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(57) Abstract :

An automatic screw conveyer manufacturing device comprising a housing 1 installed with a conveyer 2 placed with a metal sheet, a touch enabled screen 3 mapped on housing 1 enables user to give input commands regarding dimensions of a screw conveyer, a laser cutting unit 4 installed at ceiling portion of housing 1 for cutting metal sheet, a platform 5 mapped with a primary electromagnet assembled in continuation to conveyer 2 for adhering ring, a telescopic gripper 6 installed within housing 1 for placing rings within platform 5, a telescopic pusher 7 equipped with a secondary electromagnet suspended over platform 5 for gripping ring, a robotic arm 9 configured within housing 1 for gripping a rod from a rack 10, a mechanical arm 11 equipped with a welding unit 12 installed within housing 1 for welding rings with each other in continuous manner, thereby manufactures the screw conveyer.

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