

Tuffy Hoist Catalog



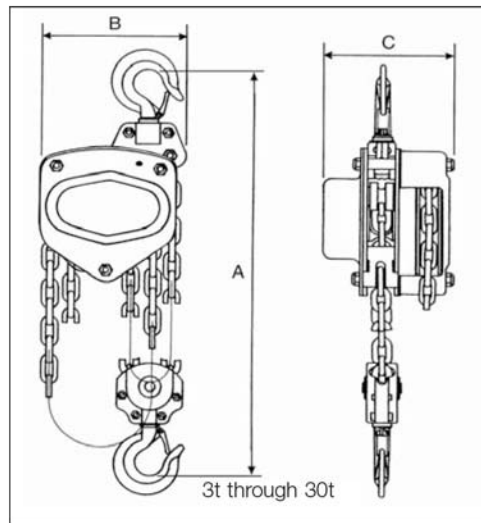
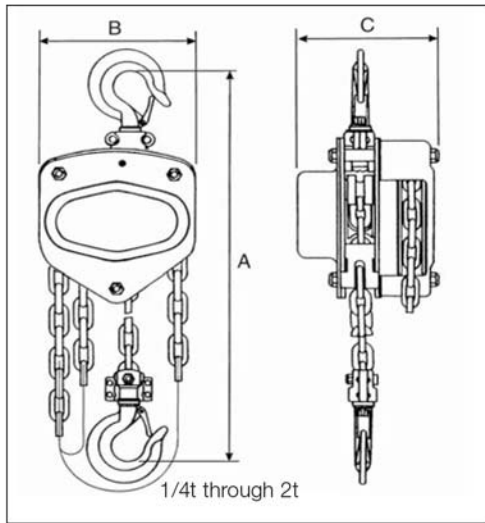
TUFFY
CHAIN HOISTS



MODEL: CF

FEATURES:

- Overload clutch standard feature on chain hoists
- Modern small body, compact, stamped steel construction
- Fully machined steel load sheaves
- Cast steel hook latches instead of stamped steel
- Fully enclosed gear train and caged internal bearings
- All exposed parts plated or powder coated for corrosion protection
- Bottom hooks of chain hoists equipped with roller thrust bearings
- Top & bottom hook tips with cast self-locking latches, for increased safety
- Double pawl Weston style load brake
- Conforms to ASME B30.16 - Chain Hoists and Standard B30.21 - Lever Hoists



Model	Working Load Limit	Standard Lift	Chain Size	Falls of Chain	Effort to Lift Rated Load (lbs.)	Net Weight with 10 ft of Lift (lbs.)	Dimensions (inches)			
							A	B	C	Hook Openings
TUF-CF05	0.5t	10 ft	6	1	51	22	10.64	5.00	5.16	.99
TUF-CF10	1t	10 ft	8	1	66	26	12.49	6.23	5.52	.99
TUF-CF1.5	1.5t	10 ft	8	1	70	30	15.7	7.36	6.34	1.42
TUF-CF20	2t	10 ft	8	1	77	49	16.31	7.37	6.34	1.32
TUF-CF30	3t	10 ft	8	2	60	71	18.32	8.27	6.34	1.58
TUF-CF50	5t	10 ft	10	2	90	102	25.06	9.97	6.34	1.97
TUF-CF7.5	7.5t	10 ft	10	3	90	140	30.24	14.8	7.24	1.97
TUF-CF100	10t	10 ft	10	4	90	183	31.42	14.1	8.15	2.52
TUF-CF150	15t	10 ft	10	8	90 x 2	374	35	25.6	8.46	3.35
TUF-CF200	20t	10 ft	10	8	*Call for dimensions on larger sizes*					
TUF-CF300	30t	10 ft	10	12						
TUF-CF500	50t	10 ft	10	20						

NOTE: Please specify chain length required when ordering, by adding a -5, -10, -15, -20 to the end of model number. Standard is 10 ft.

