

## GT - PUSH & GEARED TROLLEY INSTRUCTIONS



**Note:** The Owner/Operator must read carefully and understand all the information presented here before operation.

### FEATURES

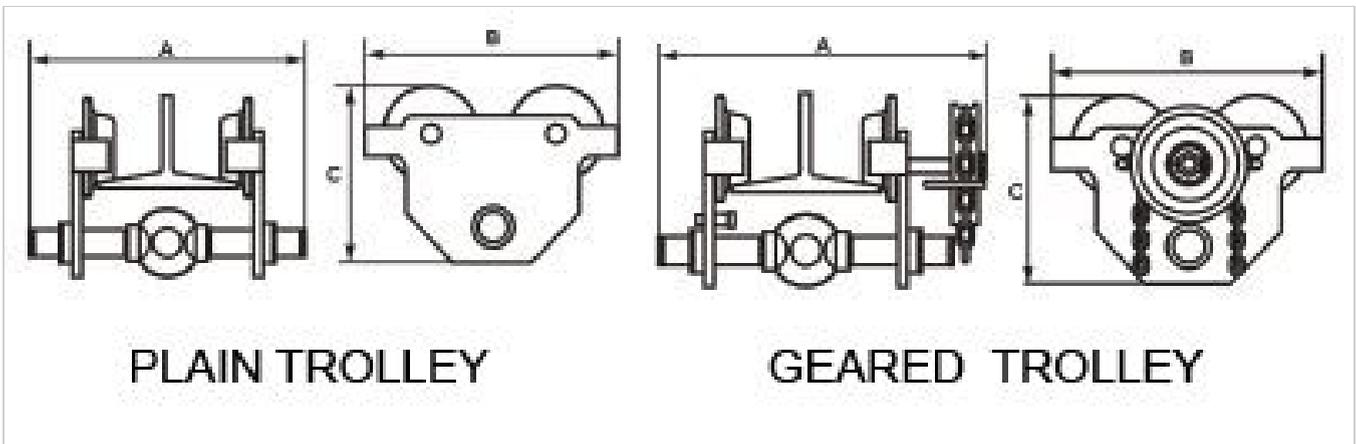
This series trolleys are divided into two kinds: plain trolley & geared trolley. The geared trolley is had operated by pulling the hand-chain & the plain trolley by pushing the load lifted. running on the bottom flange of monorail and swivel hanger pin to the range lit. The trolley to be attached with hand block becomes a conveyer.

## ASSEMBLE AS FOLLOWS

- Measure the actual width of the runway beam;
- Assemble the required number of spacer washers equally to the inside of the trolley side plates so that swivel hanger pin trolley wheel flanges is 6mm greater than the runway beam width. Assemble the remaining washers outside the trolley side plate & fit nuts to hanger pin.
- Suspend the maximum safe working load from the trolley the run the unit slowly along the full length of the runway to ensure smooth factory operation.

### PLAIN TROLLEY PARAMETER

Capacity	I-Beam Width	N.W./KGS	A	B	C	H
0.5t	50-220	5	285	198	158	64.5
1t	58-220	8.7	285	238	183	66
2t	66-220	13.9	300	277	208	75
3t	74-220	23.5	321	324	249	85
5t	90-220	40	354	373	296.5	100



### GEARED TROLLEY PARAMETER

Capacity	I-Beam Width	N.W./KGS	A	B	C	H
0.5t	50-220	9	352.5	198	58	64.5
1t	58-220	12.6	353.5	238	183	66
2t	66-220	18.5	362	277	208	75
3t	74-220	28	406.5	324	249	85
5t	90-220	45	434.5	373	296.5	100

