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Electric Floor Cleaner

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Abstract: *Floor cleaning plays a vital role in maintaining hygiene across homes, offices, and public spaces. Traditional cleaning methods such as mopping and sweeping demand considerable human effort and often fail to achieve effective results. This project introduces a manually operated floor cleaning machine integrated with a motorized rotating brush, dust collection bin, water spraying system, and mop wiping unit. During operation, the rotating brush collects dust and debris into the bin, followed by a controlled water spray that moistens the floor. A mop positioned at the rear then wipes and dries the surface to ensure a clean finish. All mechanisms are operated through a simple on/off control, while the machine is manually pushed using a handle. The developed system achieves efficient cleaning with reduced manual effort and low power consumption. It is cost-effective, eco-friendly, and easy to operate, making it ideal for both domestic and commercial cleaning applications*

Keywords: Floor Cleaning, Manually Operated, Motorized Brush, Water Spray, Dust Collection, Eco-Friendly

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