

Air Trolleys TA, TG, & TP

T series trolleys are designed specifically for mining, industrial and general engineering applications. The trolleys are available in plain, geared and motorized versions and can be supplied with rigid or hook on adaptors. They have a minimum factor of safety of 5 at the maximum rated load and are therefore suitable for use with both manual and powered hoists. The trolleys comply with the requirements of SANS 1824, EN13157 and EN14492-2. The manufacturing facility producing the trolleys is ISO9001, ISO14001 & OHSAS18001 certified.

- 1t, 3t, 6t, and 10t capacity units
- Low headroom, compact and versatile
- Available in plain, geared and motorized versions
- Greater than 5:1 factor of safety
- Anti-fall, anti-derailment and anti-tilt features as standard

Precise Control

Infinitely variable control offers precise speed control from creep to full speed. The maximum allowable traverse speed can also be set on the trolley control valve.

Emergency Stop

All trolleys can be supplied with an emergency stop device as an option. This shuts off the main air supply to the trolley when activated. Resetting the device will not automatically restart the traverse operation.

Vane Motor

Assisted vane lifting ensures maximum starting torque when starting under load. The motor is not affected by wet or damp operating conditions. Built in silencer limits noise level to 76dB(A).

Low Headroom

Compact design reduces headroom. Rigid adaptor further reduces headroom.

Versatility

Trolley fits a wide variety of beam widths. They can accommodate both parallel and tapered flange beams. Hook on adaptor allows any hoist up to trolley capacity to be attached.

Automatic Stopping

Motorized traverse drive stops automatically due to the worm drive when the air supply is shut off. Additional traverse brake is optional.

Small Turn Radius

Trolleys can negotiate small turn radii in the support beam.



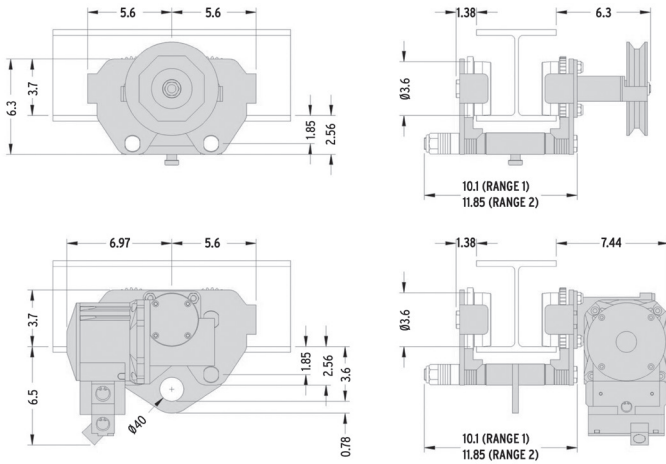
6t trolley shown with integrated TAH33 hoist

Product Code	Capacity (tons, lbs)	Track Width Range (mm, in)	Min. Curve Ratio (mm, in)	Net Weight (kg, lb)	Max Traverse Speed (m/min, ft/min) @ 6bar
TA1000	1.0, 2200	73-152, 2.9-6.0	900, 35.4	30.5, 67.2	22.0, 72.2*
TG1000	1.0, 2200	73-152, 2.9-6.0	900, 35.4	21.2, 46.7	22.0, 72.2*
TP1000	1.0, 2200	73-152, 2.9-6.0	900, 35.4	18.2, 40.1	22.0, 72.2*
TA3000	3.0, 6600	89-184, 3.6-7.2	950, 37.4	44.0, 97.0	28.0, 91.9*
TG3000	3.0, 6600	89-184, 3.6-7.2	950, 37.4	34.7, 76.5	28.0, 91.9*
TP3000	3.0, 6600	89-184, 3.6-7.2	950, 37.4	31.7, 69.9	28.0, 91.9*
TA6000	6.0, 13,200	128-184, 5.0-7.2	1600, 63.0	80.0, 176.4	27.0, 88.6*
TG6000	6.0, 13,200	128-184, 5.0-7.2	1600, 63.0	72.0, 158.7	27.0, 88.6*
TP6000	6.0, 13,200	128-184, 5.0-7.2	1600, 63.0	69.0, 152.1	27.0, 88.6*
TA10200	10.0, 22,000	150-320, 5.9-12.6	2800, 110.2	153.0, 337.3	23.0, 75.5*
TG10200	10.0, 22,000	150-320, 5.9-12.6	2800, 110.2	145.0, 319.7	23.0, 75.5*
TP10200	10.0, 22,000	150-320, 5.9-12.6	2800, 110.2	142.0, 313.1	23.0, 75.5*

