

Hydro-Mobile Hydraulic Modular Scaffolding

The Hydro-Mobile Scaffold, a new type of scaffolding system for use in the masonry and construction fields, has been developed by Avant-Garde Engineering 1994, Inc. Engineered to safely handle loads up to 15,000 lbs. To eliminate manual handling of steel sections and plank used on conventional work platforms, the Hydro-Mobile Scaffold's main platform and accessories are designed for lift-truck or crane installation, which reduces manpower and assembly time. The simplicity of the system's design reduces the number of components required as compared to other scaffolding systems. Scaffolding units are factory assembled, and the modular bridge sections are pinned together in the field to form lengths from 12 foot up to 60 foot. These bridges can be used to join two or more main platforms at almost any angle. Also, extensions or cantilever bridges allow main platforms to be increased in length up to 64 feet. Safety is ensured by the use of sturdy, no-slip grid floors on platforms, footbridges and extensions. A simple and reliable hydraulic system, powered by a 6.5 HP engine, raises and lowers the platform on demand. This eliminates the need for cable, winch, pulleys and gears which often get jammed or damaged in some conventional systems. A 4000 lbs. hoist system is available to lift materials onto the platform, and a complete weather protection system is also available. The system adapts easily to a wide variety of other work-site applications, both inside and outside. The system is versatile and can match any building or structure configuration.

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