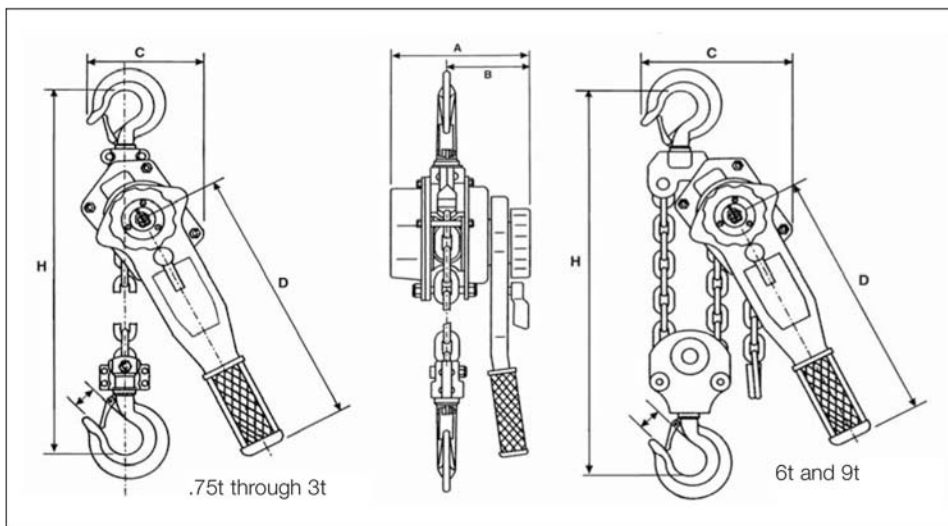
LEVER CHAIN HOIST



MODEL: LH

FEATURES:

- Standard overload clutch
- Double pawl Weston style load brake
- Fully machined steel load sheaves
- Top & bottom hook tips with cast self-locking latches, for increased safety
- Fully enclosed gear train and caged internal bearings
- All exposed parts plated or powder coated for corrosion protection
- Double pawl Weston style load brake
- Conforms to ASME B30.16 - Chain Hoists and Standard B30.21 - Lever Hoists



Model	Working Load Limit	Effort to Lift Rated Load (lbs.)	Net Weight with 10 ft Lift (lbs.)	Chain Size	Falls of Chain	Dimensions (inches)					Hook Openings
						A	B	C	D	H	
TUF-LH075	.75 t	30.86	16	6	1	5.83	3.55	5.36	11.03	12.8	0.87
TUF-LH100	1 t	32.6	17	6	1	5.83	3.55	5.36	11.03	13	0.95
TUF-LH150	1.5 t	48.49	25	8	1	6.78	3.86	6.3	16.15	14.97	1.26
TUF-LH200	2 t	51.8	26	8	1	6.78	3.86	6.3	16.15	15.1	1.4
TUF-LH300	3 t	70.53	47	10	1	7.88	4.53	7.09	16.15	18.91	1.46
TUF-LH600	6 t	74.94	69	10	2	7.88	4.53	9.26	16.15	24.43	1.77
TUF-LH900	9 t	79.2	103.4	10	3	7.88	4.53	12.44	16.15	27.56	2.36

NOTE: Please specify chain length required when ordering, by adding a -5, -10, -15, -20 to the end of model number.

