



## manual chain hoists

Tractel<sup>®</sup> offers different solutions for your lifting and pulling applications, including lever and chain hoists, trolleys and clamps with a wide variety of capacities.

# bravo®

## lever hoists

The bravo® lever hoist is ideal for industrial and building/civil engineering applications. This hoist is designed for pulling, lifting, positioning and adjusting loads in workshops and/or on building sites.

### STRONG

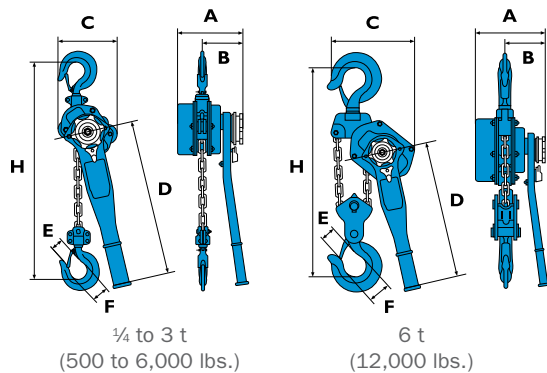
- The hoist and its components are made of high tensile alloy steel
- Excellent weight / capacity / size ratio

### SAFE

- Operates in temperatures between -40 and 140°F (-40 and 60°C)
- Working load limit of 500 to 12,000 lbs. (¼ to 6 t)
- 360° swivel hook with overload opening indicators
- Removable hook with latch marked with working load limit of the hoist
- Five sprocket load wheel with closed bearings
- Free wheel safety device activates braking mechanism when load applied in neutral position
- Meets or exceeds ASME B30.21C, *Manually Lever-Operated Hoist* code.

### OPTIONS

- Load limiter (except on 500 lbs. [¼ t])
- Shipyard hooks (for 3,000 and 6,000 lbs. [1½ and 3 t] only)
- Safety hooks



**Operates in temperatures  
between -40 and 140°F  
(-40 and 60°C)**

MODEL	¼ t	½ t	¾ t	1½ t	3 t	6 t	
<b>Capacity</b>	500 lbs. (250 kg)	1,000 lbs. (500 kg)	1,500 lbs. (750 kg)	3,000 lbs. (1,500 kg)	6,000 lbs. (3,000 kg)	12,000 lbs. (6,000 kg)	
<b>Standard lift</b>	Lengths available: 5, 10, 15, 20, 30 and 40 ft. (1.5, 3, 4.5, 6, 9 and 12 m)						
<b>Number of falls</b>	1	1	1	1	1	2	
<b>Effort on lever at capacity</b>	57.3 lbs. (26 kg)	68.3 lbs. (31 kg)	70.5 lbs. (32 kg)	16.8 lbs. (37 kg)	108 lbs. (49 kg)	138.9 lbs. (63 kg)	
<b>Load chain size</b>	4 x 12 mm	5 x 15 mm	6 x 18 mm	7 x 21 mm	10 x 30 mm	10 x 30 mm	
<b>DIMENSIONS</b>	<b>A</b>	3.6 in. (91 mm)	4.3 in. (110 mm)	5.8 in. (147 mm)	7 in. (178 mm)	8 in. (203 mm)	8 in. (203 mm)
	<b>B</b>	2.8 in. (70 mm)	3.1 in. (80 mm)	3.4 in. (87 mm)	4.1 in. (105 mm)	4.3 in. (110 mm)	4.3 in. (110 mm)
	<b>C</b>	2.8 in. (71 mm)	4.8 in. (122 mm)	5 in. (126 mm)	5.7 in. (146 mm)	7.6 in. (193 mm)	9.3 in. (235 mm)
	<b>D</b>	6.2 in. (157 mm)	9 in. (228 mm)	10.6 in. (268 mm)	14.5 in. (368 mm)	13.7 in. (348 mm)	13.7 in. (348 mm)
	<b>E</b>	0.8 in. (21 mm)	0.9 in. (23 mm)	1 in. (26 mm)	1.2 in. (31 mm)	1.6 in. (40 mm)	1.8 in. (45 mm)
	<b>F</b>	1.1 in. (28 mm)	1.4 in. (35 mm)	1.5 in. (37 mm)	1.8 in. (45 mm)	2.2 in. (55 mm)	2.6 in. (65 mm)
<b>H min.</b>	9.2 in. (233 mm)	12 in. (305 mm)	12.2 in. (310 mm)	14.2 in. (360 mm)	19.1 in. (485 mm)	24.4 in. (620 mm)	
<b>Unit weight with 10 ft. (3 m) lift</b>	4.4 lbs. (2 kg)	11 lbs. (5 kg)	15.4 lbs. (7 kg)	24.3 lbs. (11 kg)	46.3 lbs. (21 kg)	66.1 lbs. (30 kg)	

Overload devices are available.

