

AXILINE 84000

BY SUPERFLOW

MANUAL TRANSMISSION DYNAMOMETER



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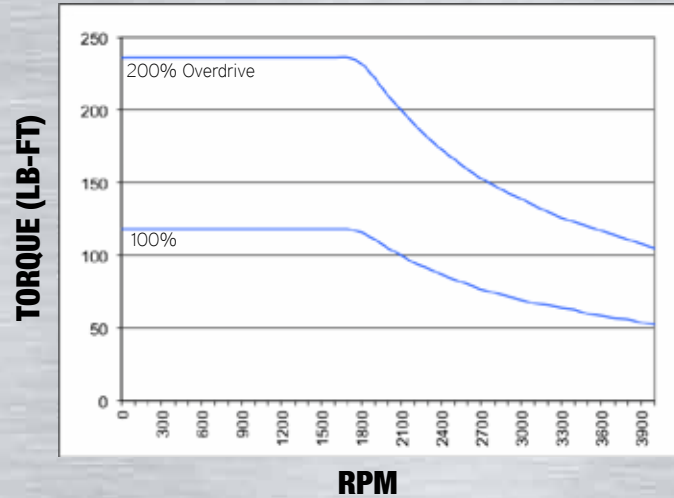
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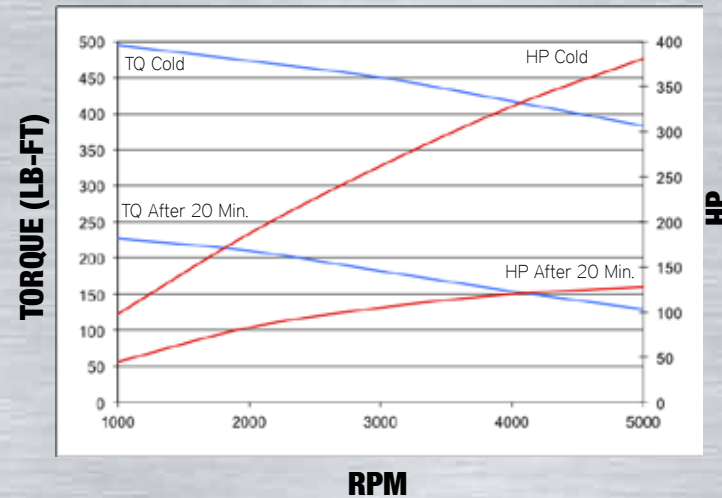
AXILINE® 84000 MANUAL TRANSMISSIONS

The perfect manual-shift dynamometer for light and heavy-duty truck transmissions. Tests Fuller, Meritor, Rockwell, Spicer, ZF and other manual transmissions. The 84000 E uses a 30 horsepower (90 lb/ft continuous, 180 lb/ft max. intermittent torque) input drive electric motor and tests from 0 to 2700 RPM. The eddy current load unit features variable control to simulate road conditions. At the push of a button the transmission gets a fresh-filtered fill of lube fluid from the tester's reservoir. The unit comes with one (1) master adaptation plate for SAE 1-2-3 housings to mount virtually all manual truck transmissions. Optional plates available for other popular automotive manual transmissions. A remote-wired motor-interrupt switch momentarily removes power from the transmission for easy shifting. Tooling includes 6 input spline adapters from 1¹/₈" to 2", 14 outputs from 5c to 1810 and 3 adapter rings.

