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(57) Abstract :  
 A stone grinder stand is comprising, a platform 101 mounted on a scissor-lift assembly 102 supports a lower grinding stone 103 and enables automated movement of an upper grinding stone 105, multiple horizontally oriented L-shaped rods 115 with suction units 116 grip and stabilize the lower grinding stone 103, iris rings 104 clamp the upper grinding stone 105, connected via adjustable bars 106 to motorized sliders 107 for lateral motion, the adjustable bars 106 use a motorized ball-and-socket joint 117 for precise angular, rotational, and positional adjustments, a frame 108 on translateral slider 109 holds a camera 110 and sensors, with an expandable flap 118 for repositioning displaced material, a storage chamber 111 with iris lids 119, weight sensors, and a water dispenser 121 manages ingredients, a speaker 112 and microphone 113 enables two-way communication, 360-degree rotating camera 114 with LiDAR monitors the grinding operation.

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