

NEW!

Trolleys

Man Rider™, Plain and Brake



These 3 and 6 metric ton trolleys are designed specifically for the bridge retrofit and new construction market. These rugged and durable manual trolleys are offered with both utility and Man Rider ratings to fit a variety of bridge and scaffolding applications.

■ **Standard features**

- Incredibly tough, long-lasting cast iron wheels are through hardened for wear resistance. Tapered tread wheels are standard.
- Rail sweeps (safety lugs) standard.
- Axles and bearings have grease fittings for maximum life and corrosion resistance.
- Air activated “parking brake” on BT/M2-3 and 6 models.



BTP Trolley



BTM Trolley

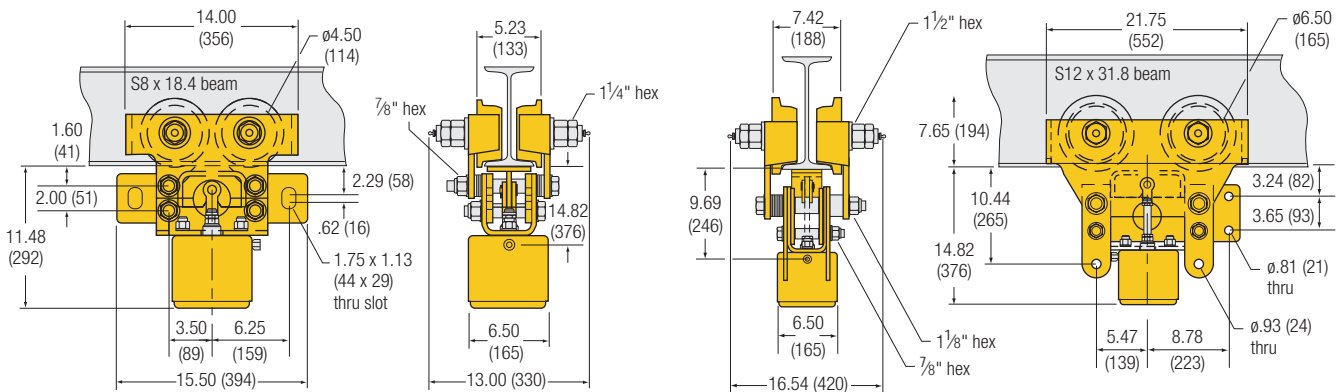
■ **Options**

- Flat tread wheels
- Special paint coatings
- Suspension shafts to fit a variety of beam types and widths

Specifications: BT/M2-3, BT/M2-6 and BTP-MR3/6 series

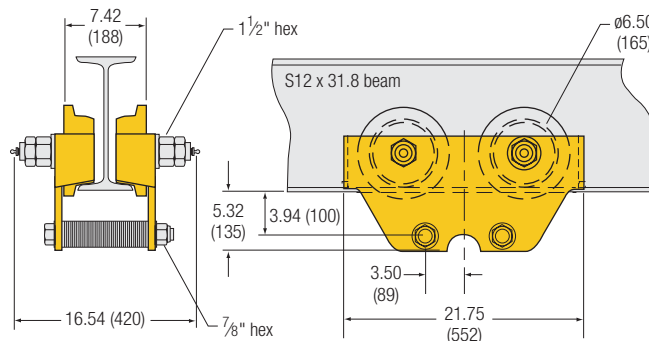
Base model	Utility load lbs (kg)	Design factor at utility load	Man-Rider load lbs (kg)	Design factor at M-R load	Flange adjustment in. (mm)	Inlet hose in.	Operating pressure psig (bar)	Parking brake (PB)		Min. beam curve radius in. (mm)		
								Type	Material		Horiz. hold cap.	min. hold-off pressure
BT/M2-3	6600 (3000)	5:1	3300 (1500)	10:1	3.80 – 4.20 (97–107)	1/4	85–125 (6–8.75)	Air release/spring set	non-asbestos	600 lbs (273 kg)	70 psig (4.9 bar)	48 (1219)
BT/M2-6	13200 (6000)	5:1	6600 (3000)	10:1	4.00–5.00 (102–127)	1/4	85–125 (6–8.75)	Air release/spring set	non-asbestos	600 lbs (273 kg)	70 psig (4.9 bar)	60 (1524)
BTP-MR3/6	13200 (6000)	5:1	6600 (3000)	10:1	4.00–5.00 (102–127)	na	na	na	na	na	na	60 (1524)

Dimensions



BT/M2-3

BT/M2-6



BTP/M3-6

Dimensions are subject to change. Contact factory for certified prints

NEW!

Trolleys

Man Rider™, Piston Motor Driven and 4-wheel drive



■ **ATC and ATE features and benefits:**

- Reintroduced by popular demand
- **Available with Man Rider™ rating** for scaffolds per ANSI / ASME B30.23.
- Reversible radial piston motor allows unmatched speed and load control.
- Drop forged connecting rods and crank pins add to the legendary IR durability.
- 4 wheel drive provides maximum traction and pulling power.
- Pendant control valve chest with proportional flow "live air" for precision control.
- Incredibly tough, long-lasting cast iron or steel wheels are through hardened. Tapered or flat tread available.
- Ductile iron side plates
- Rail sweeps (safety lugs) standard.
- Axles and bearings have grease fittings for maximum life and corrosion protection.



