

Rubber Tired Gantry Crane - GRT model

- A type gantry frame— stable design, capacity 10t~400t
- Electric & hydraulic drive design to increase crane's adaptability
- Can equip with one or two trolley,
- Auxiliary hook (5t~50t)for light material handling is available
- Fabricated by High-strength steel material Q355
- Full stepless speed control, more safe and stable
- Controlled by PLC with MAGICART customized program
- Wind sensor, Overload protection, Height limit & travel limit protection
- Powered by a diesel genset or electric cable access
- Night working light system

◆ Design of Crane Drive

Lifting

- Electric drive
- Stepless speed,
- inverter control

Trolley travel

- Electric drive
- Stepless speed,
- inverter control

Crane travel

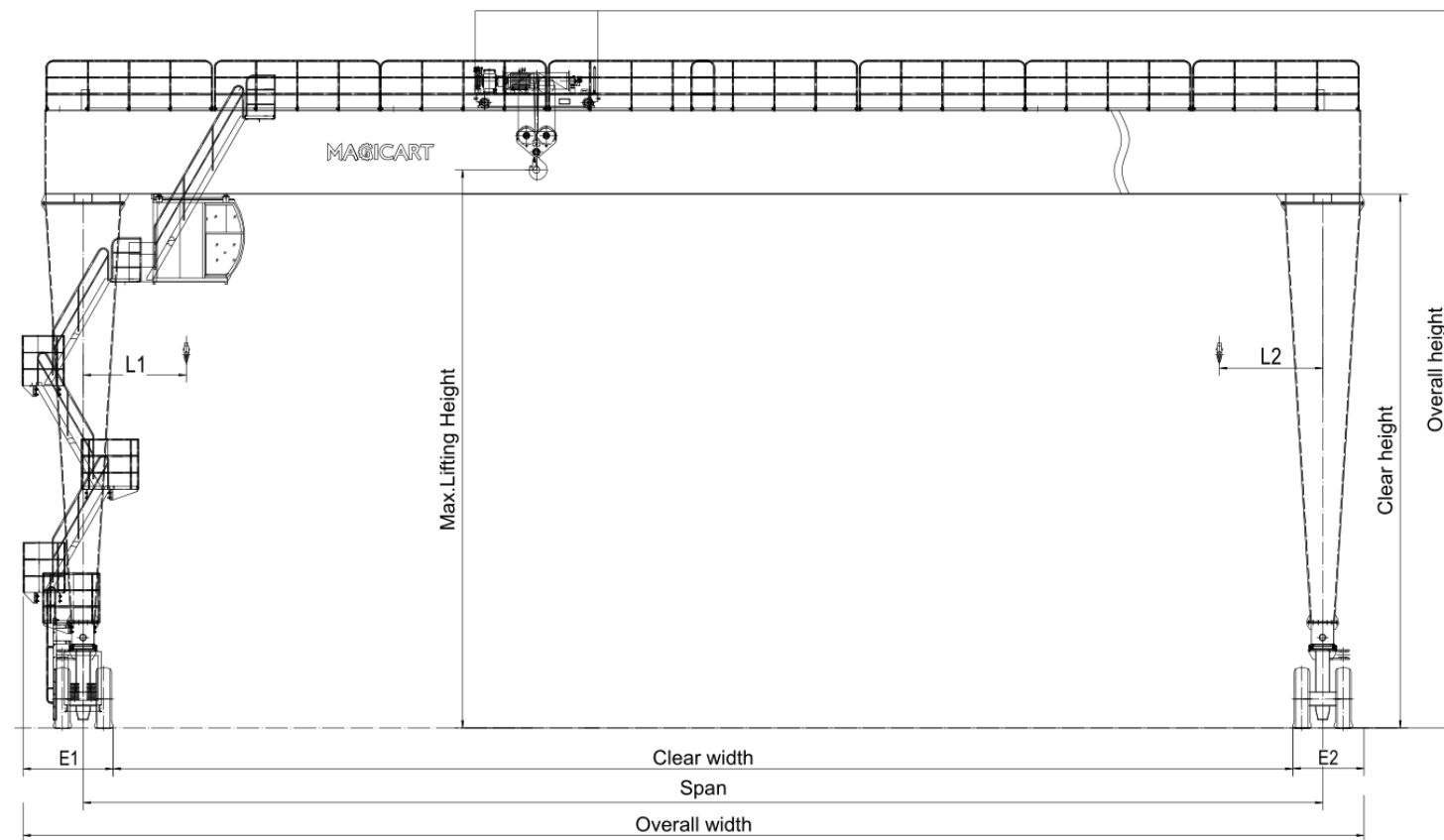
- Hydraulic drive
- Stepless speed,
- Hydraulic valve control

Steer system

- Hydraulic drive
- Stepless speed,
- Hydraulic valve control



Model GRT Dimension Checking



1) Necessary Info needed from client for proposal

- SWL / Load Capacity
- Crane quantity
- Clear width or Span
- Is the ground for crane travel Flat or with slope?
- Max. Lifting Height

2) More info needed from client if available

- Description, photo, size or drawing of material for lifting?
- Overall Width
- Outdoor or Indoor or Both?
- Ground material (concrete or asphalt or compacted soil?)
- Ground Slope ___% in ___meters
- Procedure of crane working
- Overall Height
- Working hours each day
- E1
- E2
- Power voltage on site

GRT model Model Selection



Model	Capacity	Max Lifting Height	Span
GRT 10	10T	3m ~ 9m	3m ~ 35m
GRT 20	20T	3m ~ 9m	3m ~ 35m
GRT 30	30T	3m ~ 12m	3m ~ 35m
GRT 50	50T	3m ~ 12m	3m ~ 35m
GRT 70	70T	3m ~ 12m	3m ~ 35m
GRT 100	100T	5m ~ 15m	5m ~ 35m
GRT 120	120T	5m ~ 15m	5m ~ 35m
GRT 150	150T	5m ~ 15m	5m ~ 35m
GRT 200	200T	3m ~ 15m	5m ~ 35m
GRT 250	250T	3m ~ 20m	5m ~ 35m
GRT 300	300T	5m ~ 20m	5m ~ 35m
GRT 400	400T	5m ~ 20m	5m ~ 35m
	Customized design	Customized design	Customized design

Note: the capacity and size can be made according to client's demand, pls share with us your preferred specification, thanks!