

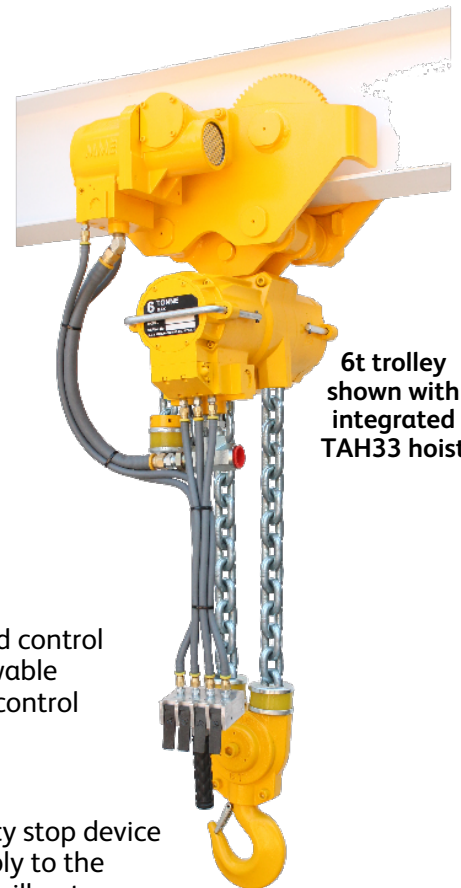
Tiger Air Trolleys



Main Features

- 1, 3, 6 and 10 tonne 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

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 certified.



6t trolley shown with integrated TAH33 hoist



3t trolley shown with TAH33 hoist

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.

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.

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).

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.

Ease of Maintenance

The modular design of the trolley allows easy access to internal components such as the motor & gearbox. Common parts are used throughout the range.

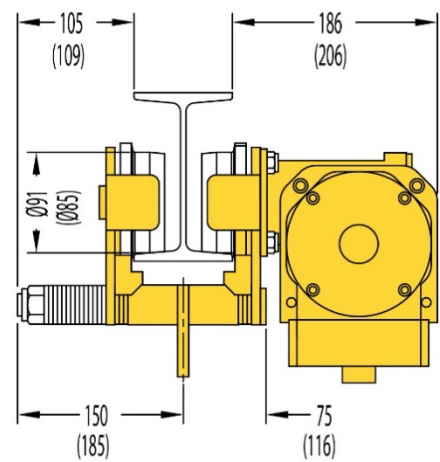
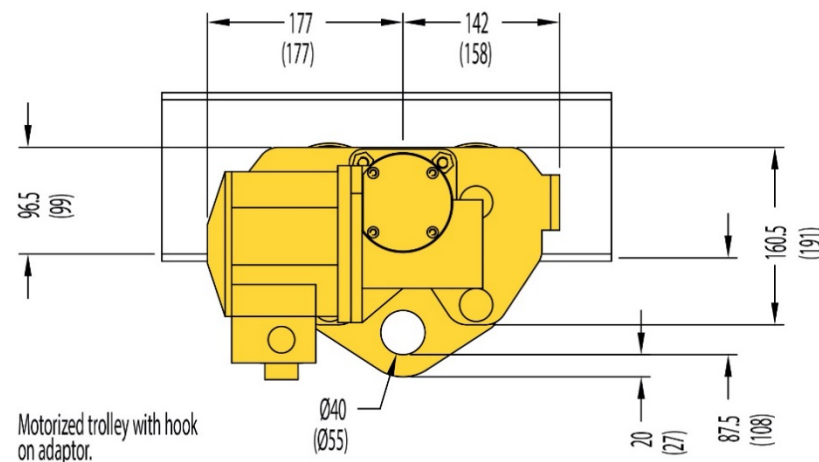
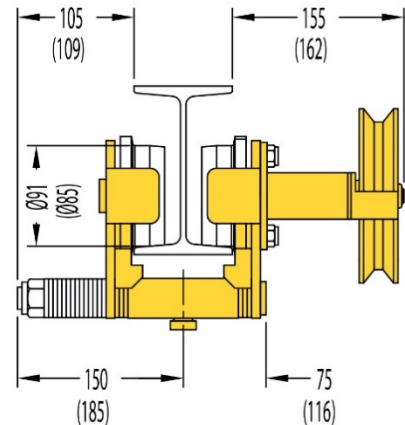
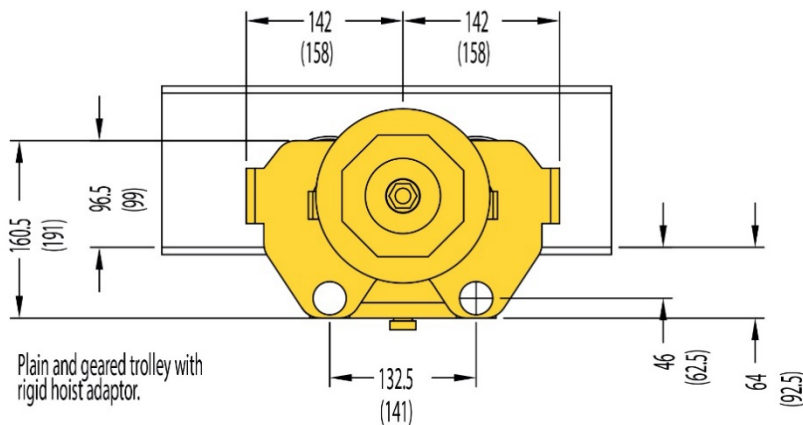
Technical Data

