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(57) Abstract :
An automated nut manufacturing device, comprising a housing 1 assembled with chamber 2 dedicated towards storage of multiple iron workpieces, a touch enabled screen 3 for enabling a user to input commands regarding diameter of nut to be manufactured, a telescopically operated gripper 4 installed within housing 1 for gripping and positioning one of workpieces on a conveyer 5 is installed within housing 1, the conveyer 5 is used for translating workpiece towards a hydraulic rod 6 suspended from a ceiling portion of housing 1, a primary robotic arm 10 configured within housing 1 for positioning pieces on a platform 11 attached within housing 1, in a consecutive manner, a plurality of discs 12 for molding pieces via slot to obtain hexagonal structures, a drilling unit 15 for drilling out centre portions of structures in for obtaining hexagonal rings and multiple drilling taps 18 for marking threads in rings.

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