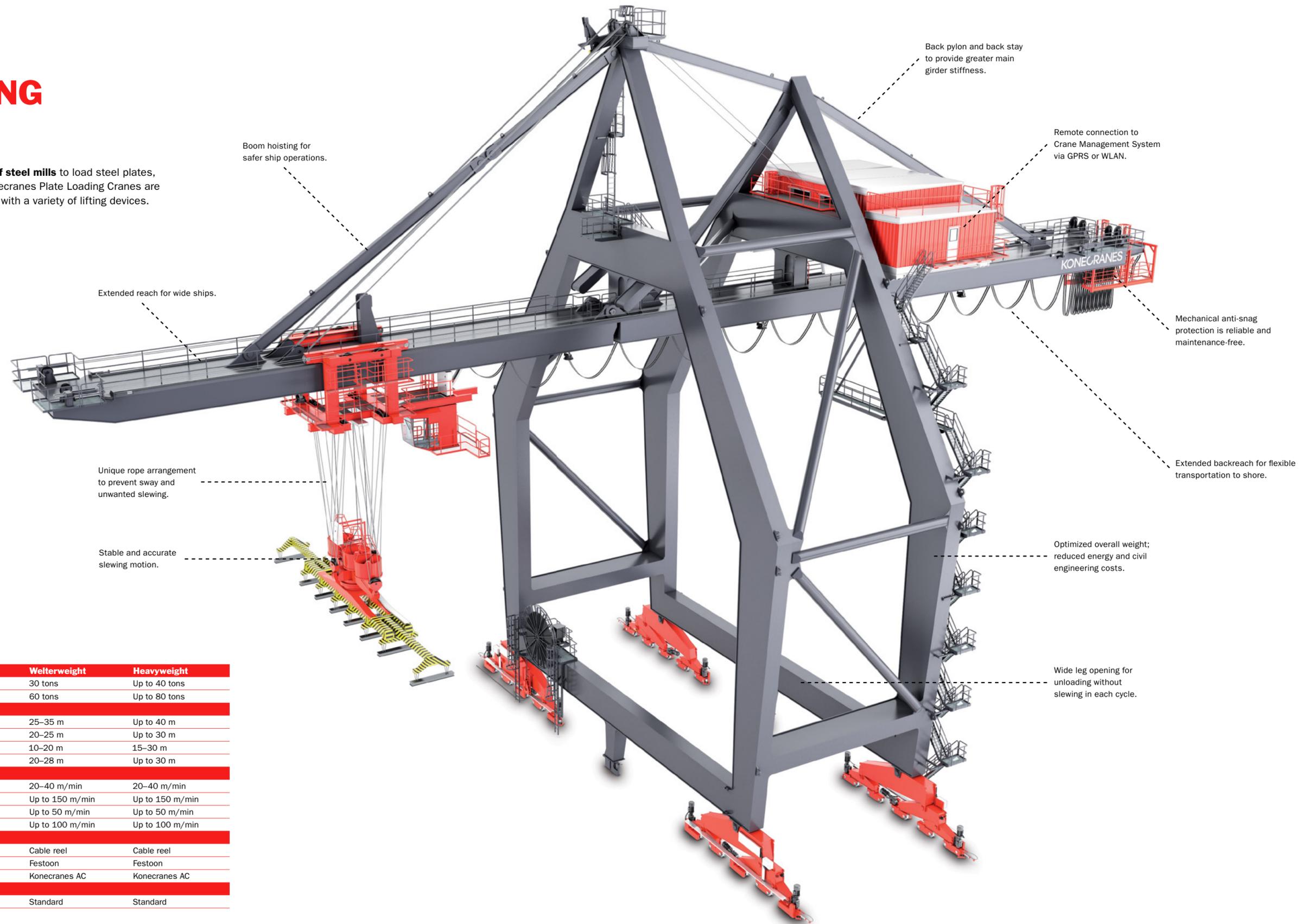


PLATE LOADING CRANES

These cranes are used in the export harbors of steel mills to load steel plates, billets and coils onto ocean-going vessels. Konecranes Plate Loading Cranes are high-performance cranes that can be equipped with a variety of lifting devices.



Boom hoisting for safer ship operations.

Back pylon and back stay to provide greater main girder stiffness.

Remote connection to Crane Management System via GPRS or WLAN.

Extended reach for wide ships.

Mechanical anti-snag protection is reliable and maintenance-free.

Unique rope arrangement to prevent sway and unwanted slewing.

Extended backreach for flexible transportation to shore.

Stable and accurate slewing motion.

Optimized overall weight; reduced energy and civil engineering costs.

Wide leg opening for unloading without slewing in each cycle.

Lifting capacity	Flyweight	Welterweight	Heavyweight
Under magnets	20 tons	30 tons	Up to 40 tons
Total	45 tons	60 tons	Up to 80 tons
Main dimensions			
Outreach	20–30 m	25–35 m	Up to 40 m
Lifting height	15–25 m	20–25 m	Up to 30 m
Rail span	10–20 m	10–20 m	15–30 m
Leg opening	20–28 m	20–28 m	Up to 30 m
Speeds			
Gantry travel speed	20–40 m/min	20–40 m/min	20–40 m/min
Trolley traversing speed	Up to 150 m/min	Up to 150 m/min	Up to 150 m/min
Hoisting speed, full load	Up to 50 m/min	Up to 50 m/min	Up to 50 m/min
Hoisting speed, no load	Up to 100 m/min	Up to 100 m/min	Up to 100 m/min
Electrical systems			
Crane power supply	Cable reel	Cable reel	Cable reel
Trolley power feed	Festoon	Festoon	Festoon
Drive and control system	Konecranes AC	Konecranes AC	Konecranes AC
Monitoring			
Crane Monitoring System	Standard	Standard	Standard