



SPECIFICATIONS – INDUSTRIAL: MODEL TML

Your High-Performance Industrial Transmission

The Waterous TML is a full-torque, split-shaft power take-off with counter-enginewise rotation. The TML has outputs to 150 HP (112kW) and thru torque to 9100 ft. lb (12,400 N•m). The TML also has output to the front, rear or both and has five available ratios.



Specifications:

Case:

High-tensile gray iron

Driveline:

Standard:

- 1-3/4-10 SAE spline, 4100 ft-lb torque rating

Optional:

- 2-10 SAE spline, 6100 ft-lb torque rating
- 2-38T involute spline, 9100 ft-lb torque rating

Bearings:

Oil lubricated ball bearings throughout.

Output Shaft:

- 1-1/8 round with key
- 1-3/8 spline with yoke
- SAE Class B 2-bolt or 4-bolt, 7/8-13T spline
- SAE Class C 2-bolt or 4-bolt, 1-1/4-14 spline
- Output to front, rear or both
- Front output rotation - clockwise
- Rear output rotation - counterclockwise

Gears: Constant mesh helical, alloy steel. All gears are crown shaved, carburized and hardened. The bores are precision ground.

Optional Equipment:

Tachometer and Speed Connection – Mechanical Drive Design:

Standard:

Without tachometer or speedometer

Optional:

- Tachometer only
- Speedometer only (not available with 2 in. driveline)
- Tachometer and Speedometer (not available with 2 in. driveline)

Electric Shift:

Dependable in-cab control eliminates mechanical linkages, and simplifies shifting operation.

Parking Brake:

Bendix Duo-Duty, available as follows:

1-3/4-10 SAE Driveline

- 9 x 3 for 1500 series U-joints
- 12 x 3 for 1600 series U-joints

2-10 SAE Driveline

- 12 x 3 for 1700 series U-joints

2-38T Involute Driveline

- 12 x 3 for 1700 series U-joints.

Ratio Horsepower Ratings:

Ratio	Output Shaft Speed (RPM)							
	200	500	1000	1500	2000	2500	3000	3500
0.71	45	80	140	150	150			
0.88	40	75	130	145	150	150		
1.04	35	70	120	140	145	150	150	
1.29	30	65	110	135	140	150	150	150
1.59	27	58	95	127	137	147	150	150

Industry-Leading Sales and Support

When you purchase Waterous equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

Sales/Applications Assistance

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