



HICKLIN EDECT

TRANSMISSION TEST STAND

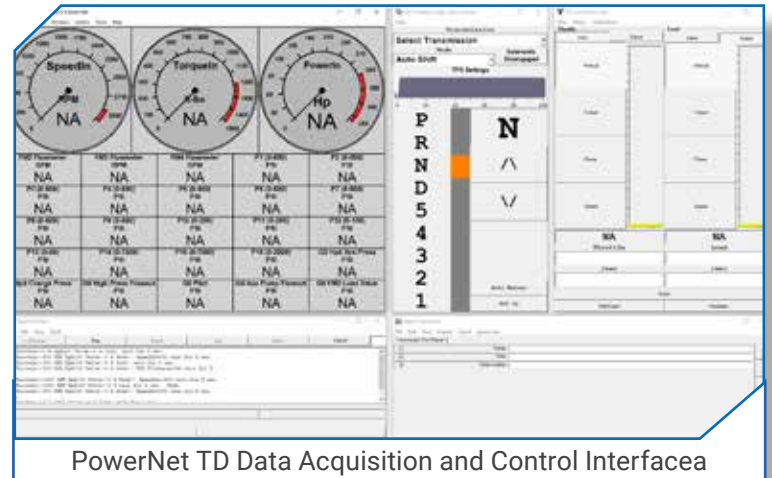
Engineered for Heavy-Duty Transmission including inline, v-drive, and angle-drive configurations

The Hicklin EDECT Transmission Test Stand is engineered for heavy-duty transmissions including inline, v-drive, and angle-drive configurations. It is applicable for a wide range of transmissions including all Allison, Dana/Spicer, Voith, ZF, and Renk transmissions and many more military/off-road applications. This versatile transmission test stand can accommodate all sizes off-highway equipment including power/manual shift, drop-box, and remote configurations.



FEATURES

- Comes standard with 150 HP direct drive AC Electric motor
- Delivers full torque capacity bi-directionally up to 4000 RPMs
- Accommodates additional motor sizes from 100-2,000 HP
- Eddy Load Unit absorbs up to 800 HP intermittently and 200 HP continuously
- Compatible with PowerNet TD Data Acquisition and Control



PowerNet TD Data Acquisition and Control Interface

CAPABLE OF TESTING

- All gears – planetary, sun, etc.
- Mechanical noise
- Hot & cold testing
- All available pressure ports
- Shift points
- Pump capacity & flow pressure
- Leaks – internal, external
- Stall speed – forward, reverse
- Throttle valve pressure
- Automatic & manual up/downshift
- Vacuum pressure modulator
- Solenoid functions
- Converter – lockup and non-lockup types
- Output & internal loading
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PRODUCT SPECIFICATIONS

	150 HP EDECT	300 HP EDECT
POWER REQUIREMENTS	460/380 VAC, 60/50 HZ	460/380 VAC, 60/50 HZ
AIR REQUIREMENTS	1/2" LINES, 100 PSI MINIMUM (12.8 MM, 689 KPA MINIMUM)	1/2" LINES, 100 PSI MINIMUM (12.8 MM, 689 KPA MINIMUM)
WEIGHT	6,000 LBS. (2,722 KG)	6,500 LBS. (2,948 KG)
DIMENSIONS	174 L X 52 W X 74 H INCHES (442 L X 132 W X 188 H CM)	181 L X 52 W X 74 H INCHES (460 L X 132 W X 188 H CM)
OUTPUT LOAD UNIT		
TYPE	DIRECT-DRIVE AC MOTOR	DIRECT-DRIVE AC MOTOR
POWER	150 HP (112 KW)	300 HP (224 KW)
TORQUE	441 LB. FT. (598 NM)	885 LB. FT. (1,200 NM)
OUTPUT LOAD UNIT		
TYPE	AIR COOLED EDDY CURRENT, BI DIRECTIONAL	
INERTIA	169.1 LB-FT ² (7.12 KGM ²) - 175 LB-FT ² (WITH STALL BRAKE ROTOR)	
MAX. SPEED	5,300 RPM (4,800 RPM CONTINUOUS)	