

Summary:

Rubber-tyred Container Gantry Cranes(RTG)are special equipment to remove, load and unload containers. Running and moving in the yard, it has the advantage of high production efficiency and fine maneuverability. RTG has tractor trolley and standard trolley two models. RTG is powered by cable drum. At the same time, diesel generating set is equipped for conditions when the power is off or the crane moves to another yard.

Environmental Conditions:

- 1、 The power source is three-phase alternating current, rated frequency is 50HZ, rated voltage is 380V.
- 2、 The working environment temperature ranges from -20°C to $+45^{\circ}\text{C}$ and the relative humidity is no lower than 95%(with dew).
- 3、 In-service, the wind speed should be no higher than 20m/s; out-of-service, the wind speed should be no higher than 44m/s.
- 4、 The group classification of the crane is A6 or A7.
- 5、 The gradient of crane traveling floor should be less than 1% and part of that should be no more than 3%.
- 6、 The crane which has the special requirement for working conditions, can be manufactured following the contracts

Model	LJ35/40-23	LightType LJ40-23
Capacity(under spreader) (t)	35,40	40
Work Duty	A7, A8	A6, A7
Span (m)	23.47	23.47
Lifting Height (m)	12.2~17.8	16.5
Stack Layers/Passing Layers	3/4~5/6	5/6

Container Model	20',40',45'	20',40',45'
Spreader Rotating Angle	±5°	±5°
Hoisting Speed (m/min)	13/26,23/52	12/18,18/28
Cross Travel Speed (m/min)	50,70	24
Long Travel Speed (m/min)	Full Load-90, Without Load-130	Full Load-20, Without Load-40
Max.Wheel Load (kN)	310	310
Total Rating (kW)	150,230	110,150
Power Supply	Electric、 Diesel engine、 Electric-Diesel drive	