

NITCHI TROLLEYS (GT & PT)

0.5 ton to 10-ton capacities (for hand chain hoists)

The heavy-duty NITCHI Trolleys have extremely low headrooms and are designed and made for the efficient transportation of loads.

FRAMES:

The self-aligning rugged steel side-plates together with the suspension plate align the center of balance of the hook-suspension hoist with the trolley and distribute the load equally to all four wheels.

CONVENIENT ADJUSTABILITY:

0.5 ton to 10-ton capacity can be adjusted to fit the different beam sizes listed in the table simply by relocating the spacing washers to the inside or to the outside of the frame.

Width adjustability for large capacity trolleys for narrower or wider beams are also available on specific enquiries and orders.

WHEELS:

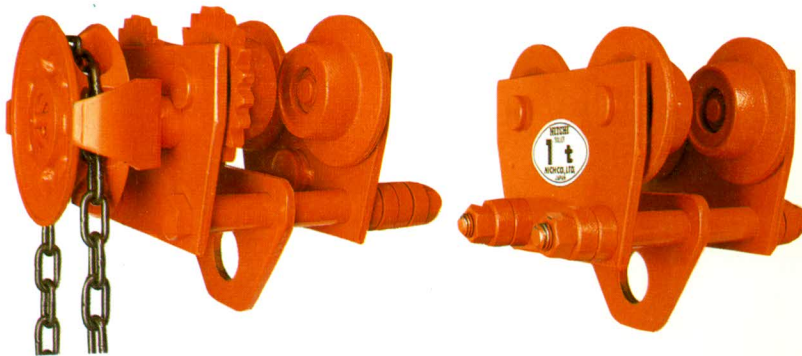
Both the plain and geared wheels are made of super grade cast iron. The unique tread profiles of the trolley wheels make use on flat and taper beams possible and the deep wide flanges prevent the wheels from climbing the track.

BALL BEARINGS:

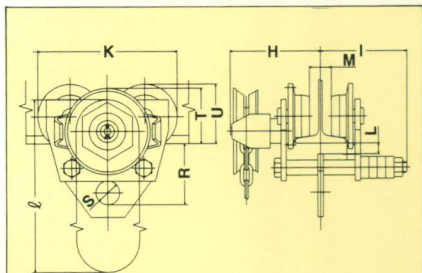
All the trolley wheels are equipped with precision anti-friction ball bearings that will provide smooth and easy rolling.

GEARED TROLLEY (GT)

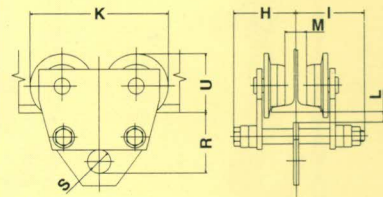
PLAIN TROLLEY (PT)



hook suspension type



GT Diagrammatic only



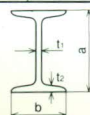
PT Diagrammatic only

STANDARD SPECIFICATIONS

GEARED TROLLEY(HGB) & PLAIN TROLLEY(HPB)										Geard Trolley(HGB)					Plain Trolley(HPB)		
Cap. (ton)	Standard I-Beam (mm) a × b × t ₁	Minimum curve radius (mm)	Test Load (t)	Major Dimension(approx.) (mm)						Net weight (≒kg)	H (mm)	I (mm)	T (mm)	Q (m)	Net weight (≒kg)	H (mm)	I (mm)
				K	L	M	R	S	U								
0.5	※125×75×5.5 180×100×6 250×125×7.5	800	0.75	195	23-t ₂	b-43	94-t ₂	32	72+t ₂	9	b/2 +73	168- b/2	96+t ₂	2.5	6	93	105
1	※150×75×5.5 180×100×6 250×125×7.5	1,000	1.5	206	25-t ₂	b-42	99-t ₂	35	78+t ₂	12	b/2 +98	168- b/2	72+t ₂	2.5	8	95	103
1.6	※150×75×5.5 180×100×6 250×125×7.5	1,100	2.4	221	32-t ₂	b-41	108-t ₂	40	85+t ₂	15	b/2 +98	174- b/2	72+t ₂	2.5	11	112	112
2	※200×100×7 250×125×7.5 300×150×8	1,200	3.0	262	31-t ₂	b-63	130-t ₂	45	102+t ₂	23	b/2 +108	203- b/2	115+t ₂	3.0	17	128	128
3.2	※200×100×7 250×125×10 300×150×11.5	1,500	4.8	306	32-t ₂	b-63	130-t ₂	56	126+t ₂	32	b/2 +108	208- b/2	119+t ₂	3.0	26	133	133
5	※250×125×10 300×150×11.5 450×175×11	1,500	7.5	329	37-t ₂	b-76	152-t ₂	65	132+t ₂	52	b/2 +141	253- b/2	128+t ₂	3.0	45	166	166
10	※400×150×12.5 450×175×13	3,000	12.5	420	45-t ₂	b-84	235-t ₂	80	175+t ₂	115	b/2 +189	b/2 +104	184+t ₂	3.5	—	—	—

NOTE:

0.5-ton to 10-ton trolleys are supplied to fit the I-Beams marked ※ in the table, which are also adjustable to suit the alternative I-Beams indicated in the lower columns by shifting the spacer washers to inside of the frames.



The design, materials and specifications are subject to change for improvements without notice.