Goliath & Semi-Goliath Cranes
Design • Manufacture • Install
Our goliath cranes are available in different capacities in excess of 100 Te. Goliath cranes are designed to run on forged wheels running on rails either at ground or a predetermined level. The goliath cranes are suitable for control from floor level, by means of a pendant controller suspended from the crane bridge or by radio control.
J. Barnsley goliath & semi-goliath cranes are explosion protected for use in zone 1 or zone 2 hazardous areas worldwide.

Standard goliath & semi-goliath crane features include motors and electrical systems in ignition protection mode, “flameproof” enclosures: Ex de IIB/IIC T4 & Ex ndeA IIB/C T3, hooks and “ferrous to ferrous” items in non-sparking materials.

- Visual and audio warning on crane operation
- Technically mature special-purpose cranes and hoists providing customised solutions
- Professional Support for all documentation requirements
- Certification in line with ATEX, IECEx, GOST, CSA

The advantage of a goliath crane is that it can be more easily dismantled and used on another site. It is quite common for our goliath cranes to be fitted with two crab units to allow for tandem lifts. The advantage of a goliath crane over an overhead gantry crane is that it is more cost effective as it requires less expensive gantry steel work.
SEMIGOLIATH
Crane Specifications:

- S.W.L: 25Te
- Span: 10.830m
- Lifting height: 17m
- Cranes designed to Norsok R-CR-002
- Area Classification: Zone 1 Gas Group IIB, Temperature T3
- Supply Voltage: 690v 3ph 50Hz
- Radio controlled with Back-Up Pendant

Features:

- IP66 Enclosure Protection
- Overload protection
- Thermistor Protection to Motors
- Non-sparking Bronze Wheels & Load Hook
- Non-sparking Anti-Derailment device for Crab and Crane
- Stainless Steel Festoon Systems
- Norsok 501 System 1 Paint specification

www.jbarnsleycranes.com
Semi-goliath cranes excel when used with a building or vessel which can only support a crane at high level on one side.
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