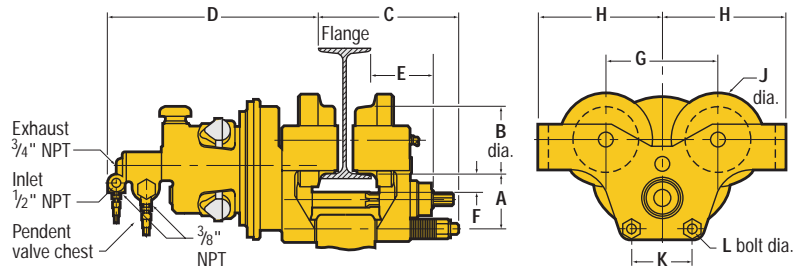
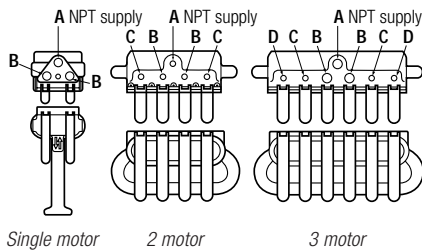
ATC Trolley

Specifications: ATC and ATE series @ 90 psi (6.3 bar)

Base model	Capacity metric tons	Control type	Tractive force lbs (kg)	Trolley speed @ loads in metric tons fpm (m/min)							Min. turn radius ft (mm)	Avg air consump cfm (m3/min)	Ship weight lbs (kg)
				1/4	1/2	1	2	3	5	6			
ATC	.25 – 3	Pendent	450 (205)	180 (55)	180 (55)	180 (55)	160 (49)	140 (43)	–	–	6 (1829)	63 (1.8)	245 (111)
ATC-MR15/3	1.5 Man Rider 3.0 Utility	Pendent	450 (205)	180 (55)	180 (55)	180 (55)	160 (49)	140 (43)	–	–	6 (1829)	63 (1.8)	245 (111)
ATE	4.5 – 6	Pendent	600 (273)	–	–	139 (42)	123 (38)	107 (33)	75 (23)	60 (18)	6 (1829)	63 (1.8)	254 (115)
ATE-MR3/6	3 Man Rider 6 Utility	Pendent	600 (273)	–	–	139 (42)	123 (38)	107 (33)	75 (23)	60 (18)	6 (1829)	63 (1.8)	254 (115)

Dimensions

Hoist capacity metric tons	Fits beam flange width in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	J in. (mm)	K in. (mm)	L in. (mm)
.25 – 3	3.25 – 7.25 (83 – 184)	4.56 (116)	4.75 (121)	10.25 (260)	16.13 (410)	4.88 (124)	1.63 (41)	8.5 (216)	9.06 (230)	7 (178)	4.75 (121)	0.88 (22)
4.5 – 6	3.25 – 7.25 (83 – 184)	4.63 (111)	6.25 (159)	13 (330)	16.38 (416)	5.19 (132)	1.5 (38)	9 (229)	10.13 (257)	8.13 (206)	7 (178)	1.13 (29)



Pendent handles

Type	Part no.	Dimensions (in.) (NPT air inlet)			
		A	B	C	D
Single motor	MR-269C	3/8	3/8	-	-
Two motor	MR-A122C	3/8	3/8	-	-
	C6H20A-A122B	1/2	1/2	3/8	-
Three motor	MR-A132C	3/8	3/8	3/8	3/8
	C6H20A-A132B	1/2	1/2	3/8	3/8

Choose the 2 or 3 motor pendent handle based on the air consumption requirements of the machine(s) being run.

Approximate air flow

NPT air inlet	scfm	m³/min
3/8 inch	100	2.83
1/2 inch	200	5.66

How to Order:

Dimensions are subject to change. Contact factory for certified prints

Specify trolley by complete model number as illustrated. This model includes: Base model, Wheel type, Manrider rating, Control, Control length, and Options. **Example:** ATC-MR15/3-210B = 1/4 - 3 ton trolley with tapered wheels, 3 ton utility and 1.5 ton Manrider rating, one motor pendent, 10 ft of control length and bumpers.

Base model	Wheel	Manrider	Controls	Control length	Options
ATC	-	MR15/3	2	10	B
ATC = 1/4 - 3 ton	-	Utility model std. (no option code req'd). Insert model code below for Man Rider option	0 = No pendent 2 = MR-K269C (std 1 mtr) 3 = C6H20A-A169B (1 mtr) 4 = MR-A122C (2 mtr) 5 = C6H20A-A122B (2 mtr) 6 = MR-A132C (3 mtr) 7 = C6H20A-A132B (3 mtr)	XX = Control drop; specify length in feet. 7 feet (2.1 m) is std.	B = Bumpers H = Hook-on adapter Q = Special paint; please specify P = Marine 812 finish Z = Sandblast and carbozinc primer
ATE = 4 1/2 - 6 ton	-	MR15/3: Utility rating, 3 ton; Man Rider, 1.5 ton MR3/6: Utility rating, 6 ton; Man Rider, 3 ton			
- = Tapered T = Flat tread					