

- > Reduce drive cost up to 35%
- > Reduce drive width up to 67%
- > Reduce drive weight up to 50%

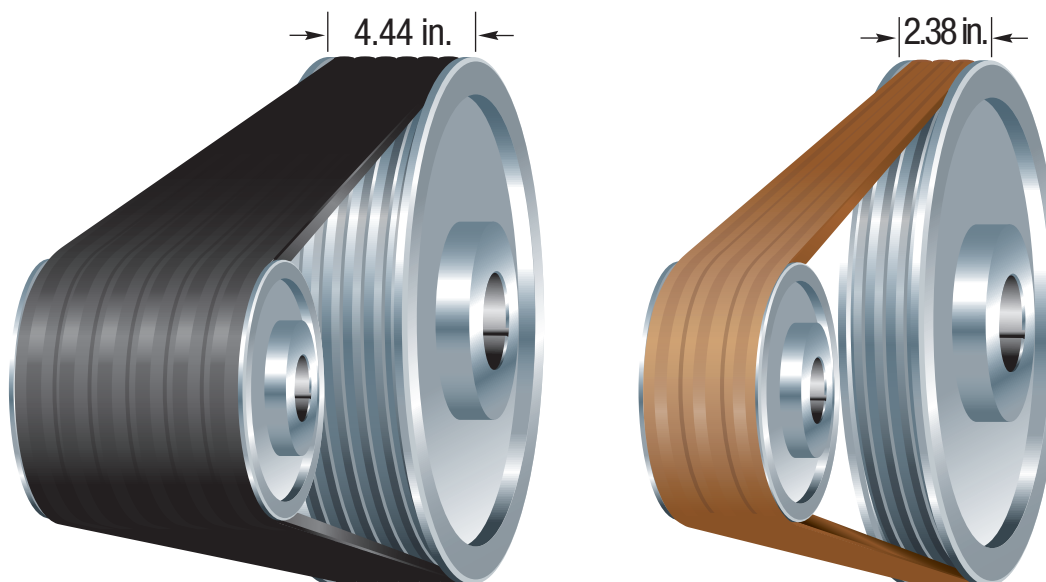


PREDATOR®

Belt Drive System

Compact drive saves space, weight and money

Predator® V-belts can handle 1.4 to 2.2 times more horsepower than the equivalent size standard V-belt. So you can design a more compact drive that weighs less, puts less strain on costlier components, and uses fewer belts. All of which saves you money. See the difference in the following example¹:



¹Drive specifications include 150 HP motor, 1750 rpm, 1.3 service factor, driveR O.D. 12.5 in., driveN O.D. 31.5 in., center distance 30 in.

Standard

6 Strand 5V drive
Rated HP/Strand: 32.9
Total weight: 265 lbs
Total list price: \$3087

Predator

3 Strand 5VP drive
Rated HP/Strand: 66.8
Total weight: 153 lbs
Total list price: \$2140

Compared with a standard V-belt drive, the more compact Predator drive provides equal or greater horsepower capacity in nearly half the width and weight, at a third less cost.

Design solutions at your fingertips

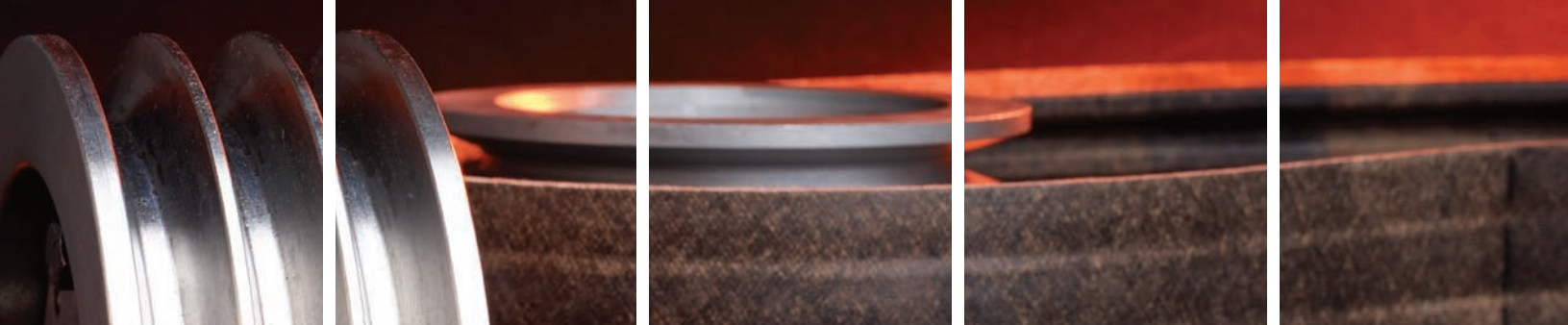
Designing a new drive? Converting an existing drive? It's easy with Gates DesignFlex® Pro™ software. Simply enter the data—HP, RPM, service factor, center distance, driveR/driveN sheave diameters—and DesignFlex Pro will calculate your Predator belt and standard sheave options. Save hours over a manual process. This free tool is available at www.gates.com/designflex. You may also email the Gates Product Application Helpline at ptpasupport@gates.com.