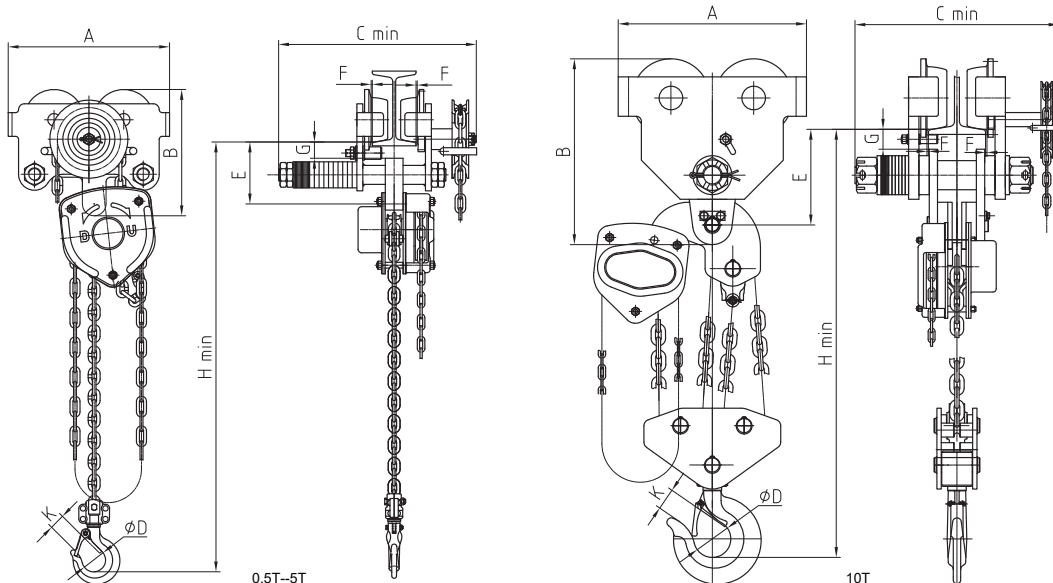
MODEL: CCCH (CLOSE COUPLED CHAIN HOIST)

FEATURES:

- Hoist and trolley integrated offers minimum headroom.
- Robust all steel construction.
- Minimum effort to raise load
- High strength alloy steel load chain
- Stainless steel name plates.
- Paint is baked enamel finish and all exposed parts of hoist are plated or powder coated for corrosion protection.
- Weather protected, double pawl Weston style load brake
- Cast steel safety latches.
- Load hooks equipped with thrust bearings.
- Spare parts always available.
- Equipped with overload protection as standard.
- Complies with ASME/ANSI B30 standards where applicable
- Easily adjusted to any beam width within offered ranges.
- Trolleys fitted with extended range suspension pins for wider flange widths upon request.
- Optional chain containers upon request.



Model	Capacity	I-Beam Range (inches)	Dimensions (inches)									Min. Radius Curve (ft.)	Weight w/ out Chain (lbs.)	Chain Size & Strands	Chain Weight /ft lift (lbs.)	Extended Range Avail. (in.)
			A	B	C	D	E	F	G	H	K					
CCCH05	0.5t	2-7	9.37	6.65	13.23	1.38	3.39	0.12	0.98	10.35	1.10	3	47	6mm x 1	0.54	7.09-12
CCCH10	1t	2.75-7	10.75	6.69	13.17	1.40	4.11	0.12	1.08	13.46	1.02	4	57	8mm x 1	0.92	7.09-12
CCCH20	2t	3-7	11.93	7.13	14.65	1.67	4.53	0.12	0.98	15.71	1.26	4	95	8mm x 1	0.92	7.09-12
CCCH30	3t	3-7	14.29	9.06	15.00	1.97	4.92	0.12	1.14	18.50	1.46	5	159	8mm x 2	1.84	7.09-12
CCCH50	5t	3.8-7	17.17	10.24	15.51	2.52	5.75	0.12	1.30	22.99	1.81	7	215	10mm x 2	2.96	7.09-12
CCCH100	10t	5.75-8	17.91	17.64	19.41	3.35	9.09	0.16	1.89	31.81	1.97	10	381	10mm x 4	5.92	7.87-12.99



MODEL: StingRay Subsea Lever Hoist

FEATURES:

