#### FLASHLIGHT RPM METER: INSTANT RPM CHECKS, NO EXTRA TOOLS NEEDED

AVAILABLE ON: MOBILE

This tool lets you measure RPM using your phone's flashlight, perfect for quick, on-the-spot checks. While it's not a replacement for precision speed measurement hardware, it's a handy solution for fast, no-fuss measurements.



#### SOUND LEVEL METER: KEEP NOISE IN CHECK

AVAILABLE ON: WEB AND MOBILE

Design Power now allows you to monitor noise levels of your drive systems. This tool provides real-time decibel readings, helping you ensure your equipment operates consistently and within expected noise levels.



#### DISTANCE METER: PRECISION MEASUREMENTS, EASY INSTALLATIONS

AVAILABLE ON: MOBILE

A tool that helps you measure shaft center distances for drive system installations, saving you time and reducing errors during setup. Ensure your designs are accurate and streamline the installation process with Design Power.

#### INNOVATION WITH INSIGHT

Gates complements this self-service tool with expert technical assistance, offering tailored support for any drive you create or need to design.

CONTACT AN EXPERT TODAY

GATES DESIGN SOFTWARE SUPPORT EMAIL: [GatesDesignSoftwareSupport@gates.com](mailto:GatesDesignSoftwareSupport@gates.com)

Report bugs, request new features, or get help from the internal team that builds, supports, and maintains the Design Power Application. One more way that our Gates team of experts is ready to assist.



LEARN MORE ON  
GATES.COM