



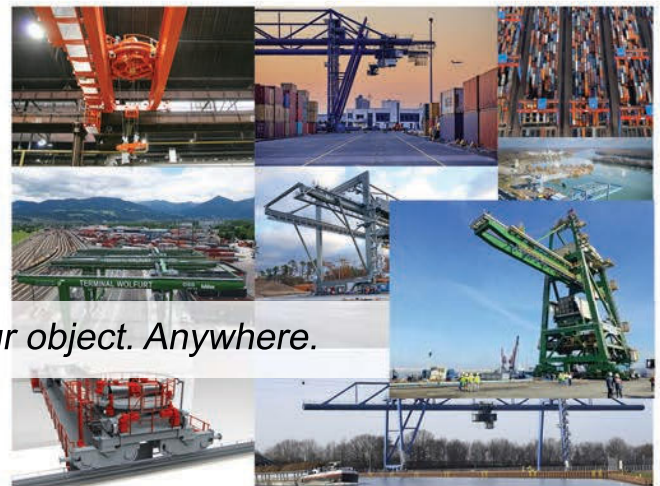
ABOUT US

NOKRAN ENGINEERING d.o.o. *We are a mechanical design and engineering company specializing in crane design-construction. We design all types of cranes for handling general cargo as well as cranes for ports, shipyards and various indoor and outdoor warehouses and halls. Our experts have been successfully working in crane construction over 30 years and have extensive references. As the lead designer of various cranes, we have made a name ourselves both abroad and at home. Our most important markets are Europe, Asia and the United States. We are also partners of various major European companies from the field of crane construction as regards the optimisation in the field of intermodal cranes (transteiners) for more than 20 years, FLSmidth, in designing grab ship unloaders and Metalna SRM, in designing overhead and gantry cranes. We also need to mention a specific field of crane construction, i.e. cranes in nuclear power plants, where the strictest safety measures and highest technical requirements apply and where we are active as designers as well as supervisors of other engineering offices (cooperation with Siemens and Areva).*

*Kozinova ulica 13, 2000 Maribor
Slovenia, EU*



From our project, to your object. Anywhere.



PARTNERS AND CLIENTS

Container cranes



RMQC - Container cranes, Gioia Tauro, Italy
60 t x (50 + 20 + 16) m



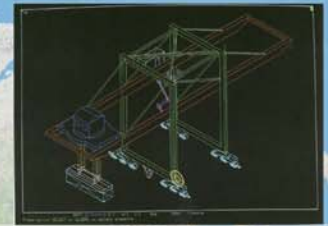
RMQC - Container cranes, Montreal, Canada
40,7 t x (35 + 30,48 + 5,2) m



RMQC - Container crane,
Penn Terminals, Philadelphia, USA
40,7 t x (41,8 + 18,288 + 18,3) m



RMQC - Container crane,
Bangkok, Thailand
32,5 t x (26 + 15 + 10) m



RMG - Container crane,
Port of Osetrovo, Port of Jakutsk, Russia
30,5 t x (19 + 16,5 + 17,5) m





RMG - Container crane for
railway terminal,
Malaszewicze, Poland
40,5 t x 25 m



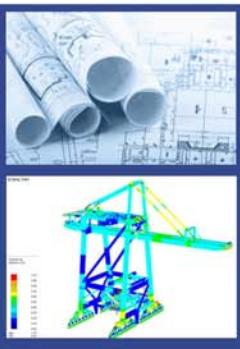
RMG - Container crane for
small river ports,
KREMS, Austria
40 t x (20 + 26 + 22) m



Custom spreaders







OUR MAIN SERVICES:

We prepare following documents for projects:

COMPLETE TECHNICAL DOCUMENTATION or BASIC ENGINEERING SUPPORT:

- drawings,
- checklists, instructions for erection or sea transport, maintenance, safety documents, etc.

ANALYSES AND CALCULATIONS:

- mechanical calculations for mechanisms, kinematics, multi-body dynamics, gearbox calculations and optimisation
- cycle time calculations for ship unloaders
- static analysis according to standards (stress-, deflection-, plate-buckling-, eigenfrequency-, modal-, earthquake-analysis, etc.)
- static analysis with FEM (Finite Elements Method)
- static analysis include variety of check in the field of: accelerations, decelerations, inertia forces, wind calculation, storm-tie-downs, bolt calculation, fatigue, stability, buffer impact, wheel-loads, etc.

Ship-Loaders

Transport robots

Gearboxes

Ship unloader with Grab



Find more on website: www.nokran.si

PARTNERS AND CLIENTS