- Designed & constructed for use in extreme marine environments and subsea operations
- Unique hand wheel and free wheel knob design.
- Hook tips with cast self-locking latches.
- Patented bonded brake, no brake discs required.
- Caged roller bearings on the load sprocket.
- Dacromet finish on all brake components.
- Integrated safety overload clutch.
- Weston brake with twin pawls.
- Stainless steel name plates.
- Minimum handle effort required to raise loads.
- Load chain includes adjustable End Stop.
- Nickel plated G100 alloy load chain.
- All steel construction & internal surfaces are treated with special anti-corrosive finish.
- Powder coated exterior paint finish.
- Does not require pre-load for lifting function.
- Operating temperature range from -40° to +140°.
- Meets: OSHA, ASME B30.21 and ASME HST-3
- Meets: IMCA D028 Standard (UK subsea lever hoist)



This lever hoist meets or exceeds the following governing standards:

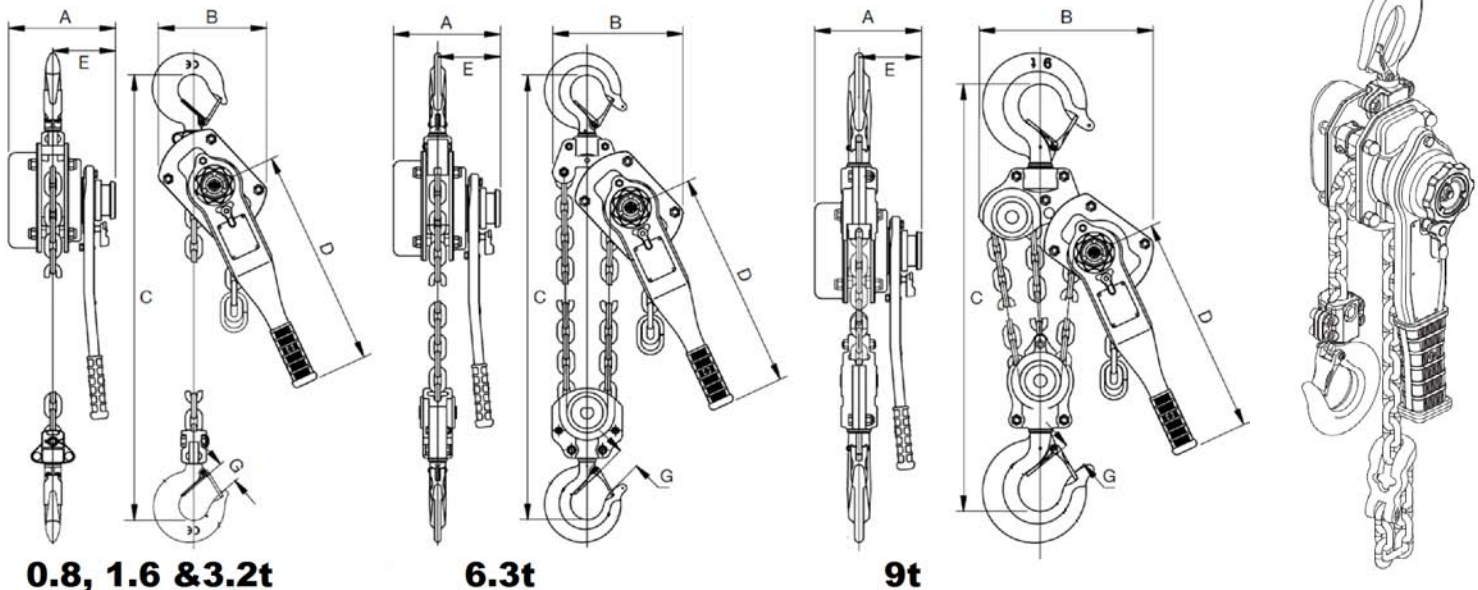


AS 1418.2
ASME B30.21
IMCA D028



Model	Capacity	Pull to Lift Rated Load (lbs.)	Load Chain Size	Chain Strands	Weight w/o Chain - lbs.	Dimensions (inches)							
						A	B	C	D	E	G	S	T
TUF-SRLH8	08t	60	5.6 x 15.7 mm	1	14.5	6.3	5.2	12.6	9.4	3.9	1.1	1.5	0.6
TUF-SRLH16	1.6t	71	7.1 x 19.9 mm	1	25	7.2	6.2	14.4	10.4	4.3	1.4	1.9	0.8
TUF-SRLH32	3.2t	77	10 x 28 mm	1	45	8.2	8.3	18.3	16.5	4.8	1.7	2.3	1.0