# tralift®

## manual chain hoists

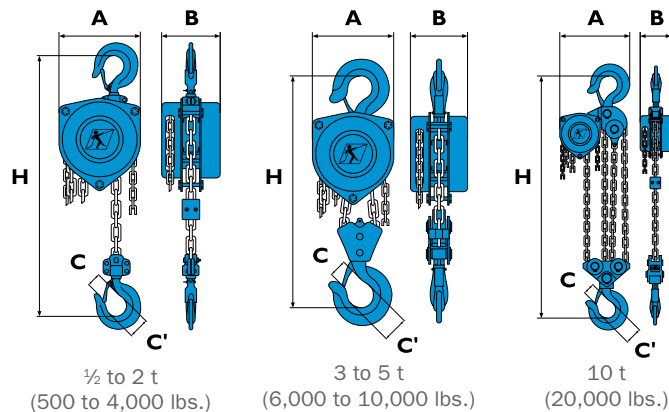
tralift® chain hoists are used to lift and transfer loads. The hoist is designed for permanent installation on a jib crane, or on motorized or non-motorized trolley or beam clamp or other suitable anchoring mechanism. They are suitable for handling relatively heavy objects while simultaneously reducing the physical effort of the user.

### FEATURES

- Operates in temperatures between -40 and 140°F (-40 and 60°C)
- Working load limit (WLL) of 500 to 40,000 lbs. (¼ to 20 t)
- 360° swivel hook with overload opening indicators
- Automatic brake with double pawl system
- Tested to 150% of WLL
- Optional load limiter
- Alloy load hook enables user to see if hook is deformed by overload
- Meets or exceeds ASME B30.16, *Overhead Hoist (underhung)* code

### OPTIONS

- Load limiter (except on ¼ and 1 t)
- Safety hooks



MODEL	¼ t	½ t	1 t	1½ t	2 t	3 t	5 t	10 t	20 t	
<b>Capacity</b>	500 lbs. (250 kg)	1,000 lbs. (500 kg)	2,000 lbs. (1,000 kg)	3,000 lbs. (1,500 kg)	4,000 lbs. (2,000 kg)	6,000 lbs. (3,000 kg)	10,000 lbs. (5,000 kg)	20,000 lbs. (10,000 kg)	40,000 lbs. (20,000 kg)	
<b>Standard lift</b>	Lengths available: 10, 15, 20, 30 and 40 ft.									
<b>Number of falls</b>	1	1	1	1	1	2	2	4	8	
<b>Effort on chain at capacity</b>	52.9 lbs. (24 kg)	50.7 lbs. (23 kg)	83.8 lbs. (38 kg)	90.4 lbs. (41 kg)	108 lbs. (49 kg)	94.8 lbs. (43 kg)	104.4 lbs. (46 kg)	105.8 lbs. (48 kg)	105.8 lbs. (48 kg)	
<b>Load chain size</b>	4 x 12 mm	5 x 15 mm	6 x 18 mm	7 x 21 mm	6 x 18 mm	7 x 21 mm	10 x 30 mm	10 x 30 mm	10 x 30 mm	
<b>Hand chain size</b>	3 x 15 mm	5 x 24 mm	5 x 24 mm	5 x 24 mm	5 x 24 mm	5 x 24 mm	5 x 24 mm	5 x 24 mm	5 x 24 mm	
<b>DIMENSIONS</b>	<b>A</b>	3.9 in. (100 mm)	5.2 in. (132 mm)	6.1 in. (156 mm)	7 in. (178 mm)	6.1 in. (156 mm)	7 in. (178 mm)	9 in. (229 mm)	15.6 in. (396 mm)	25.3 in. (642 mm)
	<b>B</b>	4.5 in. (110 mm)	5 in. (126 mm)	5.7 in. (146 mm)	6.3 in. (159 mm)	5.7 in. (146 mm)	6.3 in. (159 mm)	7.4 in. (188 mm)	7.4 in. (188 mm)	8.4 in. (214 mm)
	<b>C</b>	0.6 in. (15 mm)	0.9 in. (22 mm)	1 in. (25 mm)	1.1 in. (29 mm)	1.3 in. (33 mm)	1.4 in. (36 mm)	1.7 in. (42 mm)	2.2 in. (56 mm)	3 in. (75 mm)
	<b>H</b>	8.7 in. (220 mm)	13 in. (330 mm)	15 in. (380 mm)	17.7 in. (450 mm)	20.9 in. (530 mm)	23.6 in. (600 mm)	27.6 in. (700 mm)	36.2 in. (920 mm)	41.3 in. (1,050 mm)
<b>Unit weight with 10 ft. (3 m) lift</b>	7.1 lbs. (3.2 kg)	18.7 lbs. (8.5 kg)	24.3 lbs. (11 kg)	38.6 lbs. (17.5 kg)	39.7 lbs. (18 kg)	55.1 lbs. (25 kg)	97 lbs. (44 kg)	174.2 lbs. (79 kg)	392.4 lbs. (178 kg)	
<b>Weight for each add. 3.3 ft. (1 m) of chain</b>	1.1 lbs. (0.5 kg)	3.3 lbs. (1.5 kg)	3.7 lbs. (1.7 kg)	4.6 lbs. (2.1 kg)	5.5 lbs. (2.5 kg)	6.8 lbs. (3.1 kg)	11.7 lbs. (5.3 kg)	21.4 lbs. (9.7 kg)	42.8 lbs. (19.4 kg)	

