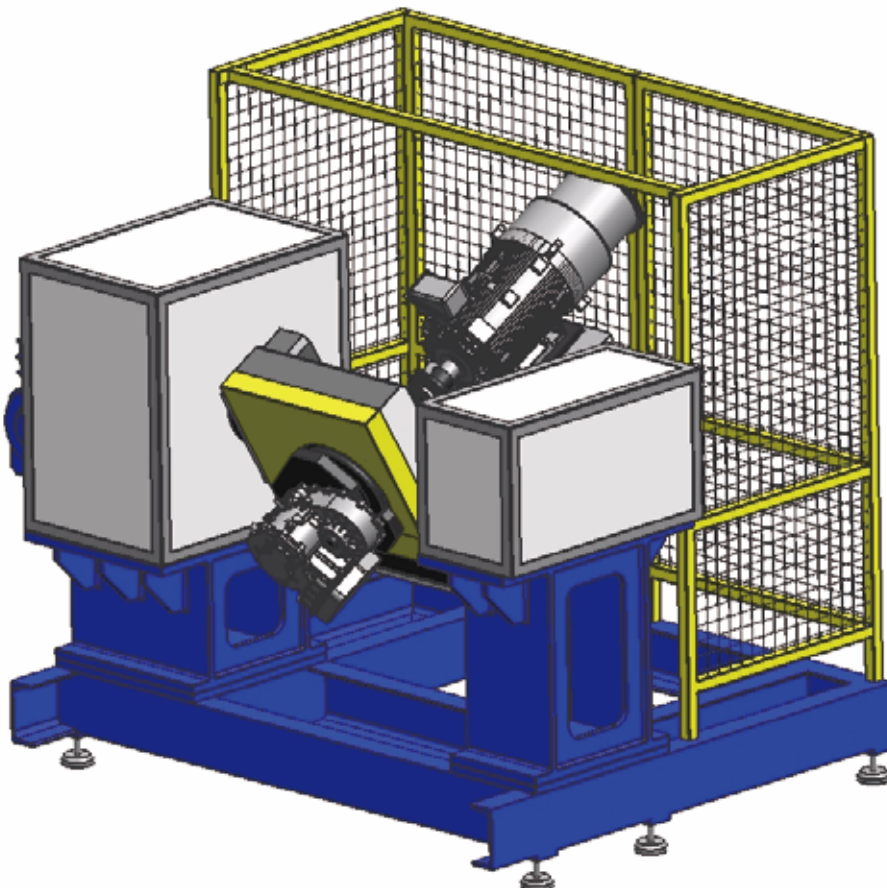


MTU-10 Power Train Incline Test Stand

1 Electric Drive Incline Test Stand for Transmission and Engine

2 Function Test, Endurance Test

3 Continuous Operation Pattern Operation



C haracteristic

Touch Panel

Incline angle, slewing angle and revolutions are adjustable.

Temperature, pressure, Torque and revolutions are observed. Emergency Stop

Automatic Control

Oil Temp. Water Temp.

Record (CF card)

Classification

【 No Load Test 】

- Engine
 - Loss-horsepower Measurement
 - Aeration Toughness Test
- Transmission
 - Loss-horsepower Measurement
 - Aeration Toughness Test

【 Ignition Test 】

- No Load
 - External Supply and Control
: Fuel · Electricity · Coolant
- Load
 - External Supply and Control
: Fuel · Electricity · Coolant

Spec.

【 No Load Test 】

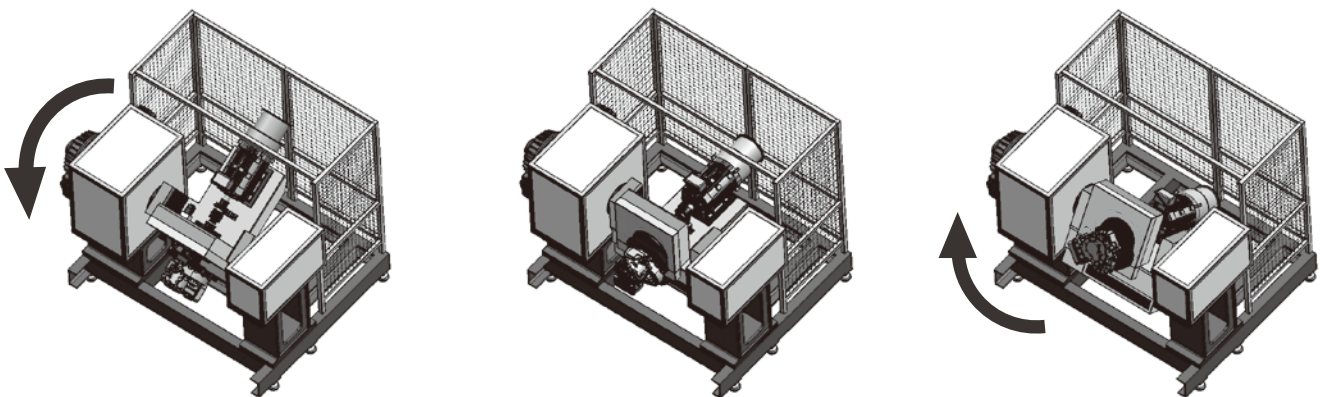
	Engine/Transmission
Object	to 3,000cc
Driving Motor	Inverter
Output	to 75kW
Revolutions	to 10,000rpm
Acceleration	△1 to △1,000rpm/sec
Slewing Angle	to ± 60°
Slewing Speed	to 45 deg/sec
Inclination Angle	to ± 50°
Inclination Speed	to 45 deg/sec
Oil Temperature	Room Temp. to 150°C
Measurement	Torque/Rev./Pressure/Temp.
Power Supply	AC 400V 3-phase

【 Ignition Test 】

	No Load/Load
Object	to 3,000cc
Torque	to 400N·m
Revolutions	to 10,000rpm
Slewing Angle	to ± 50°
Slewing Speed	to 45 deg/sec
Inclination Angle	to 50°
inclination Speed	to 45 deg/sec
Oil Temperature	Room Temp. to 150°C
External Supply	Coolant · Fuel · DC Power Source
External Control	Throttle · Starting/Stopping Signal
Measurement	Torque/Rev./Pressure/Temp.
Power Supply	AC 400V 3-phase

*We would take requests as much as we can.

Operation



Agency

**Space
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