TUF-SRLH63	6.3t	80	10 x 28 mm	2	69	8.2	10.0	23.0	16.5	4.8	1.7	2.6	1.1
TUF-SRLH9	9t	86	10 x 28 mm	3	102	8.2	13.3	27.2	16.5	4.8	2.1	3.3	1.6

Final assembly, factory acceptance testing & proof load testing of imported components carried out in USA.



0.8, 1.6 & 3.2t

6.3t

9t

These trolleys are designed to suit a wide range of monorails and fabricated beams. They have many applications in the mining, oil & gas, heavy construction and marine industries.

MODEL: PT

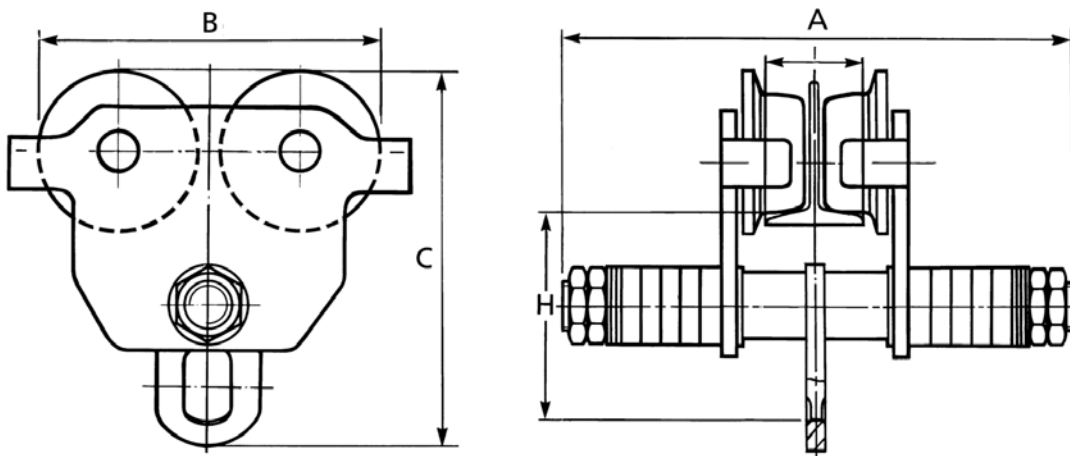
FEATURES:

- Strong rugged construction.
- Easily adjusted to any beam width within range.
- Powder coated paint finish.
- Precision ball bearing trolley wheels with machined tread for smooth operation.
- Conforms to ASME/ANSI B30 standards where applicable.



Model	Capacity	Adjustable Beam Width (inches)*	Dimensions (inches)				Minimum Radius Curve (ft)	Weight (lbs.)
			A	B	C	H		
TUF-PT.5	0.5 ton	* Call for specifications*						
TUF-PT10	1 ton	2.52 - 8.27	12.52	10.24	9.41	5.31	3.28	31
TUF-PT20	2 ton	3.46 - 8.27	13.19	11.81	11.26	6.34	3.61	46
TUF-PT30	3 ton	4.02 - 8.27	14.31	13.58	13.23	7.4	4.26	88
TUF-PT50	5 ton	4.49 - 8.27	15.07	15.55	15.47	8.66	4.59	113
TUF-PT100	10 ton	6.5 - 8.27	16.13	17.91	19.69	11.02	5.58	198
TUF-PT200	20 ton	6.5 - 8.27	19.5	25.48	24.5	12.4	15	502

* Trolleys fitted with extended range suspension pins for adjusting to beams with wider flange widths are available upon special request.

