

Title (en)
Mobile crane structure.

Title (de)
Fahrbare Kranstruktur.

Title (fr)
Structure de grue mobile.

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Application
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Abstract (en)
The invention relates to a crane of the type which is transportable to the job site, is adaptable for making very heavy lifts and may be operated as a mobile or stationary crane. The crane includes the crane body, the rearward end of which is arranged to be transported on the highway on a trailer which can subsequently be used as an auxiliary counterweight. The front end of the crane body is adapted for connection to and support on a conventional truck tractor. The overall dimensions of the crane body are such that it may be transported on the highway from job location to job location and there assembled and subsequently disassembled. The crane body has an outrigger support body rotatably positioned therebelow which is adapted for the attachment of outriggers. In operation the outriggers can be used to raise and lower the crane body to remove the trailer and the truck from the crane body, such that the crane may be supported on the outriggers. The crane may have an extendable bridge attached to the trailer, with the trailer having its longitudinal axis transverse to the crane body to swing therewith. In certain embodiments the outriggers may be supported on contra rotatable crawlers to thus provide a fully mobile crane. Another crawler means may be added to support the forward end of the crane body, thereby providing a swinging outrigger for assisting in the rotation of the crane body. The crane of this invention is also adapted for use as a guy derrick or a tower crane, and in other configurations, as described hereinafter.

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