



Allison
Transmission®
TERRATRAN™



**Powerful Performance in
Challenging Conditions**

Tailored for the Toughest Jobs

TerraTran™ is a heavy-duty fully automatic transmission made to meet the tough and exacting needs of global off-highway mining and construction applications.

- Underground Mining Trucks
- Articulated Dump Trucks
- Wide Body Mining Dump Trucks

Drive With More Power + Control

In addition to increased torque, GVW Capacity and horsepower, TerraTran™ offers enhanced driveability, gradeability and maneuverability in any conditions. It features an upgraded torque converter, seven forward gears, two reverse gears as well as hardened internal components built to last longer and perform in even the harshest landscapes. Whatever the job, TerraTran is designed to succeed.

The Automatic Choice

Allison has over sixty years of experience in hauling. TerraTran™ was developed to make heavy-duty vehicles operate smoothly and efficiently and designed to meet and exceed the demands of global customers.

Features include:

- Superior driveability with powershift and fast reverse
- Industry-leading performance
- Proven durability
- Reliability from start to finish
- Competitive total cost of ownership

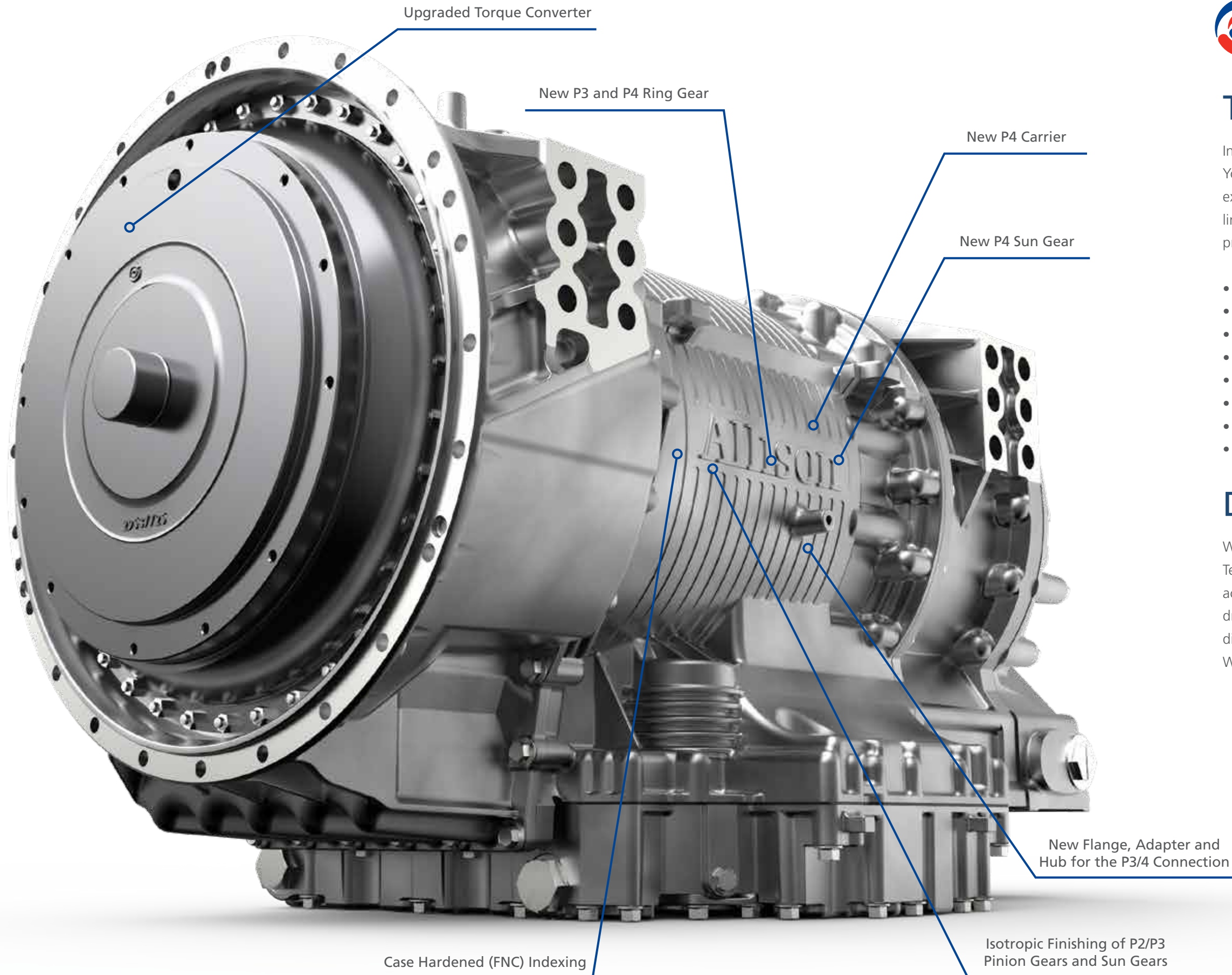
The Features You Need

Input from our customers led to the development of the TerraTran™. You spoke; we listened. TerraTran has the proven performance and external dimensions of our 4800, a model within our 4000 Series™ line of transmissions, with additional features and power to increase productivity in the toughest terrains.

- Maximum power of 800 hp (597 kW)
- Max torque capability up to 3025 lb-ft (4100 N•m)
- Input torque range up to 2360 lb-ft (3200 N•m)
- Increased GVW Capacity
- Seven forward speeds
- Two reverse speeds with fast reverse
- Lock up in reverse
- Optimized gear ratios

Drive With Confidence

With Allison's patented Continuous Power Technology™, TerraTran™ delivers smooth, seamless power with superior acceleration and startability. Our Next Gen Controls let you drive how you want while providing in-depth prognostics and diagnostics on your transmission's health and performance. When you drive with Allison, you drive with confidence.



TerraTran™ Ratings

Input Power Range	Input Torque Range	Turbine Torque Range	Dry Weight Basic Model	Dimensions Basic Model	Gross Vehicle Weight
kW (hp)	N•m (lb-ft)	N•m (lb-ft)	kg (lbs)	mm (in)	kg (lbs)
403 (540) - 597 (800)	2644 (1950) - 3200 (2360)	3796 (2800) - 4100 (3025)	493 (1087)	1031.6 L x 378.2 D (40.61 L x 14.89 D)	96000 (211,644)

Gear Ratios

	First	Second	Third	Fourth	Fifth	Sixth	Seventh	R1	R2
TerraTran™	4.7	3.3	2.21	1.53	1.00	0.76	0.67	-5.55	-2.42



A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to more than 1,400 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

Our support starts from the moment an Allison transmission is specified. We work with you to ensure that the model and ratings fit your engine to create a tailored package of powerful performance and reliable efficiency. When you need parts or service, you can count on global access to factory-trained specialists and Allison Genuine Parts™.

One Allison Way
Indianapolis, Indiana USA 46222-3271

Information or specifications subject to
change without notice or obligation.

allisontransmission.com

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