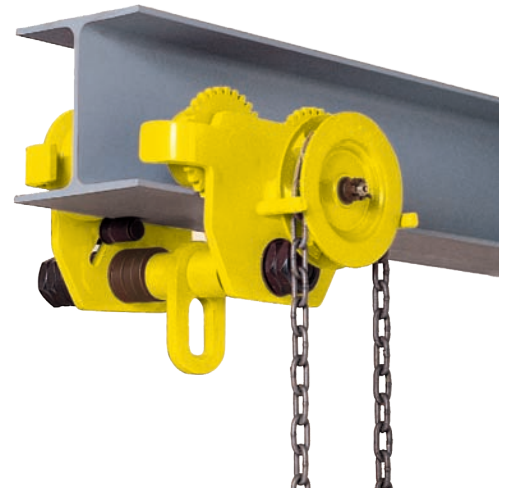


These trolleys are designed to suit a wide range of monorails and fabricated beams. They have many applications in the mining, oil & gas, heavy construction and marine industries.

MODEL: GT

FEATURES:

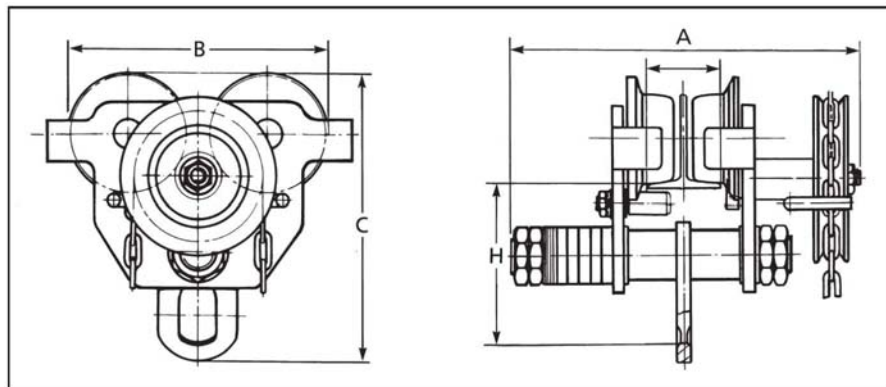
- Strong rugged construction
- Easily adjusted to any beam width within range
- Powder coated paint finish
- Precision ball bearing trolley wheels with machined tread for smooth operation
- Conforms to ASME/ANSI B30 standards where applicable



Item Number	Capacity	Adjustable Beam Width (Inches)	Clearance Dimensions (inches)				Minimum Radius Curve (feet)	Weight (lbs.)
			A	B	C	H		
TUF-GT10	1 ton	2.52 - 8.27	14.96	10.24	9.41	5.31	3.28	39.6
TUF-GT20	2 ton	3.46 - 8.27	15.35	11.81	11.26	6.34	3.61	59.4
TUF-GT30	3 ton	4.02 - 8.27	17.69	13.58	13.23	7.4	4.26	94.6
TUF-GT50	5 ton	4.49 - 8.27	18.25	15.55	15.47	8.66	4.59	132
TUF-GT100	10 ton	4.92 - 8.27	18.75	18.5	19.69	11.02	5.58	231
TUF-GT200	20 ton	4.92 - 8.27	18.43	25	19.69	13	15	502

NOTE: Please specify hand drop chain length when ordering.

* Trolleys fitted with extended range suspension pins for adjusting to beams with wider flange widths are available upon special request.



