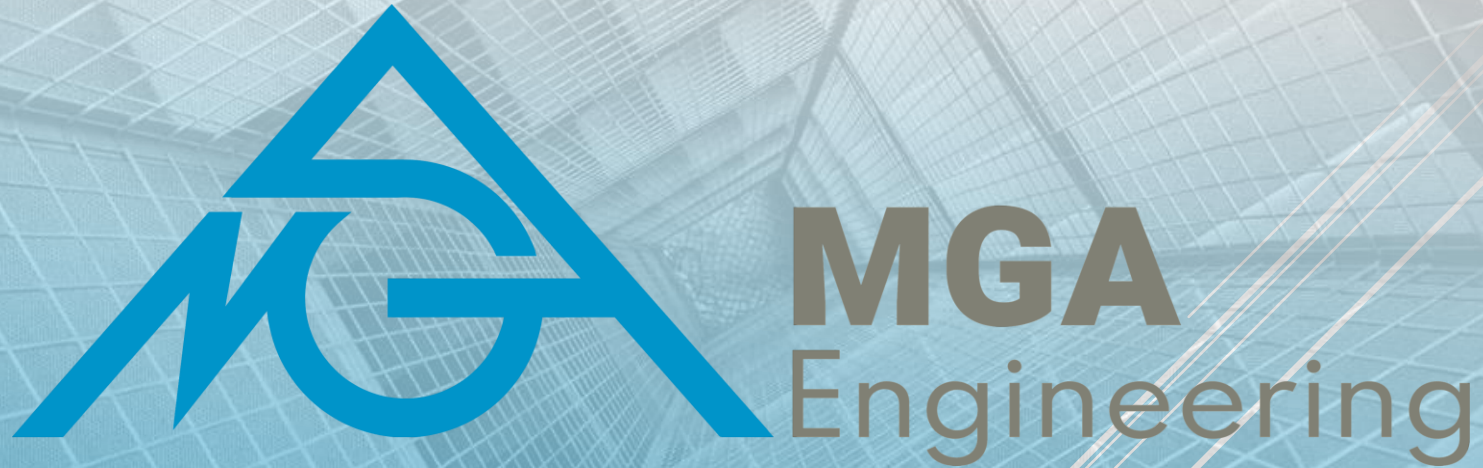


OILSANDS PORTFOLIO PRESENTATION



MGA Engineering Inc.

Suite 2800 - 818 15th Avenue SW
Calgary, Alberta, Canada T2R 0H8
<https://www.mgaeng.com/>

Contact:

Steven J. Keays, M.A.Sc., P.Eng.
Vice-President
steven.keays@ mga-ind.com
Cell: 1-587-433-1504
Direct: 1-587-393-6690

ABOUT MGA

MGA Engineering Inc. is a master designer of structural and mechanical systems, utilized across the globe in the marine, mining, energy, infrastructure, and building sectors. Founded in 1996, the firm is headquartered in Calgary, Canada, and operates regional offices in Canada, USA, and Egypt. Throughout the decades, MGA has lent its expertise to owners, operators and fabricators of large-scale bulk materials handling equipment such as conveyors, ship loaders, stackers/reclaimers, crushers, storage tanks, vessels and transfer stations.



