



Jib Crane for Hazardous Environment

Features and Benefits

INDUSTRY:	Oil, Gas & Mining
APPLICATION:	Explosion Proof & Hazardous Environments
PRODUCT:	2M Ton Pedestal/Base Mounted Single Girder Crane
SERVICES:	Design, Manufacture, Installation, Quality & Load Testing

The solution involved providing the customer with a jib crane to withstand the harsh environment of oil and gas activities.

Industry Group: Crane Manufacturers Association of American (CMAA)



2M Ton Pedestal/Base Mounted Single Girder Jib Crane

THE CHALLENGE

To provide the customer with a free standing crane to be used in the explosion-proof/spark-resistant environment of the oil and gas industry while maintaining the highest quality and safety.

THE SOLUTION

Manufacture a crane with spark-resistant components to tolerate the demands of oil and gas activities.

THE RESULT

American Crane designed, manufactured, tested and installed a 2 metric ton pedestal base mounted single girder jib crane specifically designed with slewing bearing for the oil and gas industry. The crane was designed to meet Class I, Division 2, Group D hazardous location requirements. Special features included a manually operated hand chain hoist and trolley, a slewing bearing with an integral gear to provide slewing motion, spark resistant components such as bronze wheels, a bronze hook, stainless steel load chain, stainless steel slewing pinion and stainless steel weather-guard for hoist when not in use.



American Crane & Equipment Corporation
531 Old Swede Road, Douglassville, PA 19518
877-877-6778
info@americancrane.com
AmericanCrane.com