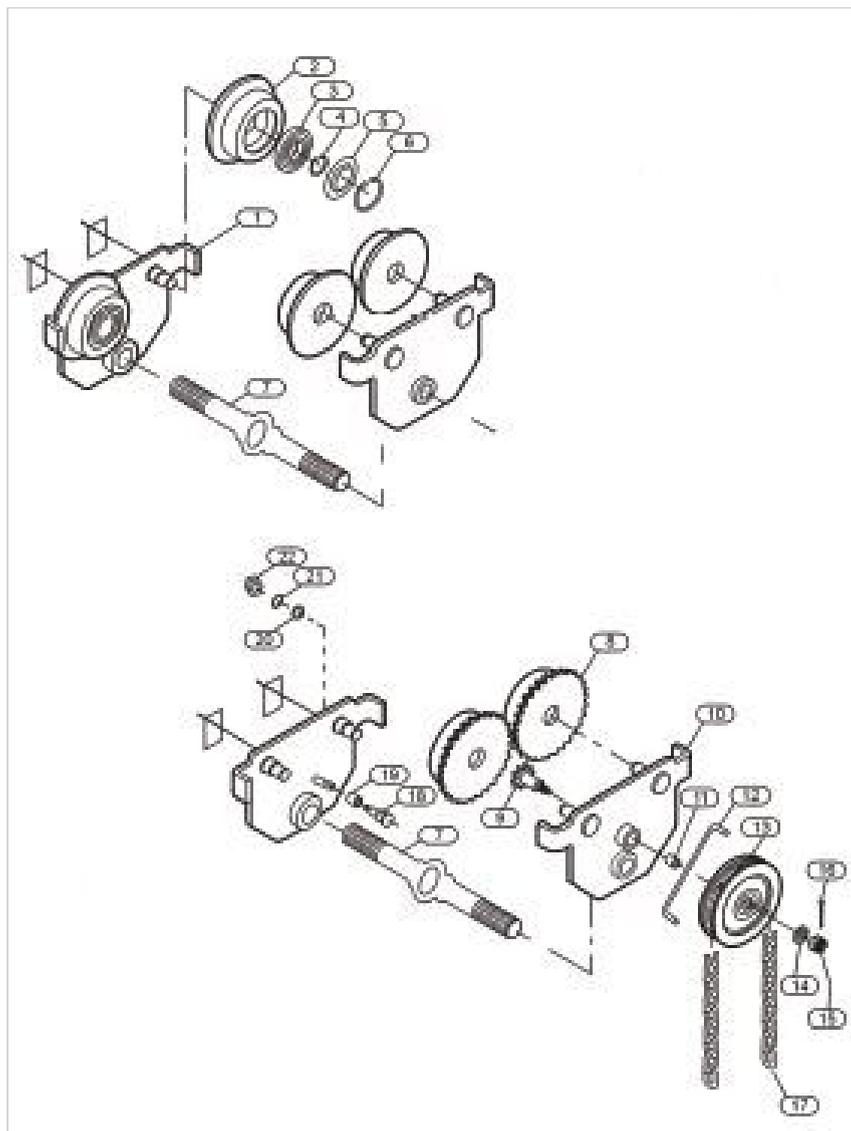
## GENERAL INFORMATION

### ALWAYS:

- Store and handle trolleys correctly.
- Inspect trolleys, blocks and accessories before use and before placing into storage.
- Ensure the wheel profile is suitable for the track.
- Check the trolley width is correctly set for the track.
- Ensure the track is fitted with positive end stops.
- Push rather than pull loads suspended on push/pull trolleys.

### NEVER:

- Expose trolleys to chemicals, particularly acids, without consulting the supplier.
- Force or wedge the suspension hook of blocks onto the load bar.
- Throw or drop a trolley.
- Expose a trolley directly to the elements, water spray, steam etc without consulting the supplier.
- Use a trolley with chipped or otherwise damaged wheel flanges.
- Obliquely side load a trolley.



1.	Two gear case assembly	12.	Catch pin
2.	Driven wheel	13.	Chain wheel
3.	Bearing	14.	Spacer washer
4.	Axle ring	15.	Hex castle nut
5.	Bearing ring	16.	Split pin
6.	Hole ring	17.	Chain
7.	Equalizer pin	18.	Roll spindle
8.	Tooth gear	19.	Roll sleeve
9.	Driven spindle	20.	Spacer washer
10.	Right side gear case assembly	21.	Spring washer
11.	Copper sleeve	22.	Hex nut

## MAINTENANCE & INSPECTION

Maintenance may be combined with that of the block but should ensure that the trolley is clean and that moving parts are regularly lubricated. Keep the running surface of wheels and contact surface of track free of any contamination including lubricants.

Regularly inspect the trolley and, in the event of the following defects, refer the trolley to a Competent Person for thorough examination: wear; damage to wheel treads and flanges; insecure wheels and axle pins; loose nuts; distorted side plates, load bar or suspension eyes; damaged or worn hand chain; damaged controls; worn, chipped drive gears; illegible markings.

## SAFE USE OF TROLLEYS

The safe use of the trolley will largely be governed by the requirements for the block with which it is to be used but should take the following matters into account: Do not use defective trolleys, blocks or accessories.

The trolley must be placed directly over the centre of gravity of the load. Under no circumstances must they be obliquely side loaded as this will cause them to tip, resulting in damage to the track or the trolley becoming detached from the track and falling. In the case of push/pull trolleys push rather than pull suspended loads taking care to avoid swinging loads.

## STORAGE

Users will often remove blocks for storage leaving the trolley in place. They must be suitably protected from damage and corrosion. When removing trolleys for separate storage the following steps should be taken: Never return damaged trolleys to storage. They should be dry, clean and protected from corrosion. Store trolleys in a dry, clean area protected from damage. Operating chains, pendant power controls etc may be removed, clearly labelled and stored separately to avoid damage. Trolleys should not be dropped or thrown down.