

Hook blocks with special features Calibratable weighing equipment

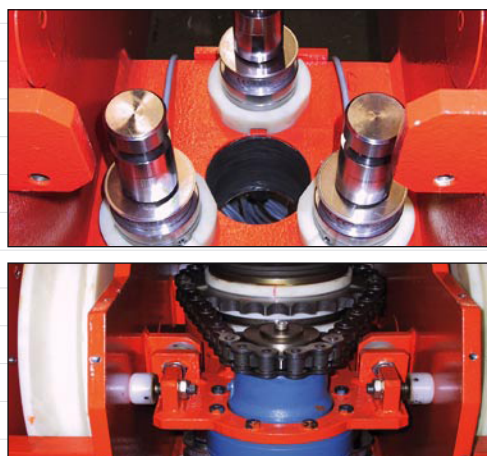


This hook block is designed for use on a semi-automatic crane. During the weighing process, the loaded hook block hangs freely so that the measurement result is not interfered with as long as it does not hang more than 2° away from a perpendicular position. If this is the case mechanical contacts would occur during the suspension of the load cell which would make it impossible to take an accurate reading of the weight.

After weighing, the hook block is raised into the appropriate cradles on the trolley frame using the pins that protrude laterally. As a result load oscillation is avoided as far as possible during the crane's next operation.

All components are electrically insulated against high voltages and leakage current

since the load comes into contact with live materials. The hook and the pulleys are manufactured from non-magnetic material or an appropriate synthetic material. Despite being extremely compact, the drive and weighing components are very accessible when the cover plate is removed.



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