



1. General Technical Requirements

- High-quality hydraulic training system suitable for basic actuation of linear and rotary actuators.
- Brand-new equipment incorporating current design and material standards.
- All components to comply with applicable international hydraulic codes and standards.
- Warranty effective from the date of successful commissioning.
- Documentation to include manufacturing authorization, quality assurance certification, and company registration from the country of origin.

2. System Features – Double-Sided Hydraulic Trainer

The trainer shall be equipped with the following technical components:

- Hose Lines with Quick-Release Couplings:
 - 600 mm
 - 1000 mm
 - 1500 mm
- Hydraulic Power Pack with dual constant-displacement pumps
- Safety Laboratory Cables (minimum 4 mm), 106 pieces (red, blue, black)
- System filled with hydraulic oil (DIN 51524)

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



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

3. Operating Requirements

- Industrial-grade valves, fittings, and actuators
- Quick-coupling pipe connections for rapid assembly/disassembly
- Components rated for pressures up to **300 bar**
- High-strength steel frame with smooth finish
- Integrated pressure relief valve set to safe operating limits
- Main structure designed for easy mobility

3 Hydraulic Power Unit Specifications

- Driven by low-noise positive-displacement pump(s)
- Elevated hydraulic reservoir for improved air circulation and heat dissipation
- Suction strainer and return filter with bypass system
- Filter rating: **≥ 25 microns**
- Magnetic drain plug on hydraulic oil tank

4. Scope of Supply

Item Description	Quantity
Basic Double-Sided Hydraulic Trainer Kits with all accessories	2 Nos.
Operating Manual (English), hard & soft copies	2 Sets
Service & Maintenance Manual (English), hard & soft copies	2 Sets
Spare Parts & Workshop Manual (English), hard & soft copies	2 Sets
Basic Level Hydraulic Trainer Book with Exercises	2 Sets
Electrical & Mechanical Toolboxes with Standard/Special Tools	2 Sets

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



Export Sales: +91-9829132777
 India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
 Sitapura Extension, Jaipur-302022, India.



info@tesca.in
 www.tescaglobal.com