PT Series Manual Trolley – Installation and Safety Instructions

JET Manual Trolleys are designed to be used on either "I" or “H” wide flange beams.
JET PT Series Trolleys comply with OSHA regulations, ANSI/ASME B30.11 and B30.17 standards.

⚠WARNING

1. Beam must be properly installed and rated for anticipated loads.
2. Do not install trolley on beams of unknown capacity.
3. Do not install trolley on damaged or deformed beams.
4. JET trolleys are designed to be used with hoists of the same rated capacity. Never use a hoist with a capacity greater than the capacity of the trolley.
5. Never subject trolley to a side pull or load. Load must be centered directly under the hoist / trolley assembly.
6. Make sure load is stable and secure before moving.
7. Never lift load more than is necessary to safely move it.
8. Always follow installation instructions.
9. Do not use if under the influence of drugs, alcohol, or medication.

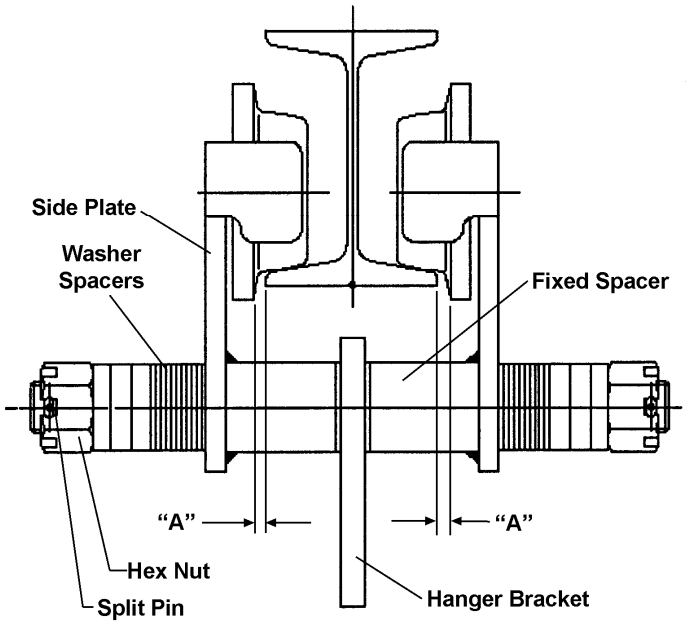
Installation Instructions

(refer to drawing at right)

1. Trolley must be installed on a beam with a minimum clearance (wheels to flange) of 1/16" to a maximum of 1/8". Reference "A" on both sides of the beam.

2. To extend trolley width, remove split pins and hex nuts. Remove washer spacers from center bolt and place between hanger bracket and fixed spacer. **Note:** Washer spacers **must** be moved in sets of two, one on either side of the hanger bracket, as the hanger bracket must always remain centered between the trolley side plates.

3. Once trolley width is spaced properly, install remaining washer spacers on the center bolt (same number on both sides) on the outside of the side plates. Install hex nuts and split pins. **Do not over tighten nuts.** Tighten nuts and then back nuts off to align the nut with hole in shaft for split pin. Insert split pin through each hex nut and bend one end of split pin.

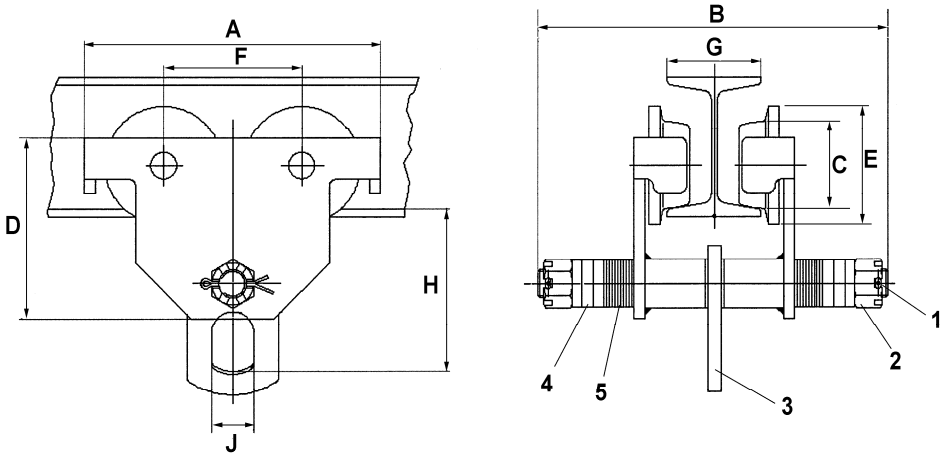


4. Re-check wheel clearance "A" and re-adjust if necessary.

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PT Series Trolley: Specifications and Parts List



