



OVERHEAD CRANES

Protea is a leading supplier of offshore handling systems and has been supplying BOP Cranes for offshore drilling rigs since the company was established in 2008.

Blowout preventer (BOP) units for new generation drilling rigs are highly complex mechanical devices, and can be supplied in a range of sizes and capacities to meet specific client requirements.

THE FOLLOWING DESIGN TYPES ARE AVAILABLE:

- Overhead Gantry or Semi Gantry
- Overhead Bridge
- Underslung Dual Separate Girder

EACH CAN BE DELIVERED WITH A RANGE OF LIFTING AND CONTROL OPTIONS INCLUDING:

- Hydraulic or electric winches
- Stationary or mobile trolley
- Chain hoists or a wire rope lifting system

- Hook blocks or telescopic arm
- 2 or 4 girders

The chain hoist lifting system was recently introduced by Protea and is a first of kind innovation that reduces the overall weight and dimensions of the lifting system. This increases the lift height of the crane in comparison to a wire rope equivalent as it is possible to move the hook block closer to the crane cross beam.

All BOP handling cranes are designed to meet the relevant international standards and can be provided with 3rd party certification by ABS or DNV.

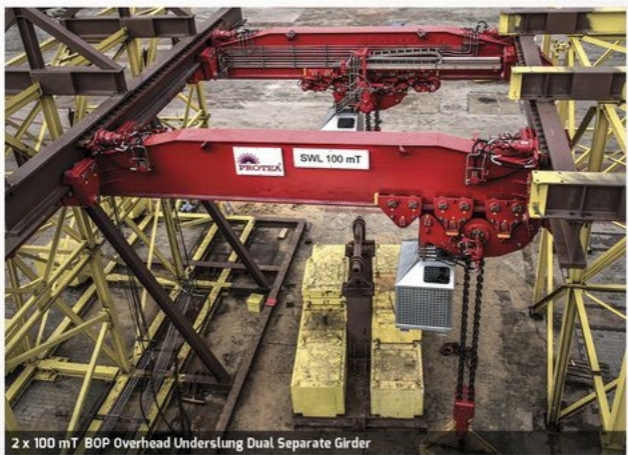
Protea BOP handling cranes have a proven track record and are in service globally with operators such as Statoil, Transocean, Seadrill, CNOOC and EnSCO.



2 x 17,5 mT BOP Overhead Bridge Service Crane



110 mT X-mass Tree Overhead Bridge Crane



2 x 100 mT BOP Overhead Underslung Dual Separate Girder



4 x 10 mT BOP Overhead Cranes System



2 x 150 mT BOP Overhead Gantry Crane

ADDITIONAL OPTIONS

Protea supplies additional equipment as part of BOP Crane packages, which include overhead service cranes, BOP skidding systems and stationary control systems.

Protea can also apply its expertise to the upgrade of existing BOP cranes on a turnkey basis - from an initial survey, to the design, manufacture, installation and commissioning of an upgraded unit, this option can significantly increase the functionality and service life of existing assets.



Control System



BOP Skid

