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(57) Abstract :

The present invention relates to an automated sprocket manufacturing device comprises of housing 1 positioned on ground surface, a storage chamber 2 stored with metal plates, a display panel 3 accessed by user to enter details, a pair of primary robotic arm 4 for gripping and positioning suitable plate on primary frame 5, a pair of rollers 6 for positioning plate within primary frame 5, multiple holes 7 upon which multiple punching cylinder 8 arranged to exert pressure on plate, multiple suction cups 9 arranged on extendible bar 10 for gripping and placing wheel within receptacle 11, a cutting blade 12 to cut used portion of suitable plate, a pair of secondary robotic arm 13 for gripping wheel, a driller 14 for cutting out hollow portion, a motorized rod 15 configured within secondary frame 16 for accommodating wheel, a motorized cylindrical cutter 17 for cutting and forming teeth on wheel.

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