Overload devices are available.

# corso<sup>®</sup>

## traveling trolleys

### FEATURES

- Working load limit (WLL) from 1,000 to 40,000 lbs. (½ to 20 t)
- Beam width from 2 to 12.6 in. (50 to 320 mm)
- Over-dimensioned flanges
- Wide-adjustment range
- Designed to minimize overhead loss
- Steel rollers mounted on bearings
- Double-threaded traverse bar with closed suspension eye (½ to 10 t push trolley and 1 to 20 t chain operated)
- Blocking of traverse bar, after adjustment by BTR screw
- Steel end stops shaped to serve as anti-derail bars
- Very low headroom
- Quick and easy assembly and adjustment with the removable handle (supplied as standard)
- Extended hanger bars available for wide flange—up to 11.8 in. (30 cm)



Push trolley  
½ to 10 t



Geared trolley  
1 to 20 t

WLL	BEAM WIDTH (STANDARD)	BEAM WIDTH (EXTENDED BAR)	WEIGHT	
			PUSH	GEAR
½ t	2-8.7 in. (50-220 mm)	6.3-12.6 in. (160-320 mm)	18.7 lbs. (8.5 kg)	-
1 t	2.3-8.7 in. (58-220 mm)	6.3-12.6 in. (160-320 mm)	23.1 lbs. (10.5 kg)	41.9 lbs. (19 kg)
2 t	3-8.7 in. (66-220 mm)	6.3-12.6 in. (160-320 mm)	39.7 lbs. (18 kg)	49.6 lbs. (22.5 kg)
3 t	2.9-8.7 in. (74-220 mm)	6.3-12.6 in. (160-320 mm)	70.5 lbs. (32 kg)	82.7 lbs. (37.5 kg)
5 t	3.5-8.7 in. (90-220 mm)	7.1-12.6 in. (180-320 mm)	106.9 lbs. (48.5 kg)	121.3 lbs. (55 kg)
10 t	5.6-12.6 in. (142-320 mm)	-	231.5 lbs. (105 kg)	253.5 lbs. (115 kg)
20 t	6-12.6 in. (153-320 mm)	-	-	560 lbs. (254 kg)

# corso<sup>®</sup>

## beam clamps



### CORSO<sup>®</sup> BEAM CLAMPS FOR MANUAL AND ELECTRIC HOISTS, ANCHOR POINTS OR LIFTING CLAMPS

- Working load limit (WLL) from 1 to 10 t
- Beam width from 3 to 12.6 in. (75 to 320 mm)
- Range of five models
- Compact and sturdy construction
- Simple and fast adjustment on "I" beam

MODEL	WLL	BEAM WIDTH	WEIGHT
LT 1B	1 t	3-9 in. (75-230 mm)	10.6 lbs. (4.8 kg)
LT 2B	2 t	3-9 in. (75-230 mm)	12.3 lbs. (5.6 kg)
LT 3B	3 t	3.1-13 in. (80-330 mm)	24.3 lbs. (11 kg)
LT 5B	5 t	3.1-13 in. (80-330 mm)	27.1 lbs. (12.3 kg)
LT 10B	10 t	3.1-12.6 in. (80-320 mm)	46.3 lbs. (21 kg)

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