Standard



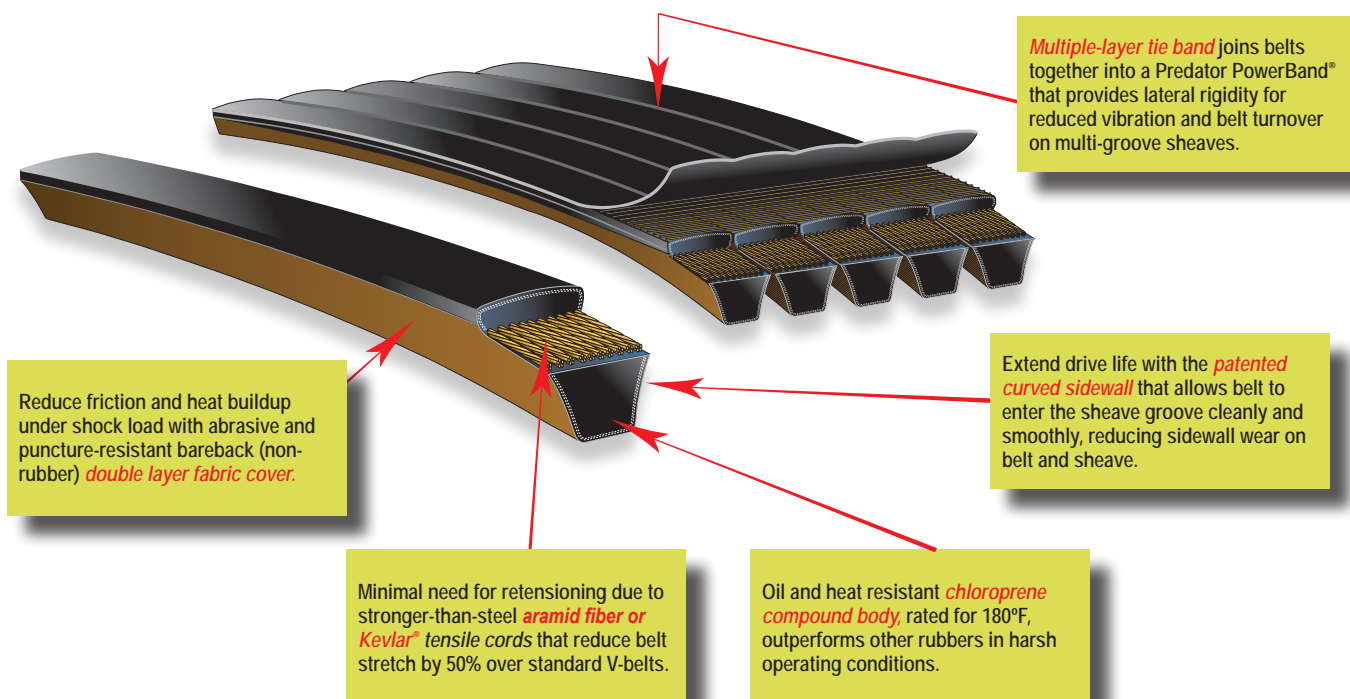
Predator®





Tackle tough applications

High horsepower motors? Shock loads from sudden starts and stops? Dirty operating environments? High heat? Contamination from oil and solvents? Predator® V-belts handle them all. Here's why:



Predator belt drives in action

Gates Predator belt drives have proven themselves in the toughest applications in agriculture, forestry, mining, construction and manufacturing. To learn more about how Predator belt drives perform, visit www.gates.com/ptcasestudies.

Ready for delivery

Gates has over 40,000 Predator belts and sheaves in stock and ready to ship. This inventory includes both singles and PowerBand® belts.

Predator Cross Sections			
	Classical	Narrow	Metric
SINGLES	AP, BP, CP	5VP, 8VP	SPBP, SPCP
POWERBANDS	CP	3VP, 5VP, 8VP	



POWERING PROGRESS™



MTO Metals

Gates Made-To-Order Metals team specializes in providing prototype and production pulleys and sheaves to meet your design specifications: special materials and finishes, unique hubs and bores, dynamic balancing and sub-assemblies. No order is too large or too small, and urgent turnaround times can also be met.

makemymetal@gates.com



Our Guarantee

If, for any reason, the Predator® belt drive system does not meet your expectations during the first 90 days, just return all components to your Gates distributor for a full refund.*

* To qualify for the 90 Day Risk Free guarantee, the belt drive system must use all Gates components including belt, sheaves and bushings. The drive must be designed using Design Flex software by or in partnership with Gates or your authorized Gates distributor, and must be properly installed. Refund via account credit.

www.gates.com/predator



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