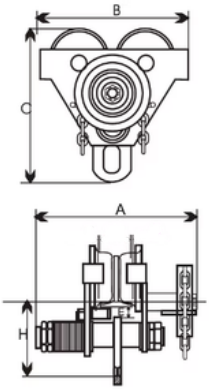
BLACK PAW®



PRODUCT DATA SHEET BLACKPAW GEARED DRIVE TROLLEY

The Black Paw TAI-GT5TX6M Geared Trolley is engineered for heavy-duty lifting applications, offering a 2-ton, 3-ton and5-ton load capacity and a 6-meter chain length. Its geared mechanism ensures precise control, making it ideal for moving heavy loads with ease. The trolley's adjustable width allows it to fit various I-beams, providing versatility across different setups. Constructed from high-strength steel and coated with a corrosion-resistant finish, this trolley is built to withstand the rigors of industrial environments, ensuring long-lasting performance and reliability.

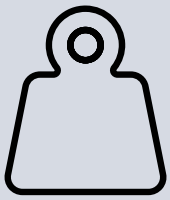
TECHNICAL SPECIFICATIONS



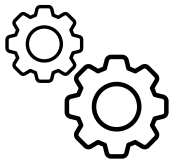
MODEL	CAPACITY (t)	TEST LOAD (KM)	CHAIN PULL TO LIFT FULL LOAD (n)	MIN RADIUS OF CURVE (m)	KG	DIMENSIONS (mm)					ADJUSTABLE BEAM WIDTH (mm)	
						A		B	C	H	PYLON	LENGTHEN PYLON
						PLYON	LENGTHEN PYLON					
1T	1	12.5	44	1	11.18	300	321	250	200	110	64-140	64-203
2T	2	25	80	1.1	15.54	300	341	275	230	125	76-165	88-165
3T	3	37.5	65	1.3	24.1	390	416	315	290	160	76-203	103-203
5T	5	62.5	90	1.4	34.48	400	459	355	335	174	88-203	114-203
10T	10	125	125	1.7	84.2	480	515	450	450	225	125-203	125-203

Beam Width Compatibility: Adjustable to fit various I-beam widths
Material: High-strength steel construction
Finish: Corrosion-resistant coating for enhanced durability

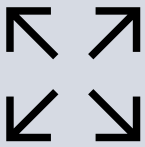
Load Capacity: Designed to handle extremeloads, making it ideal for demanding lifting operations in industrial environments such as warehouses, fabrication shops, construction sites, and maintenance facilities. The robust load-bearing components ensure stable support when transporting heavy machinery, structural materials, or equipment along overhead beams. Its high load rating helps improve efficiency by enabling operators to move large loads with confidence while maintaining safety and reliability.



Geared Mechanism: Equipped with a geared drive system, allowing for precise control and easy maneuverability of heavy loads. This controlled movement minimizes sudden shifts or jerks, improving load positioning accuracy and reducing operator fatigue. The geared design is particularly beneficial when handling very heavy loads or when precise placement is required.



Adjustable Width: The trolley is adjustable to fit different beam widths, ensuring compatibility with various I-beams. This adaptability makes the trolley suitable for new installations or retrofitting into existing overhead lifting setups.



Durable Construction: Built with high-quality materials to withstand harsh working conditions and ensure long-lasting performance. he wheels are designed to roll smoothly along the beam while resisting wear, and the frame is engineered to handle heavy loads without deformation. Protective finishes help resist corrosion, dust, and harsh environmental conditions, ensuring long service life even in demanding environments such as manufacturing plants or outdoor construction areas.



Easy Installation: Designed for quick and straightforward installation, minimizing downtime during setup. Its adjustable design allows it to be mounted directly onto the beam with minimal tools or modifications.

