

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 LBFT
MAX. HORSEPOWER	510 HP
OIL CAPACITY	25.4 PTS
SYSTEM WEIGHT	808 LBS. (TX-18)
	813 LBS. (TX-18 PRO)
MAXIMUM OPERATING WEIGHT	140,000 LBS
PTO MAXIMUM CAPACITY	160 HF
	Standard Dual PTC
8-Bolt Bottom	Mount, 4-Bolt Rear Mount
	Mount, 4-Bolt Rear Mount
OR COOLERLESS, NON-PTO CONFIGURATION	Mount, 4-Bolt Rear Mount
WARRANTY COVERAGE	Mount, 4-Bolt Rear Mount 5 YRS./750K MI
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WARRANTY COVERAGE LINE HAUL STANDARD (CONSTRUCTION, PICKUP & DELIVERY)	5 YRS./750K MI
WARRANTY COVERAGE LINE HAUL STANDARD (CONSTRUCTION, PICKUP & DELIVERY)	5 YRS./750K MI 3 YRS./300K MI
WARRANTY COVERAGE LINE HAUL STANDARD (CONSTRUCTION, PICKUP & DELIVERY) SEVERE DUTY (LOGGING, MINING, OILFIELD)	5 YRS./750K MI 3 YRS./300K MI
WARRANTY COVERAGE LINE HAUL STANDARD (CONSTRUCTION, PICKUP & DELIVERY) SEVERE DUTY (LOGGING, MINING, OILFIELD) MAINTENANCE INTERVALS	5 YRS./750K MI 3 YRS./300K MI 2YRS./UNLIMITED MILES
8-Bolt Bottom OR COOLERLESS, NON-PTO CONFIGURATION WARRANTY COVERAGE LINE HAUL STANDARD (CONSTRUCTION, PICKUP & DELIVERY) SEVERE DUTY (LOGGING, MINING, OILFIELD) MAINTENANCE INTERVALS ON-HIGHWAY VOCATIONAL	5 YRS./750K MI 3 YRS./300K MI

RATIOS				
1ST	14.32	R1	15.25	
2ND	11.96	R2	12.73	
3RD	10.02	R3	10.67	
4TH	8.43	R4 ²	3.08	
5ТН	7.04	R5 ²	2.57	
6ТН	5.9	R6 ²	2.15	
7TH	4.95	OVERA	OVERALL 20.46	
8TH	4.13	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			

PACCAR POWERTRAIN

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