



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

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

¹FOR COOLERLESS, NON-PTO CONFIGURATION

WARRANTY COVERAGE

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

MAINTENANCE INTERVALS

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

RATIOS

1ST	14.32	R1	15.25
2ND	11.96	R2	12.73
3RD	10.02	R3	10.67
4TH	8.43	R4²	3.08
5TH	7.04	R5²	2.57
6TH	5.9	R6²	2.15
7TH	4.95	OVERALL	20.46
8TH	4.13	² TX-18 PRO	
9TH	3.46		
10TH	2.89		
11TH	2.41		
12TH	2.02		
13TH	1.7		
14TH	1.42		
15TH	1.19		
16TH	1		
17TH	0.83		
18TH	0.7		