

Yoneyama Kogyo Co., Ltd.



Providing improved efficiency and labor saving in offshore wind power generation projects' O&M operations with design and manufacturing technologies for high-safety lifts and elevators

Category Wind Turbine Manufacturing > Lifting Equipment



Manufacturing industrial elevators reaching 60 m above ground and 100 m underground

Yoneyama Kogyo is committed to developing business involving lifts and rack scaffolds for transporting people and goods. The company manufactures "Monoracks" that run through orchards as well as luggage elevators and industrial elevators used in diverse fields at sites including ports, ships, aircraft, and construction sites. The company is committed to solving clients' problems and proposing optimal specifications utilizing its integrated in-house system from design to manufacturing and installation, as well as its full range of custom production capabilities. The company demonstrates a highly valued presence in niche fields.

In addition to offering cargo lifts with support from 50 kg to 3 t, Yoneyama Kogyo offers a

choice of drive type options as well – rack and pinion meshing type and roller chain type systems – providing flexible support for different applications' demands. With Tokyo-headquartered Watabe Sangyo Co., Ltd. (Related company) in charge of sales, marketing, and maintenance, a nationwide network has been developed, realizing the delivery of over 18,000 lifts to date, earning favorable assessments both in Japan and overseas. Also, Yoneyama Kogyo boasts the top share of the Japanese market for elevators for port container cranes and has a track record that includes supplying Mitsui Engineering & Shipbuilding, JFE Engineering, and Sumitomo Heavy Industries.

- Actual production size (above ground): Heights up to 60 m • Actual production size (underground): Depths down to 100 m • Max. no. of passengers: 3, (load capacity 250 kg)
- Rate of ascent: 30 m/min • Materials used: Stainless steel for cages, galvanized iron for masts • Production capacity: Approx. 3 months per unit for 50-m elevators

Adoption Record

Elevators for container cranes with 60-m heights



Exposure to typhoons and weather conditions including heavy rain and wind means higher safety requirements for elevators installed at ports' crane facilities. Container crane elevators employing rack and pinion systems and lightweight rack rails provide robust durability. Yoneyama Kogyo has experience constructing elevators at 60-m aboveground heights.

Mograck elevators used in subway and sewer construction



Mograck elevators for construction work feature compact, space-saving designs offering the advantage of enabling installation in very narrow sites. With experience supplying elevators reaching depths of 100 m underground, Mograck elevators have been used for sewage system construction in mountainous sites, subway construction, and more. The system helps to ensure site safety and improve work efficiency. It can significantly reduce workers' workloads as well.

Main Equipment and Machinery

- Machining Centers: 3 units ● CNC Lathes: 3 units ● NC Rack Hobbing Machines: 3 units
- Plating Equipment (Custom-designed and manufactured): Length 6m, liquid capacity 8,400 liters, 2 tanks, production capacity 6t per day
- Automatic Rolling Line (for Monorack and Tree Rack racks): 2 units
- Automatic Pipe Manufacturing Line: T-bar 3.2t, production capacity 40t per day

Company Information

Business: Manufacture and sale of Monoracks, Rack Lifters, Mograck, Rack Scaffolding, and container crane elevators

Location: 1279-1 Shioya Nishi, Kitagawara, Masaki, Iyo-gun, Ehime 791-3131

Established: July 1961 Capital: 10 million yen Employees: 48

Representative: President Tetsuta Yoneyama Tel: 089-984-6600

Offices: Sendai, Tokyo, Nagoya, Osaka, Fukuoka

Metropolitan Area Contact: Watabe Sangyo Co., Ltd. (Related company) Managing Director Takayuki Kawano Tel: 03-3626-5851

E-mail: honsya@yonekou.jp URL: <https://www.yonekou.jp/>