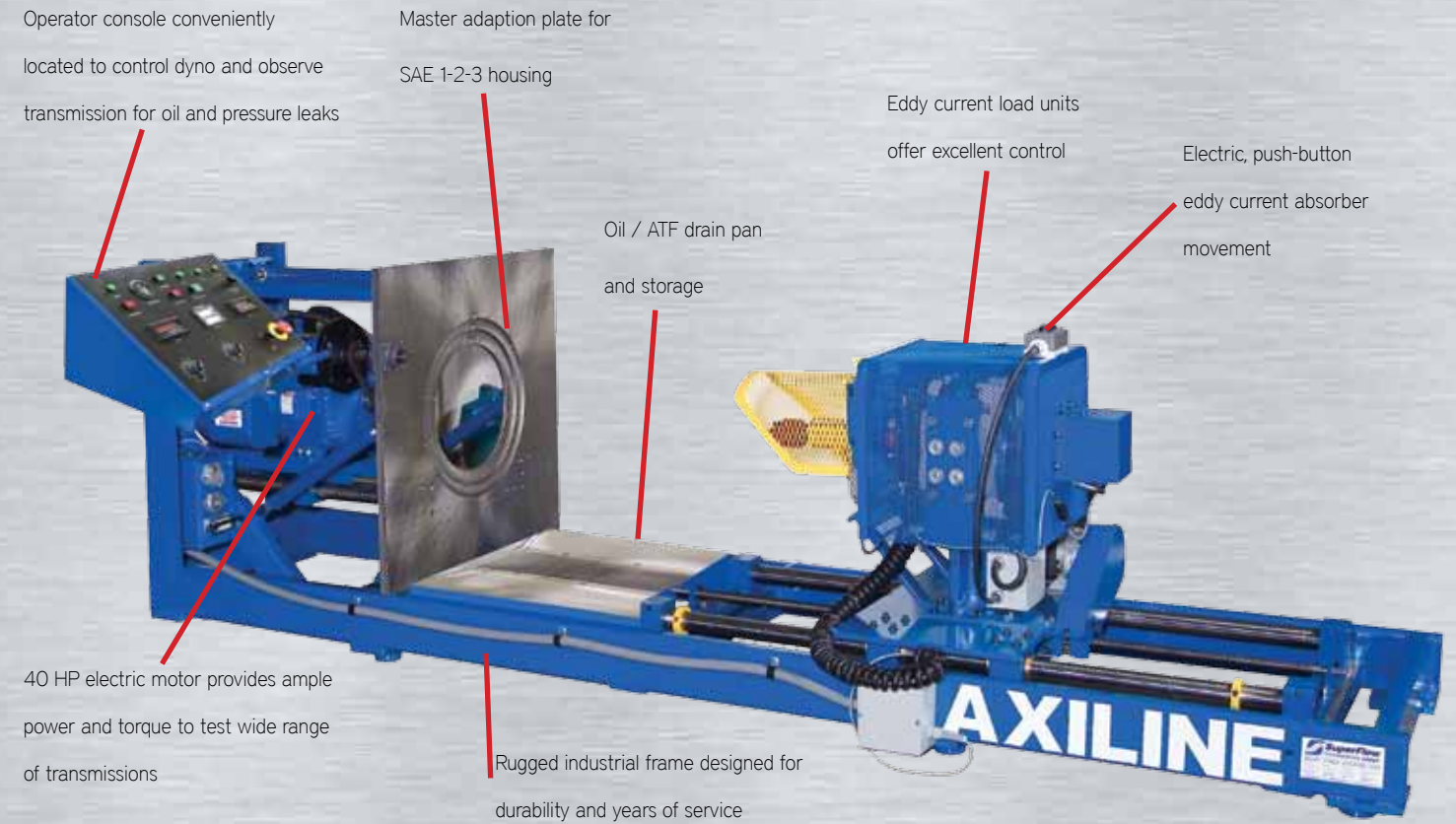
INPUT DRIVE ELECTRIC MOTOR



EDDY CURRENT ABSORBER



Pneumatic Clamping can be used to speed up mounting of transmission. No bolts needed with the SAE 1-2-3 Clamping.



SPECIFICATIONS

POWER REQUIREMENTS

220/240 V or 460/480 V 3-phase 60Hz and 110/120 V single phase (380 V available)

WEIGHT

3,500 lbs. (1,588 kg)

DIMENSIONS

138 in. x 43 in. x 41 in. (351 cm x 109 cm x 104 cm)

INPUT DRIVE (PRIME MOVER)

TYPE	Direct-drive AC motor
POWER	40 HP (30 kW)
CONSTANT POWER	1,750 to 3,600 RPM
CONSTANT TORQUE	0 to 1,750 RPM
MAXIMUM SPEED	3,600 RPM

EDDY CURRENT POWER ABSORBER

TYPE	Air Cooled, bidirectional
MODEL	K70
INERTIA	23.3 lb-ft ² (.98 kgm ²)
MAXIMUM SPEED	5,500 RPM
PEAK TORQUE	1,000 RPM, Cold: 495 lb-ft (671 N-m) 1,000 RPM, Hot: 227 lb-ft (308 N-m) 5,000 RPM, Cold: 385 lb-ft (522 N-m) 5,000 RPM, Hot: 129 lb-ft (175 N-m)

SUPERFLOW® DYNAMOMETERS & FLOWBENCHES

AXILINE® 84000 MANUAL TRANSMISSION DYNAMOMETER

SuperFlow® is a global market leader specializing in high-performance automotive testing and rebuilding equipment. Since the early 1970's SuperFlow® products have been used daily by professional engine builders, the military, technical schools, professional race teams, speed shops, transmission rebuilders, universities, and leading automotive manufacturers to produce powerful

and efficient vehicles. Our commitment to providing the best products and service at a great value has given us the opportunity to work with some of the most notable companies in the automotive industry. Come see why thousands of businesses have already chosen SuperFlow® for all of their testing needs.

CALL 1.888.442.5546 for more information on the Axiline® 84000 Manual Transmission Dynamometer.

Or visit us at superflow.com



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- Transmission Dynos
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- Transmission Testers

Manufactured in Colorado Springs, CO and Des Moines, IA U.S.A. Offices Worldwide; Des Moines, IA, Colorado Springs, CO, Pulle, Belgium
For Europe sales & service please call +32-3-4846511 or email info@superflow.be
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