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CRANE

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Application  
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Abstract (en)  
[origin: CN109592581A] The invention relates to a crane which comprises a frame. The frame is provided with a rotatable base. A telescopic and pivotable cantilever is received on the base. The cantilever is provided with a plurality of movable pushing-out parts. The pushing-out part can move out and move in by means of a hydraulic driving device. The cantilever is provided with a stroke measuring device which measures moving-out length and is connected with a control device. At each length, all pushing-out parts can move a part which is configured corresponding to a highest moving-out length, thereby realizing high stability and high bearing capability. Each pushing-out part is provided with a hydraulic cylinder configuration structure which can be controlled irrelevantly with other hydraulic cylinder configuration structure. Furthermore a moving-out program is stored in the control device so that all pushing-out parts can be singly moved out successively. The moving-out program comprises servo control. According to the servo control, extension of the cantilever starts from moving-out of a downmost moving-out part and successively continues upwards.

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