

By rail or water: the flexible range of cranes from Fige

Fige Crane Services B.V., Zaandam, The Netherlands

Over the years, Fige Crane Services B.V. has built up extended experience and has earned a good reputation as a qualified supplier of harbour cranes. The company specialises in rail-mounted and floating cranes, and is one of the best-known manufacturers of this equipment worldwide. The company's portfolio of new-build cranes consists of:

- Floating cranes, including the unique Fige 'Lemniscate' floating crane
- Single- and double-boom cranes for bulk-handling and general cargo
- Gantry grab cranes, ship-to-shore container gantry cranes and rail-mounted gantry cranes

Lemniscate

Fige Crane Services' range of Lemniscate floating grab cranes is one example of the company's expertise in the design and manufacture of advanced floating grab cranes. Both robust and reliable, Fige Lemniscate cranes mounted on pontoons provide fast independent operations, achieving transshipment capacities of up to 25,000 tons per day. Loading and unloading can be performed on-stream as well as at sea, offering flexibility, reliability and progressive performance. The cranes can handle both ship-to-ship and ship-to-shore operations swiftly and efficiently.

Single-boom crane

Port throughput is as varied as the worlds' trades and cultures, but wherever cargo is being handled, speed, efficiency and reliability are essential. Multi-purpose terminals will benefit most from a multi-purpose single-boom-type crane, but the cranes are effective even if used for just hook, spreader or grab duty. Capacities range from 10 to 100 tons, with outreaches from 20 to 50 meters and more. Rail span and wheel configuration can also be adapted to existing quay facilities.

Double-boom crane

Fige double-boom cranes are excellent for use in grab operations. Grab-handling capacities range from 15 to 50 tons, at outreaches from 25 to 55 meters and more. The double-boom configuration reduces the pendulum length, resulting in optimum control of the load. The double-boom crane also allows for an excellent position of the driver's cabin and integrated hopper. The result is a high unloading capacity, which makes this type of crane excellent for grab duties. Fige Cranes come available with all of today's modern technology, such as anti-sway; semi automatic steering, full AC frequency control, advanced driver cabin and so on, giving the investor a good ROI.



Two Fige Lemniscate cranes mounted on harbour pontoons. Transshipment capacities of up to 25,000 tons per day are achievable.



Two double-boom cranes: The double-boom provides a high unloading capacity and optimum control of the load.

Gantry grab crane

Each transshipment situation places its own demands on man and material, so each Figee gantry grab crane is tuned to the specific requirements of the end-user. A complete rail-mounted transshipment system for iron ore, including a ship-unloader and gantry crane with two independent trolleys, is one of the possibilities. Alternatively, a 360-degree slewing gantry crane, capable of unloading on both sides of the jetty, is another possibility that will help ensure efficiency, short cycle times, high transshipment capacity, safety, ergonomics and durability.

Refurbishment/inspection

Figee Crane Services can provide various refurbishment programmes:

- Lifetime extension (of the complete crane)
- Replacement of components to ensure availability

- Reduction of maintenance costs and requirements
- Upgrade in capacity
- Compliance with current legislation
- Increase in reliability
- Modifications to allow for man-riding
- Ergonomics
- Yearly inspection, including certification

Refurbishment schemes will be specifically developed for each individual crane.

ABOUT THE COMPANY

Figee Crane Services B.V. is a member of the Kenz Figee Group. Today, the Kenz Figee Group, is a crane-building quality centre, serving the global market. The four individual professional subsidiaries, all with their own characteristics, are specialists in the crane industry with activities worldwide: Figee Crane Services B.V.; Kenz Cranes B.V., Kenz Offshore Services B.V. and Dutch Crane Engineering B.V.

ENQUIRIES

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