

FOR A SUSTAINABLE FUTURE

CHARGER RTG

A NEW BENCHMARK FOR WHEELED OPERATION

Every solution engineered by Kuenz is the result of the highest level of innovative spirit. It is the essential basis for great ideas, which our employees turn into reality with their commitment and their professional expertise. Our strength is to control the entire process from design, production, installation and commissioning, to after-sales-support. This leads to the creation of products and services that meet the market requirements and the specific needs of our customers to the highest level

OPTIMIZED OPERATION AND HIGHLY EFFICIENT

Kuenz developed the CHARGER explicitly for the so-called wheeled operation or strip mode in intermodal terminals. Strip mode means the load units go directly from the truck lane to the train next to it – or vice versa. There is no ground stacking and, therefore, no gantry traveling with load required.

Kuenz focused on building a sustainable high-performance machine with minimized operational costs. The fully electric-driven CHARGER is powered by an environmentally friendly hybrid solution. The hoist, trolley, and gantry are driven by highly efficient electric motors. The result is a significant reduction in energy consumption in comparison to similar equipment available on the market.

KUENZ CHARGER FEATURES:

- Highly Efficient Electrical Drives
- Sustainable Power Supply Solutions
- Skew & Trim System Directly on Trolley
- Optimal Stiffness with 8 Inclined Ropes
- Prevention of Sway Movements
- Ergonomic Cabin with Optimal View
- TOFC (Piggyback) and WTP Operation
- Reduction of Energy Costs by up to 70%
- Reduction of Maintenance Costs up to 60%







HIGHEST PRODUCTIVITIY

TECHNICAL DATA

Lifting capacity	40,6 t	40 LT
Crane span – standard	10 to 16 m	30 to 52 ft
Crane span – optional	up to 21 m	up to 70 ft
Wheel base	8 m	26 ft
Hoisting height above ground	7,6 m	25 ft
Skew	+/- 2,5°	+/- 2,5°
Trim	+/- 1,2°	+/- 1,2°
Hoist speed with full load	0 – 12 m/min	0 – 40 ft/min
Hoist speed with partial load	0 – 25 m/min	0 – 85 ft/min
Crane travel speed with full load	0 – 20 m/min	0 – 65 ft/min
Crane travel speed without load	0 – 100 m/min	0 – 330 ft/min
Trolley travel speed	0 – 40 m/min	0 – 130 ft/min



MODULAR DESIGN