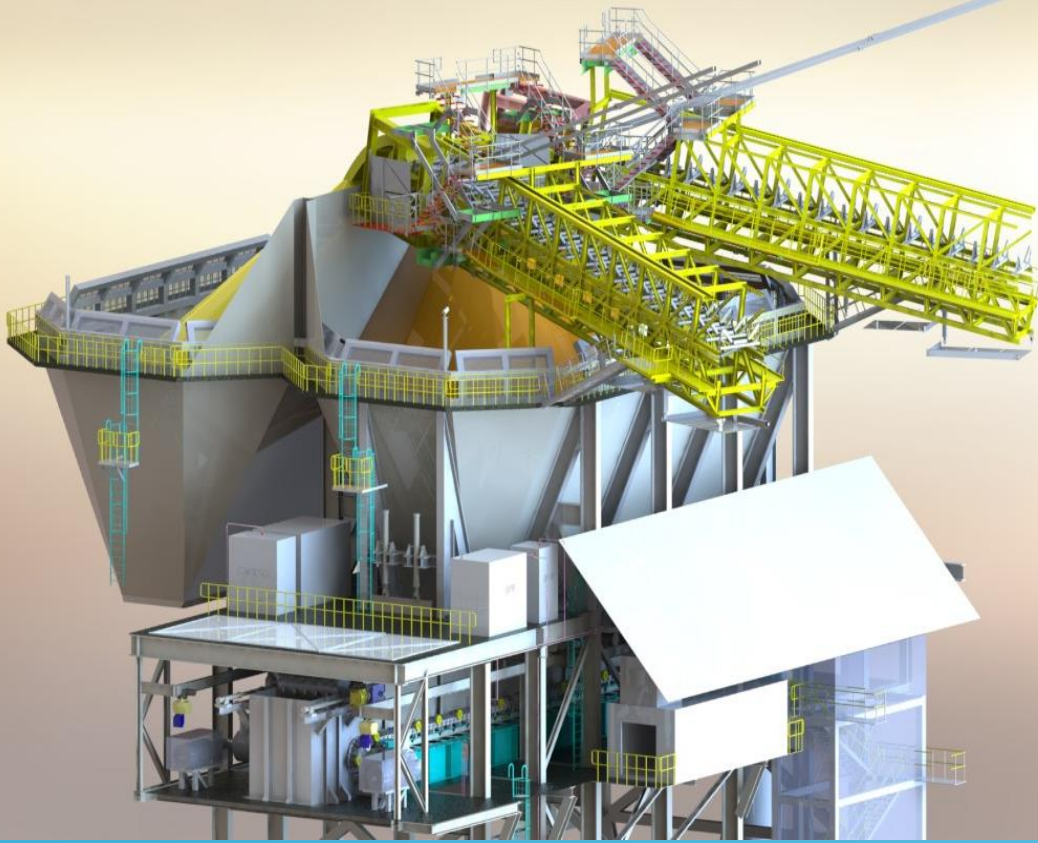
CLIENT SNAPSHOT

Date	Client	Equipment	Date	Client	Equipment	Date	Client	Equipment
2018	Imperial Oil Resources Limited	Crushing plant and surge bin feed conveyor system	2007	Encana	Packaged modules	2007	Syncrude	Crushing plant
2016	CNRL	Crushing plant	2007	Others	Packaged modules	2006	Shell Canada	Pump box
2011	Syncrude	Truck loading bin	2008	Petro Canada	Conveyor system	2006	TransAlta	Flue gas ducting
2011	CNRL	Primary separation cell	2008	Confidential	Packaged modules	2006	Suncor	Slurry preparation plant
2009	Imperial Oil	Crushing plant hopper	2008	Confidential	Packaged modules	2006	CNRL	Foundation
2009	Imperial Oil	Process & utility piping	2008	Confidential	Packaged modules	2006	CNRL	Sulphur pouring towers
2009	CNRL	Process piping	2008	Confidential	Packaged modules	2006	Suncor	Foundation
2009	Suncor	Ore processing system	2008	Confidential	Packaged modules	2005	CNRL	Ore preparation plant
2009	Imperial Oil	Flotation tails and Froth pump boxes	2008	Confidential	Packaged modules	2005	Suncor Energy	Conveyor system
2007	CNRL	Buildings	2007-2008	SUNCOR	Structures	2003	Syncrude	Crushing plant and surge bin feed conveyor system
2007	Imperial oil	Buildings	2007-2008	CNRL	Primary separation cell	1998	Shell Canada	Rotary breaker
2007	Suncor	Buildings	2008-2009	Syncrude	Slurry preparation plant	1996	Syncrude	Crushing plant
2007	Suncor	Packaged modules	2008	Suncor	Crushing plant	1996	Syncrude	Double roll crusher
2007	Shell	Packaged modules	2008	Syncrude	Apron feeder			

