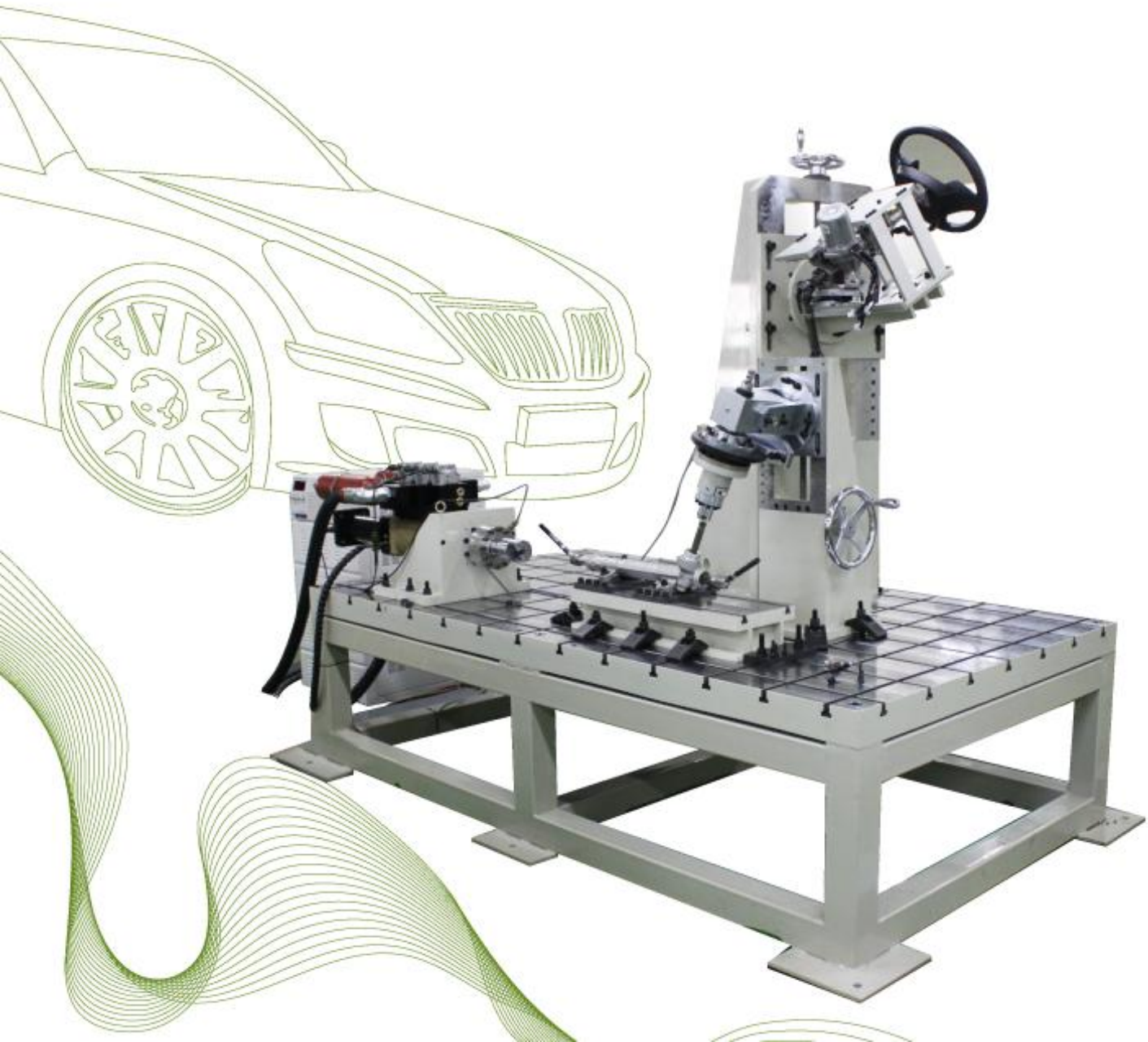
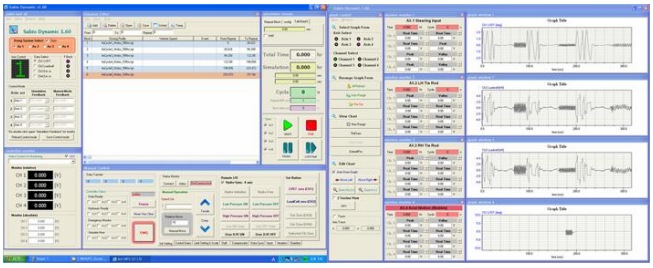
Electric Power Steering Fatigue Testing System

The Electric Power Steering Fatigue Testing System uses high performance hydraulic servo actuators and it performs dynamic load fatigue test and torsional impact test from the wheel.



This system consists of a Servo system, which includes one channel hydraulic servo actuator, CAN network for EPS control, a fixture to fix C-EPS, torque cell fixture, and a base plate.
Also, 21Mpa of pressure and 180LPM of Hydraulic Power Unit (HPU) is necessary.

The Electric power steering fatigue testing system uses an easy to use and prominently controllable controller, Deneb DE along with Sabio-D, the software. With this combination, this system satisfies all the test standards of auto makers and EPS manufacturers.



General Features and Configurations

- Hydraulic servo system
- Load, strain measurement channels
- CAN network module included
- Environmental chamber

Specifications

Impact Actuating System	Dynamic Force	50kN	**Sensor**	Torque	1500Nm
	Dynamic stroke	±125mm		Angle	360°
	Linear Speed	3m/s		Load	50kN
	Frequency	10Hz @10kN	**Main Table**	Size (W X D X H)	2800 X 680 X 1600mm