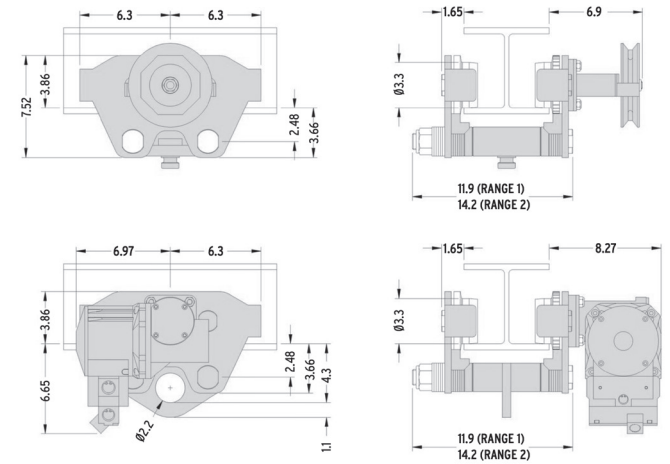
*Variable traverse speed is standard on the motorized TA series trolley.

All diagram measurements are imperial

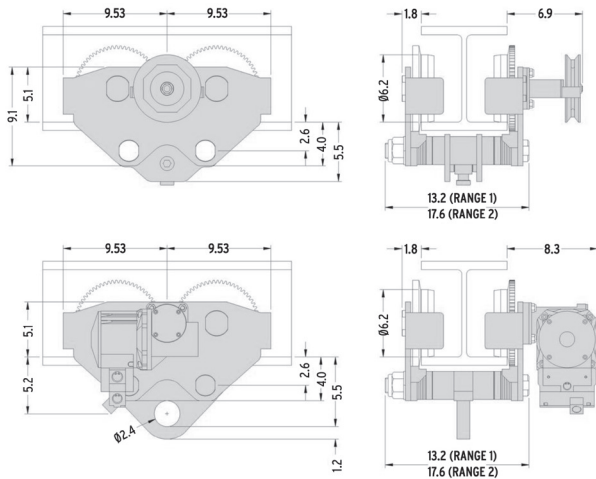
1t capacity unit



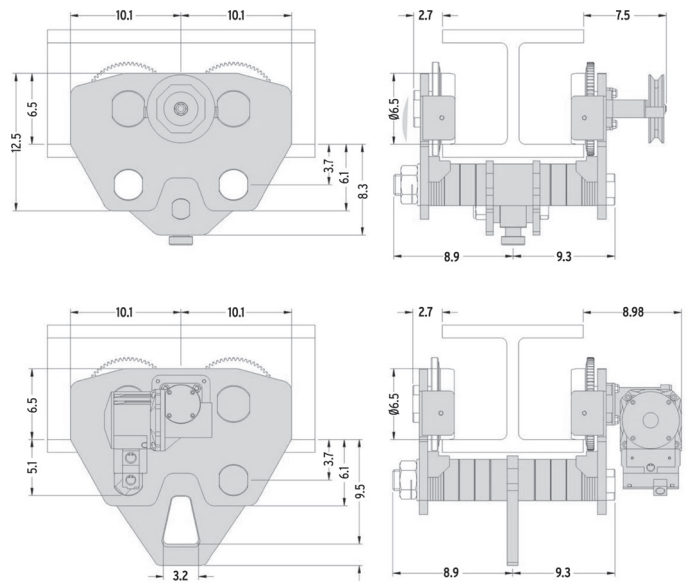
3t capacity unit



6t capacity unit



10t capacity unit



How to Order: Example: TAG000HPE2

Series	Type	Load (kg, lb)	Attachment	Control	Pendant Type	Control Length (m, ft)
T	A	6000	H	P	E	2
	A= Motorized G= Geared P= Plain	1000, 2200	H=Hook On R=Rigid	P = Pendant T= Toggle	E= 3 Hose F= 5 Hose	
		3000, 6600				
		6000, 13,200				

Due to our policy of continual product development, dimensions, weights and specifications may change without prior notice. Please check with your Tiger sales team when ordering.

Bespoke designs available on request – contact sales@tigerliftingna.com for more information.