Product Code	Capacity (tonne)	Track width range (mm)		Max flange thickness (mm) †	Min. curve radius (mm)	Net Weight (kg)	Max. Traverse Speed (m/min) @ 6 bar
		Range 1	Range 2				
TA1000	1.0	73-166	73-203	20	900	30.5	22.0*
TG1000	1.0	73-166	73-203	20	900	21.2	-
TP1000	1.0	73-166	73-203	20	900	18.2	-
TA3000	3.0	89-184	89-230	25	950	44.0	28.0*
TG3000	3.0	89-184	89-230	25	950	34.7	-
TP3000	3.0	89-184	89-230	25	950	31.7	-
TA6000	6.0	128-200	128-305	25	1600	80.0	27.0*
TG6000	6.0	128-200	128-305	25	1600	72.0	-
TP6000	6.0	128-200	128-305	25	1600	69.0	-
TA10200	10.0	150-320	N/A	30	2800	153.0	23.0*
TG10200	10.0	150-320	N/A	30	2800	145.0	-
TP10200	10.0	150-320	N/A	30	2800	142.0	-

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

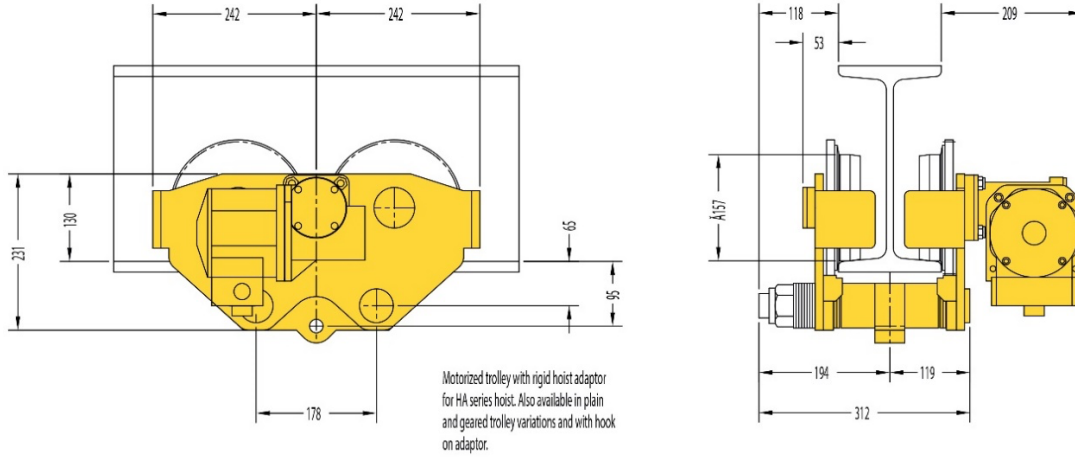
† Other flange thicknesses available on request – ask us for details.

