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(57) Abstract :

An automated machining device, comprising a base 1 installed with image capturing unit 2 to detect presence of work piece to be drilled and connected with multiple motorized wheels 3 for positioning of base 1 in proximity to work piece, a touch interactive screen 4 mounted over base 1 allows a user to mark location where drilling is to be performed, a motorized chuck unit 5 attached along with vertical and horizontal placed telescopic rods 6,7 and synchronized with a laser unit 8 which points laser light on marked location for performing drilling, a drill bit 9 vertically attached to chuck 5 and integrated with a pair of rotating blades 10 via slider arrangement 11 to slide blades 10 as per diameter for performing drilling of work piece, a measurement sensor 12 integrated on rods 6, 7 for measuring width, thickness of blades 10 and drill bit 9.

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