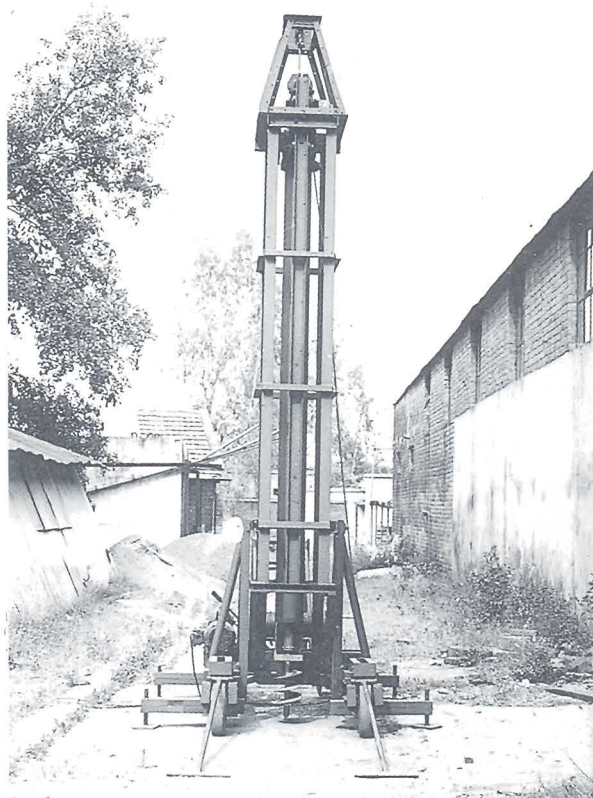




CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE

Boring and Skirting Machine

Application/Uses	: For making vertical and battered bores for casting insitu concrete pile foundation in cohesionless soil
Salient Technical Features	: Capable of boring vertical and inclined holes of diameter 15 to 45 cm to a depth of about 10 m and trenches of width 15 to 45 cm to a depth of about 10 m. Power required is 5 HP. Machine is mounted on a wheel trolley for ease in transportation.
Environmental Aspects	: No special measures are required
Level/Scale of Development	: Commercial scale
Status of Commercialisation	: One licencee
Major Components/	: Standard structural steel sections including channels, angles and rods; ball bearings;
Raw Materials	: Gunmetal rods; electric motors; speed reducer; lifting and pulling device
Major Plant Equipment and Machinery	: Standard mechanical workshop facilities
Techno-Economics	: Cost of the machine is about Rs. 8000
Technology Package	: Production drawings, specifications of standard components, laboratory level training in operation and use of the machine



For further details please contact :

Director

Central Building Research Institute, Roorkee - 247 667 (INDIA)

Phone : +91 1332 72243; Telex : 0597 203 CBRI IN

Fax : +91 1332 72272 & 72543; E. Mail : cbri@srinetd.ernet.in