OILSANDS HISTORY

PRIMARY CRUSHING SYSTEMS

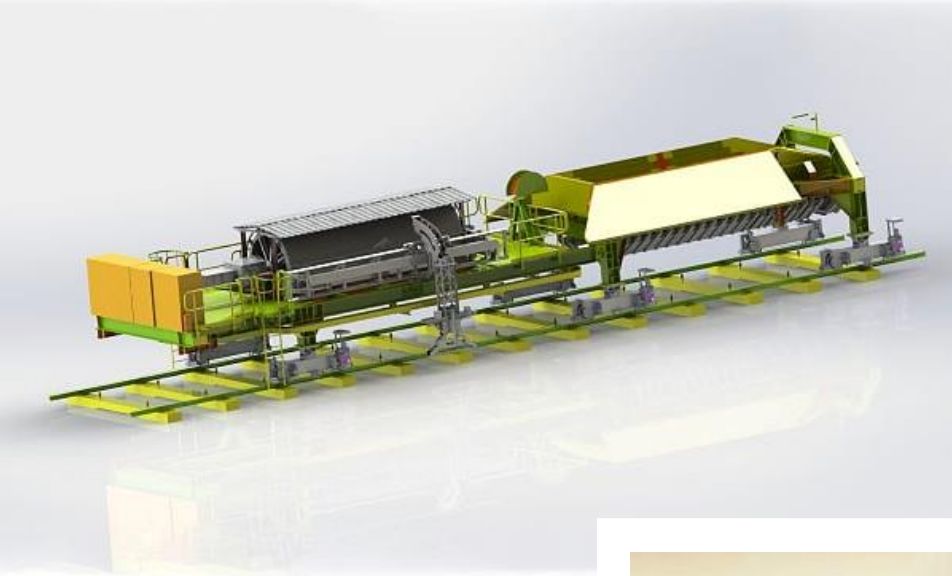




SURGE FACILITIES



SLURRY PREPARATION PLANTS



CONVEYORS

PRIMARY SEPARATION CELLS



Commercial buildings

- Shopping centers
- Large entertainment complexes
- Design & architectural modifications
- Building & construction technologies
- Code compliance verification
- Requirements and specifications
- Independent audits
- Special designs

Oil and Gas

- Piping systems
- Tanks, tank farms and pressure vessels
- Portable tanks and pressure vessels
- Process equipment and plant modularization
- Methods of modular fabrication and construction
- Blast-resistant structures

Infrastructure

- Port facilities
- Airport facilities
- Industrial equipment foundations
- Building foundations
- Civil engineering works
- Steel structures
- Transport studies and analyses
- Code reviews and development

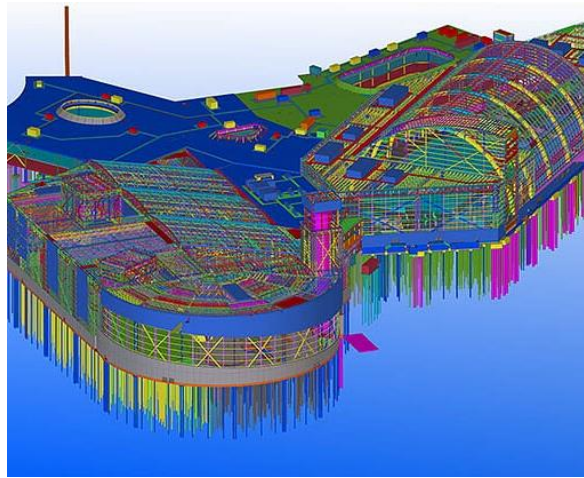
Bulk material handling (Mines)

- Copper and gold concentrates
- Coal and petroleum coke
- Sulphur
- Potash
- Grain
- Gravel and crushed stone
- Iron ore
- Overburden

Materials handling (land & marine)

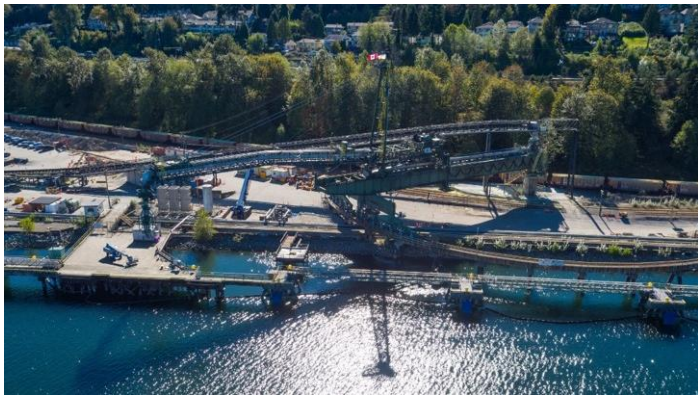
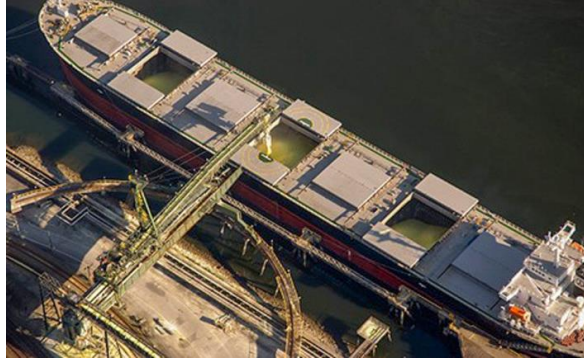
- Transfer facilities
- Conveyor systems
- Surge bins
- Chutes and hoppers
- Tanks and storage
- Materials stackers
- Stacker-reclaimers
- Ship loaders
- Rail and truck