1t/3t capacity units:

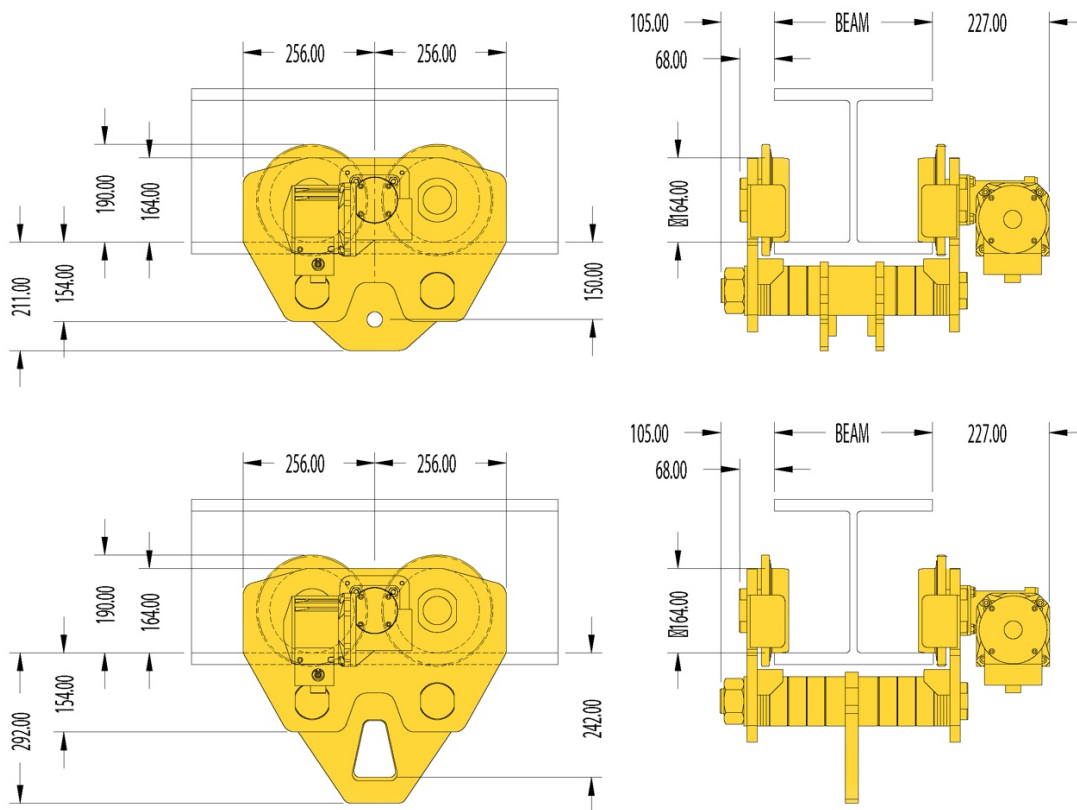


Note : Numbers in brackets are for the TA3000, TG3000 and TP3000 models.

6t capacity unit:



10t capacity unit:



How to Order: Example: TA6000HPE2

Series	Type	Max Load (kg)	Attachment	Control	Pendent Type	Control Length (m)
T	A	6000	H	P	E	2
	A = Motorized G = Geared P = Plain	1000 3000 6000	H = Hook On R = Rigid	P = Pendent T = Toggle	E = 3 Hose F = 5 Hose	

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 info@tigerlifting.com for more information.