



# **PACCAR TX-18**

**HIGH  
PERFORMANCE  
FOR HEAVY  
LOADS**

Introducing the new PACCAR TX-18 series. These purpose-built, high-performance, automated transmissions combine the efficiency, weight savings, and sophisticated controls of the TX-12 with toughness to conquer heavy-duty on- and off-highway jobs. The TX-18 and TX-18 Pro have revolutionary features designed to help get the job done.

# PACCAR TX-18 HIGHLIGHTS

**Twin-countershaft** design with helical gears and large bearings optimized for higher engine torque and weights

**Smooth and intuitive** shift strategies that improve fuel economy and driver comfort

**Up to six** configurable reverse speeds

**Longest** transmission oil change interval for linehaul applications (750,000 MI.)

**Extreme duty clutch** available for precise low speed maneuvering at max. capacity.

**Internal wiring** and sensors minimize exposure and corrosion for improved uptime

**Transmission fluid pressure and oil temperature sensors** alert driver before system is damaged

**Coolerless design** (up to 110K lbs. GCW) reduces maintenance requirements

## KEY SPECIFICATIONS & CAPACITIES

<b>GEARS</b>	18 Forward/1-6 Reverse
<b>TORQUE CAPACITY</b>	1,850 LB.-FT.
<b>MAX. HORSEPOWER</b>	510 HP
<b>OIL CAPACITY</b>	25.4 PTS. <sup>1</sup>
<b>SYSTEM WEIGHT</b>	808 LBS. (TX-18) 813 LBS. (TX-18 PRO)
<b>MAXIMUM OPERATING WEIGHT</b>	140,000 LBS.
<b>PTO MAXIMUM CAPACITY</b>	160 HP
	Standard Dual PTO
	8-Bolt Bottom Mount, 4-Bolt Rear Mount

<sup>1</sup>FOR COOLERLESS, NON-PTO CONFIGURATION

### WARRANTY COVERAGE

<b>LINE HAUL</b>	5 YRS./750K MI.
<b>STANDARD</b> (CONSTRUCTION, PICKUP & DELIVERY)	3 YRS./300K MI.
<b>SEVERE DUTY</b> (LOGGING, MINING, OILFIELD)	2YRS./UNLIMITED MILES

### MAINTENANCE INTERVALS

<b>ON-HIGHWAY</b>	500,000 MI or 5 YRS
<b>VOCATIONAL</b>	250,000 MI or 3 YRS
<b>CLUTCH</b>	Maintenance Free

## RATIOS

<b>1ST</b>	14.32	<b>R1</b>	15.25
<b>2ND</b>	11.96	<b>R2</b>	12.73
<b>3RD</b>	10.02	<b>R3</b>	10.67
<b>4TH</b>	8.43	<b>R4</b> <sup>2</sup>	3.08
<b>5TH</b>	7.04	<b>R5</b> <sup>2</sup>	2.57
<b>6TH</b>	5.9	<b>R6</b> <sup>2</sup>	2.15
<b>7TH</b>	4.95	<b>OVERALL</b>	20.46
<b>8TH</b>	4.13	<sup>2</sup> TX-18 PRO	
<b>9TH</b>	3.46		
<b>10TH</b>	2.89		
<b>11TH</b>	2.41		
<b>12TH</b>	2.02		
<b>13TH</b>	1.7		
<b>14TH</b>	1.42		
<b>15TH</b>	1.19		
<b>16TH</b>	1		
<b>17TH</b>	0.83		
<b>18TH</b>	0.7		