OTHER MARKETS



COMMERCIAL DEVELOPMENT

TERMINALS

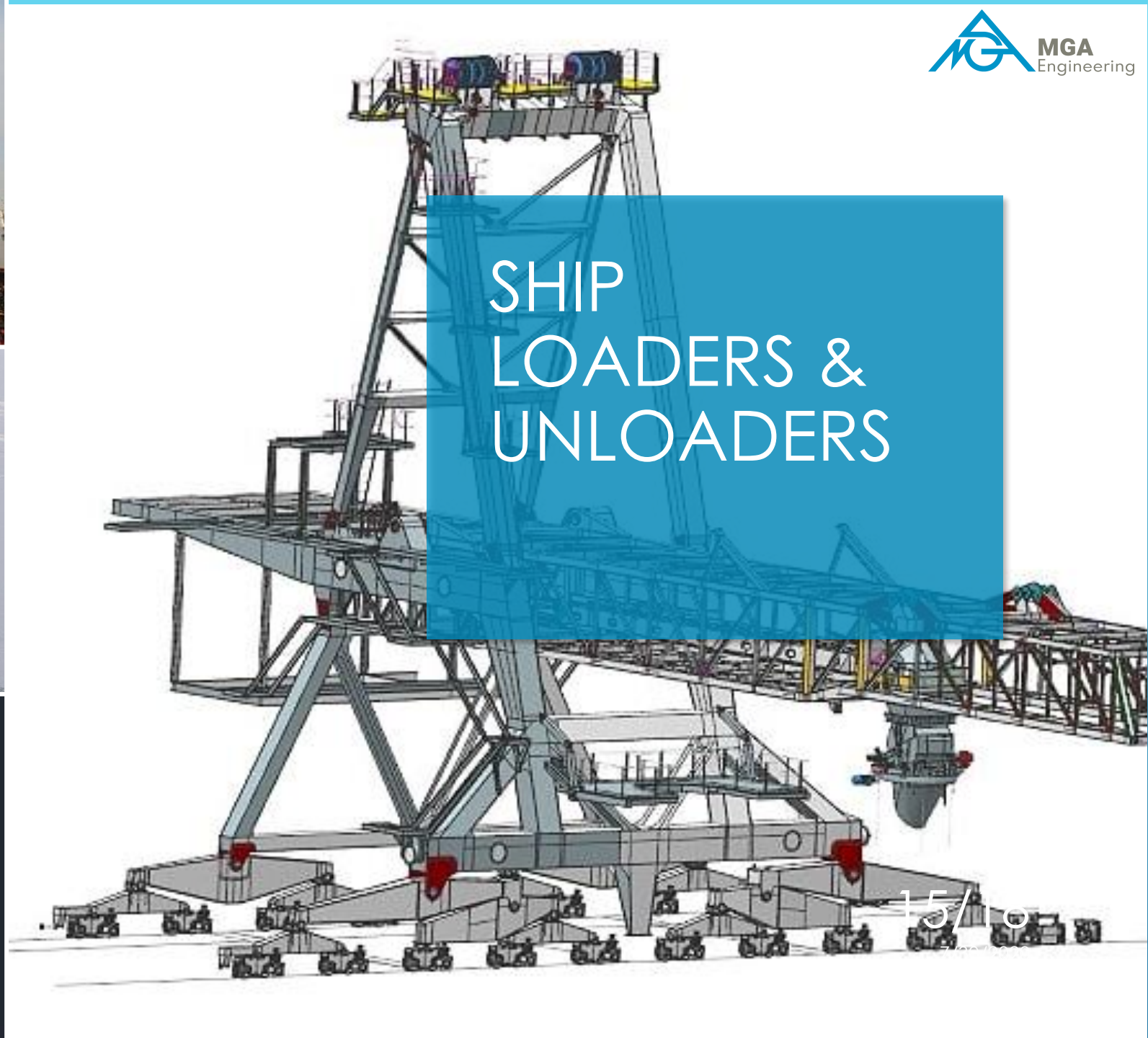
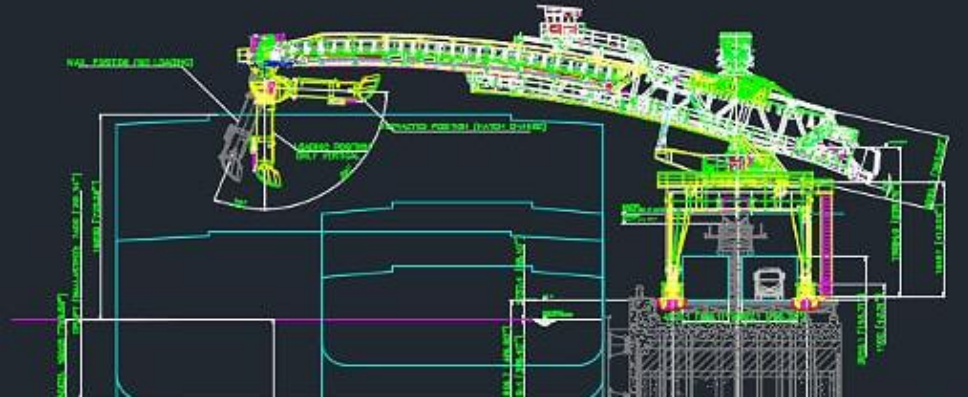


