

ABSTRACT

HEAVE COMPENSATED CRANE

A heave compensated crane is described, comprising a lower vertical beam (10) and an upper horizontal beam (12) which are mutually connected via an articulated piece (20), as the vertical beam is connected at the bottom to a base (14) which in turn comprises a slew ring for rotation of the crane about a vertical axis, and a strut (22) is arranged between the base (14) and the articulated piece (20) at a distance from the vertical beam (10) and largely in parallel with this in a normal position for the crane, and that the vertical beam (10) is driven by, at least, one cylinder (18) and the upper crane beam (12) in its movement in relation to the lower beam (10) is driven by an intermediate cylinder arrangement (16), where the cylinder arrangement (16) comprises, at least, one single working cylinder (30) and, at least, one double working cylinder (32).

Figure 1