Capacity	Stock No.		Beam Flange Width "G" (min–max)	Beam Height (min-max)	Min. Radius Curve	Shipping Weight	A	B	C (Ø)	D	E (Ø)	F	G	H	J
1/2 Ton	252005	mm	64–203	76–622	900	8.5 (kg)	212	312	58	130	82	102	64–203	113	24
		in.	2-1/2–8	3–24.5	35	19 (lb)	8.35	12.28	2.28	5.12	3.23	4	2-1/2–8	4.45	0.95
1 Ton	252010	mm	76–203	127–622	1000	15 (kg)	252	330	75	155	102	118	76–203	128	30.5
		in.	3–8	5–24.5	39	33 (lb)	9.92	13	2.95	6.10	4	4.65	3–8	5.04	1.20
1-1/2 Ton	252015	mm	82–203	153–622	1100	18.5 (kg)	281	336	85	162	115	124	82–203	145	33
		in.	3-1/4–8	6–24.5	43	41 (lb)	11.06	13.23	3.35	6.38	4.53	4.88	3-1/4–8	5.71	1.3
2 Ton	252020	mm	82–203	153–622	1100	23 (kg)	302	350	90	170	127	137	82–203	152	36
		in.	3-1/4–8	6–24.5	43	51 (lb)	11.89	13.78	3.54	6.69	5	5.40	3-1/4–8	5.98	1.42
3 Ton	252030	mm	102-203	203–622	1300	37.5 (kg)	346	370	110	217	147	157	102–203	186	45
		in.	4–8	8–24.5	51	83 (lb)	13.62	14.57	4.33	8.54	5.79	6.18	4–8	7.32	1.77
5 Ton	252050	mm	117-203	254–622	1400	54.5 (kg)	382	400	122	255	160	172	117–203	219	60
		in.	4-5/8–8	10–24.5	55	120 (lb)	15.04	15.75	4.80	10.04	6.30	6.77	4-5/8–8	8.62	2.36
10 Ton	252060	mm	120-203	254–622	1700	92 (kg)	455	432	151	295	189	200	120–203	275	82
		in.	4-3/4–8	10–24.5	67	202 (lb)	17.91	17	5.94	11.61	7.44	7.87	4-3/4–8	10.83	3.23

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No	Part No	Description	Qty
1	1/2GBT-23	Split Pin (1/2 ton)	2
	1GBT-23	Split Pin (1 ton)	2
	2GBT-23	Split Pin (2 ton)	2
	3GBT-23	Split Pin (3 ton)	2
	5GBT-23	Split Pin (5 ton)	2
	10GBT-23	Split Pin (10 ton)	2
2	1/2GBT-26	Nut (1/2 ton)	2
	1GBT-26	Nut (1 ton)	2
	2GBT-26	Nut (2 ton)	2
	3GBT-26	Nut (3 ton)	2
	5GBT-26	Nut (5 ton)	2
	10GBT-26	Nut (10 ton)	2
3	1/2GBT-29	Hanger Plate (1/2 ton)	1
	1GBT-29	Hanger Plate (1 ton)	1
	2GBT-29	Hanger Plate (2 ton)	1
	3GBT-29	Hanger Plate (3 ton)	1
	5GBT-29	Hanger Plate (5 ton)	1
	10GBT-29	Hanger Plate (10 ton)	1

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No	Part No	Description	Qty
4	1/2GT-31	Adjusting Washer - 8mm (1/2 ton)	14
	1GT-31	Adjusting Washer - 8mm (1 ton)	14
	2GT-31	Adjusting Washer - 8mm (2 ton)	12
	3GT-31	Adjusting Washer - 8mm (3 ton)	10
	5GT-31	Adj. Washer - 8mm(10mm)(5 ton)	8
	10GT-31	Adj. Washer - 8mm(10mm)(10 ton)	8
5	1/2GT-32	Adj. Washer - 2mm (1/2 ton)	18
	1GT-32	Adj. Washer - 2mm (1 ton)	10
	2GT-32	Adj. Washer - 2mm (2 ton)	16
	3GT-32	Adj. Washer - 2mm (3 ton)	12
	5GT-32	Adjusting Washer - 2mm (5 ton)	12
	10GT-32	Adjusting Washer - 2mm (10 ton)	10