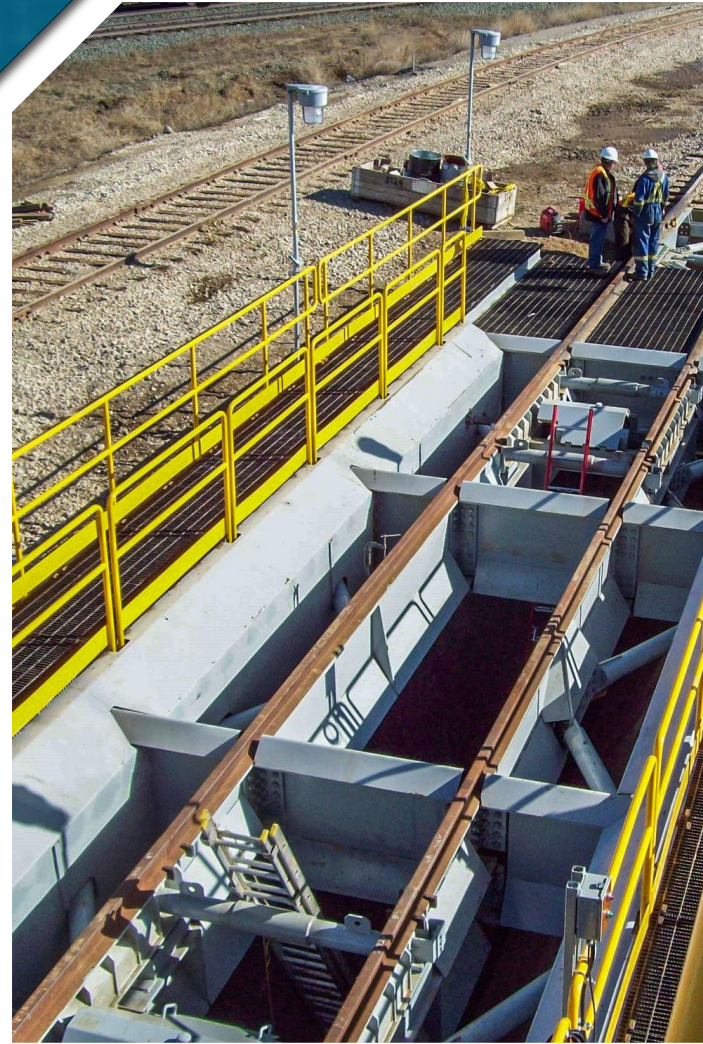


BULK MATERIAL HANDLING



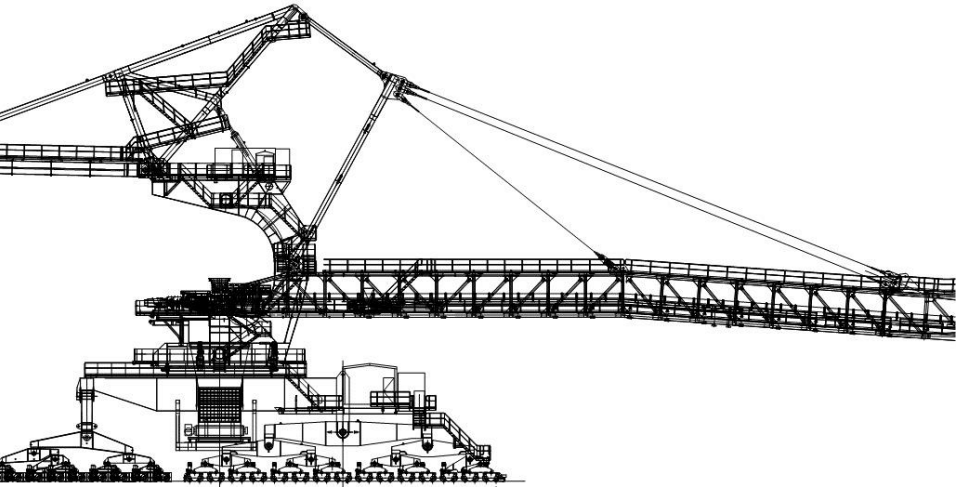
SHIPLoader IN HIGH WATER LEVEL POSITION:
(BOOM AT +16° - MEASURED FROM THE COUNTERWEIGHT)



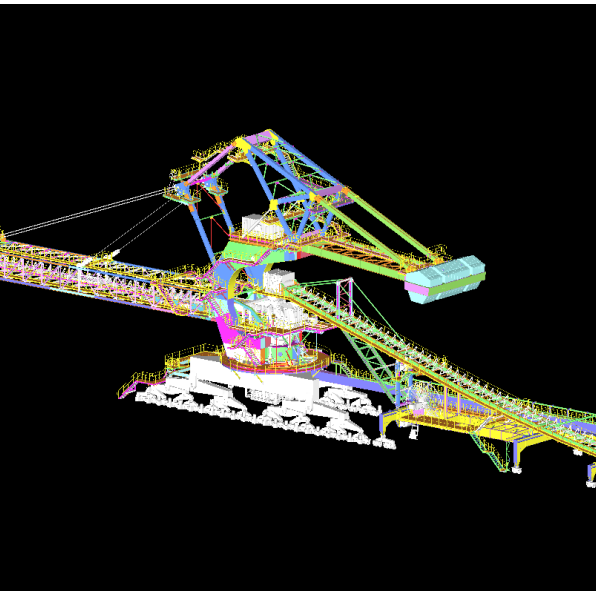


RAIL FACILITIES

STACKERS AND RECLAIMERS



43800
RAIL CONTACT
GENERAL ARRANGEMENT
MAIN MACHINE
ELEVATION VIEW LOOKING NORTH





SPECIAL STRUCTURES AND EQUIPMENT

Head Office

Suite 2800, 818 – 15th Avenue SW
Calgary, AB T2R 0H8
Canada

Cairo Office

MGA Technology
28 Samir Mokhtar St., 9th & 10th Floor Ard El Golf
Heliopolis, Cairo, Egypt

Quebec City Office

MGA Engineering Inc.
2828 Boulevard Laurier,
Suite 734, Tour 1 Norton-Rose
Québec City, QC, G1V 0B9
Canada

Florida Office

MGA USA ENGINEERS LLC
7901 4th St N, STE 300
St. Petersburg, Florida 33702
USA

Contact

Steven J. Keays, M.A.Sc., P.Eng.
Vice President
Steven.keays@mga-ind.com
D: +1 587-393-6690
C: +1 587-433-1504