



Automatic Free Fall SPT Hammer

Application/Uses	: Used for conducting Standard Penetration Test (SPT) and Dynamic Cone Penetration Test (DCPT) for sub-surface investigations for routine foundation design
Salient Technical Features	: Promises reproducible impact force on the anvil and helps conducting SPT and DCPT as per IS Code. Fall of hammer is very close to true gravity fall as it has registered over 98% efficiency. Flexibility of operation by power or manual.
Environmental Aspects	: No special measures are required
Level/Scale of Development	: Commercial scale
Status of Commercialisation	: One licensee
Major Components/ Raw Materials	: Electric motor, speed reducer, standard structural steel sections, gunmetal rod
Major Plant Equipment and Machinery	: Standard mechanical workshop facilities
Techno-Economics	: Estimated capital investment would be approximately Rs. 5 lakh and the cost of the hammer is about Rs. 5000
Technology Package	: Production drawings, specifications of standard components and materials, operational guidelines and training in use of the hammer



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