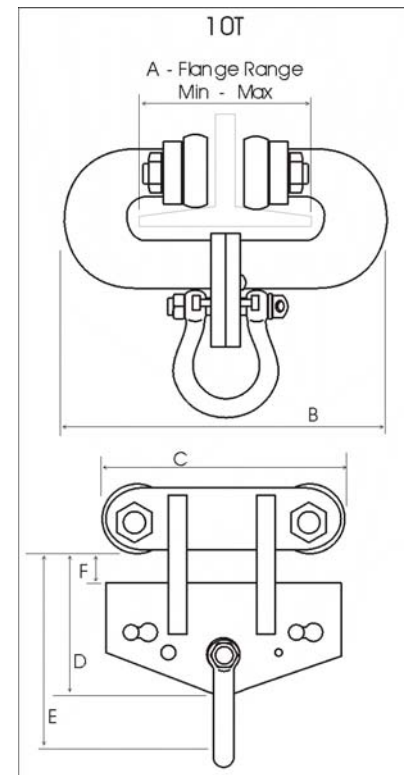
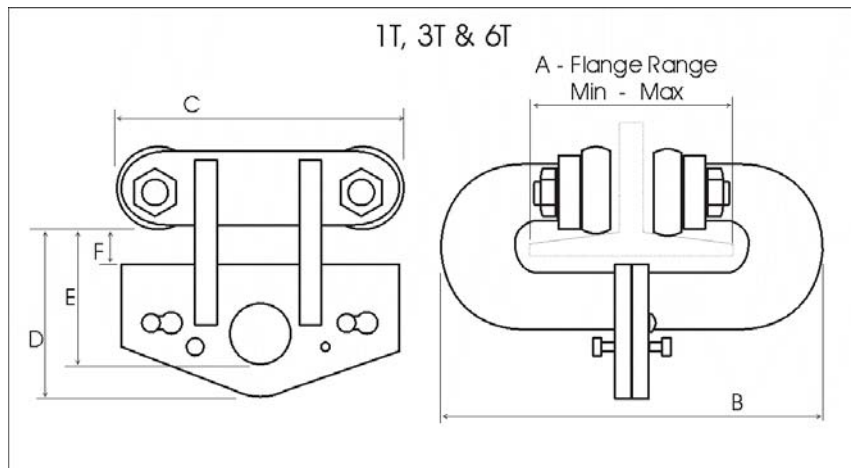
MODEL: V2

FEATURES:

- Quick and easy installation on beam -- No special tools required. No adjustment required. No spacers or nuts required.
- Lightweight and portable
- Fits "S" or "W" beams
- Low headroom design
- Tuffy Universal Trolleys are built to ASME B30.16 standards as applicable.



Model	Capacity	Dimensions (inches)							Weight (lbs)
		A		B	C	D	E	F	
		Min	Max						
TUF-T101-V2	1 ton	3	8.5	13.1	8.3	4.6	3.9	1.2	19.8
TUF-T301-V2	3 ton	4	8	13.3	10	6	5.1	1	44
TUF-T601-V2	6 ton	4	10	17.6	12.6	7.5	6.3	1.2	101.2
TUF-T1001-V2	10 ton	4	11	21	13	8.2	12.5	2.1	180.4



SCREWLOCK ADJUSTABLE TROLLEYS



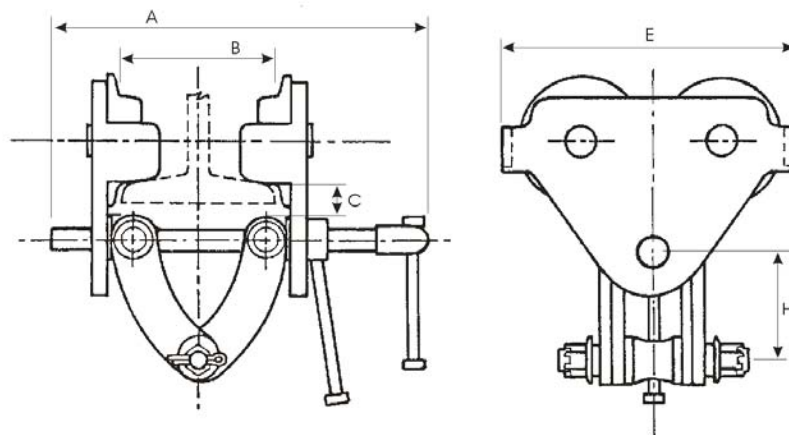
MODEL: AT

FEATURES:

