



Technical Catalogue

Overview

The Power Steering Test Bench is a robust, industry-grade testing platform designed for accurate analysis and performance evaluation of power steering pumps, assemblies, and hydraulic components. Built with a high-capacity drive system, precision measurement instruments, and enhanced safety controls, this bench ensures reliable testing for commercial and automotive steering systems, including Bolero pickup attachments. Its ergonomic layout and strong structural design allow seamless operation, maintenance, and long-term durability in workshop and training environments.

Key Features

- Heavy-duty two-speed motor (700 / 1400 RPM) housed in a 10 HP-rated body for enhanced endurance.
- High working pressure up to 240 bar for testing a wide range of power steering components.
- Digital monitoring for temperature, RPM, and phase sequence (R, Y, B).
- Integrated safety system with emergency stop, stop/start indicators, and inbuilt pressure relief valve.
- 360° vertical adjustable power steering bracket for flexible mounting.
- Equipped with tower lamp and bench lamp for improved visibility during testing.
- Suitable for Bolero pickup steering testing with dedicated attachment.
- Includes 5 pump flange ports for multi-model compatibility.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Technical Specifications

Parameter	Specification
Maximum Working Pressure	240 Bar
Motor Speed (Forward/Reverse)	700 / 1400 RPM
Motor Type	2-Speed Motor (5 HP performance in 10 HP body)
Pressure Relief Valve	Inbuilt
Pump Flange	5 Nos
Flow Meter	37 LPM, 240 Bar (AW-Lake)
Pressure Gauge	4000 psi (WIKA)
Temperature Display	Digital Temperature Meter
RPM Display	Digital RPM Meter
Phase Monitoring	Digital R-Y-B Phase Indicator
Indicators	Stop & Start Indicator
Safety Control	Emergency Stop Switch
Test Attachment	Power Steering Test Attachment for Bolero Pickup
Power Input	4-Core Supply with Indication Mode
Steering Bracket	360° Vertical Adjustable (Custom Designed)
Lighting	Tower Lamp + Bench Lamp

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