INTIME FIRE APPLIANCES PVT. LTD.
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AN ISO 9001:2015 Certified Company

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TECHNICAL DATA SHEET

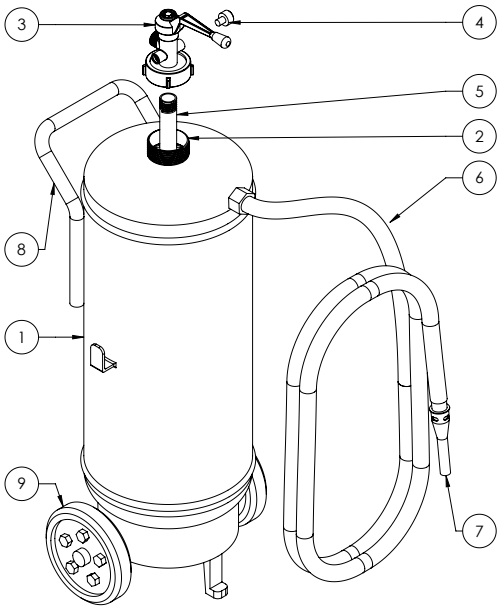
Product Name	**TROLLEY-MOUNTED MECHANICAL FOAM FIRE EXTINGUISHER** (Stored Pressure)				
Model Number	**STP-MF-TM-25**	**STP-MF-TM-45**	**STP-MF-TM-75**	**STP-MF-TM-90**	**STP-MF-TM-150**
Description	25L/45L/90L M-Foam extinguishers, MS Sheet body, brass forged valve, epoxy coated.				



DIMENSIONS					
Diameter (±10)	300 mm		400 mm		600 mm
Height (±10)	770 mm	950 mm	1200 mm	1280 mm	1350 mm
Filler Opening	45 mm				
Sheet Thickness	3 mm				≥3 mm
Full Weight (Approx)	74 Kg	110 Kg	130 Kg	N/A	N/A
ANTI-CORROSIVE TREATMENT					
Treatment	Phosphate treatment & epoxy powder coating (DFT ≥50 Micron)				
MISCELLANEOUS					
Inspection & Testing	As per approved QAP				
Approvals	PED				
Marking	As per IS 16018:2012				
Finish	PO Red (IS:5 (Shade 536/538)				
Refill & Care	As per IS 2190				
Packing	Corrugated paper & suitable jute bags				

GENERAL INFORMATION					
Type	Trolley Mounted, Stored Pressure				
Capacity	25 L	45 L	75 L	90 L	150 L
Fire Rating	20A:233B				
Certification	CE				
MATERIAL OF CONSTRUCTION					
Ext. Medium	DM water +6% AFFF agent (IS:4989 complied)				
Propellant	Nitrogen				
Pressure Gauge	N/A				
Body	Mild Steel Sheet (IS:2062)				
Neck Ring	MS Pipe (IS:1239 (part-1))				
Valve	Brass (IS:319)				
Siphon Tube (Inlet/ Outlet)	MS pipe (IS:3601/IS:1239)				
Discharge Hose	PVC braided hose (Burst pressure ≥55 bar)				
Discharge Hose with Nozzle	Aluminium alloy nozzle (IS:617)/PVC nozzle				
Trolley	Yes				
Trolley Wheel	Solid rubber / HDPE				
Carrying Handle	MS pipe (IS:1239)				
PERFORMANCE DATA					
Eff. Discharge Time	≥30 Sec				
Discharge Range	≥6 m				
% of Discharge	≥85%				
Temperature Range	5° to 55° C				
WP (Max)	15 bar				
Service P. (Max)	18 bar				
ROUTINE TESTS					
Hydro Pressure (Pt)	35 bar (3.5 MPa) for 60 Sec				
Burst Pressure (Pb)	55 bar (5.5 MPa) for 60 Sec				
Type Tests	As per IS 16018:2012				

DESIGN DATA



1. Cylinder
2. Neck Ring
3. Valve
4. Pressure Gauge/Indicator
5. Siphon Tube
6. Discharge Hose
7. Discharge Nozzle
8. Carrying Handle
9. Trolley Wheel

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