- Hand push/pull beam trolley, easy to use, with ball bearing wheels
- Developed for moving from beam to beam in industrial applications with varying flange widths
- Adjusts to beam width by turning left and right hand adjusting bar fitted with T-Handle
- Fitted with width adjustment locking mechanism
- Wheel guards and anti-drop, anti-climb features
- Flange width adjustment accomplished with no special tools



Model	Capacity	Dimensions (inches)							Weight (lbs.)
		A	B		C	E	H		
			Min	Max			Min	Max	
TUF-AT1	1 ton	13.58	2.48	8.27	1.18	9.37	2.56	4.88	23.10
TUF-AT2	2 ton	13.58	2.99	8.27	1.54	10.87	2.56	4.88	27.50
TUF-AT3	3 ton	17.72	2.99	8.27	1.85	12.76	2.76	4.84	49.50
TUF-AT5	5 ton	18.11	3.94	12.01	2.24	13.78	2.91	6.30	92.50
TUF-AT10	10 ton	22.50	6.00	13.50	2.50	18.00	4.50	7.00	215.00



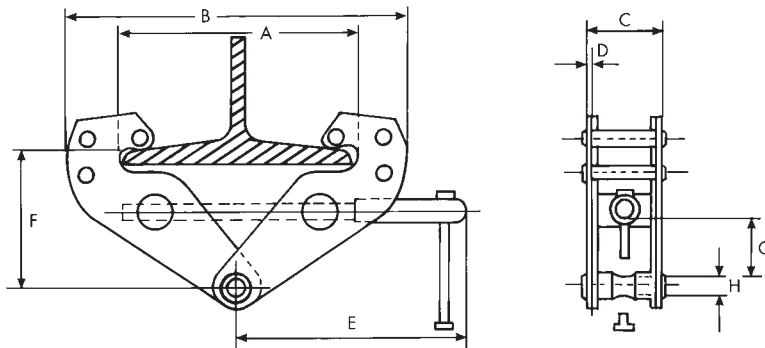
MODEL: GC

FEATURES:

- All steel construction
- Special design reduces flange stress
- Adjustable clamp ensures a secure fit for a range of beam and girder sizes
- Low headroom design



Model	Capacity	Adjustable Beam Width (inches)	Dimensions (inches)										Max Flange Thickness	Weight (lbs.)
			A	B		C	D	E	F		G	H		
				Min	Max				Min	Max				
GC1	1 ton	2.95 - 8.66	10.23	7.08	14.17	2.51	.19	8.46	4.01	6.10	.98	.86	0.75	10
GC2	2 ton	2.95 - 8.66	10.23	7.08	14.17	2.91	.23	8.46	4.01	6.10	.98	.86	0.75	11
GC3	3 ton	3.15 - 12.59	13.93	9.25	19.29	4.05	.31	10.23	5.5	8.85	1.77	.94	1	21
GC5	5 ton	3.15 - 12.59	13.93	9.25	19.29	4.33	.39	10.23	5.5	8.85	1.77	1.10	1.25	24.25
GC10	10 ton	3.15 - 12.59	14.37	12.59	19.88	4.72	.47	11.02	6.69	9.25	1.96	1.57	1.25	35.25
GC20	20 ton	9.84 - 17.32	20.48	19.68	27.68	9.45	0.63	16.97	15.59	13.78	4.02	2.76	2.48	132
GC30	30 ton	9.84 - 17.32	20.99	20.79	28.66	10.55	0.79	17.01	16.06	14.41	4.72	2.83	2.99	174



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