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(57) Abstract :

A construction material lifting device for construction works, comprises of a vertical platform 1 having a first and second portion to be utilized by a user for manually securing the platform 1 on a vertical support pre-installed over a ground surface, a touch enabled screen 2 mapped on the platform 1 for entering command regarding a height at which construction has to be performed, a camera 3 mounted on the platform 1 for capturing multiple images of surrounding in proximity to the platform 1 , extendable clamps 4 ranging from 4 to 6 in numbers configured at the first portion to extend for gripping the support, a pair of electromagnets 5 fabricated at tip of each of the clamps 4 to magnetize for locking the clamps 4, and a motorized gear 7 crafted with a horizontal platform 8 via a pair of links 9 for lifting the horizontal platform 8.

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