

McLaughlin Hoist & Crane

1850 Larkin Williams Rd ~ Fenton, MO ~ 636.343.9700 ~ mclaughlin-hoist.com

Drive Tractors: Standard Monorail / Bridge Tractors

	Load To Be Pulled	15 (FPM)	20 (FPM)	25 (FPM)	35 (FPM)	55 (FPM)	70 (FPM)	90 (FPM)	110 (FPM)	140 (FPM)	170 (FPM)	200 (FPM)
T 1 4 4	2,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/2 HP
	3,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/2 HP	1/2 HP	1/2 HP
	4,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/2 HP	1/2 HP	3/4 HP	3/4 HP
	6,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/2 HP	1/2 HP	3/4 HP	3/4 HP		
	8,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/2 HP	1/2 HP	3/4 HP	3/4 HP			
	10,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/2 HP	1/2 HP	3/4 HP	3/4 HP				
	12,000 Lbs.	1/3 HP	1/3 HP	1/3 HP	1/2 HP	3/4 HP	3/4 HP					
	15,000 Lbs.	1/3 HP	1/3 HP	1/2 HP	1/2 HP	3/4 HP						

	Load To Be Pulled	15 (FPM)	20 (FPM)	25 (FPM)	35 (FPM)	55 (FPM)	70 (FPM)	90 (FPM)	110 (FPM)	140 (FPM)	170 (FPM)	200 (FPM)
T 1 5 0	6,000 Lbs.								3/4 HP	3/4 HP	1 HP	1 HP
	8,000 Lbs.							3/4 HP	3/4 HP	1 HP	1 HP	1-1/2 HP
	10,000 Lbs.						3/4 HP	3/4 HP	1 HP	1 HP	1-1/2 HP	1-1/2 HP
	12,000 Lbs.					3/4 HP	3/4 HP	1 HP	1 HP	1-1/2 HP	1-1/2 HP	
	15,000 Lbs.					3/4 HP	1 HP	1 HP	1-1/2 HP	1-1/2 HP		
	20,000 Lbs.	1/2 HP	1/2 HP	1/2 HP	3/4 HP	1 HP	1-1/2 HP	1-1/2 HP	1-1/2 HP			
	24,000 Lbs.	1/2 HP	1/2 HP	1/2 HP	3/4 HP	2 HP	1-1/2 HP	1-1/2 HP				
	30,000 Lbs.	1/2 HP	3/4 HP	3/4 HP	1 HP	1-1/2 HP	1-1/2 HP					
	35,000 Lbs.	1/2 HP	3/4 HP	1 HP	1 HP	1-1/2 HP						
	40,000 Lbs.	3/4 HP	3/4 HP	1 HP	1 HP	1-1/2 HP						

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Drive Tractors: Standard Standard & Optional Features

STANDARD FEATURES:

T-144 and T-150 MODELS

Capacity Range: 1 to 20-Ton
Speed Range: 15 FPM to 200 FPM
Beam Types: W-Shape, S-Shape and Patented Tracks
Std Flange Width for T-144: 2" to 8" (Adjustable)
Std Flange Width for T-150: 3-1/4" to 10" (Adjustable)
4 Ft Min. Radius Curve for T-144
6 Ft Min. Radius Curve for T-150
T-144 Model will pass through most monorail switches and interlocks
Worm Gear Drives
Tractor Motor is rated Continuous Duty (Suitable for VFD Operations above 15 Hz)
Tractor Motor is TEFC with Class B Insulation
Primary Voltages: 208, 230 or 460V-3PH-60HZ
NEMA 1 Enclosure for Indoor Service
Single Speed Controls: Rev Contactor, Transformer, Terminal Strip
Secondary Voltage: 115V
Adjustable Trolleys
Factory Balanced with Mounted Controls
Tow Bar with Hardware
Rubber Drive Wheel
Safety Orange Paint
ONE Year Warranty
Quality Construction
Made in the USA

OPTIONAL FEATURES:

T-144 and T-150 MODELS

Air Powered Tractor: Single or Variable Speed Operation 90 PSI
Primary Voltages: 575V (3-Phase), 115V or 230V (1-Phase)
Secondary Voltage: 24V
NEMA 12: Enclosure
NEMA 4: Weather-Proof Package
Pendant: 2, 4, 6 or 8 Button Stations
Radio Control Packages
VFD Control Packages: 2-Speed Bridge and/or Trolley
Inverter Duty Motors (Required for VFD Operations under 15 Hz)
TENV Motors
Guide Rollers for Curved Monorails
Hardened Wheels for Fast Speeds
Motor Brake
Soft Start
Mainline Contactor
Manual Disconnect
Branch Circuit Fuses: Mainline, Bridge and/or Trolley
Thermal Overload Relays and Motor Thermostats
Travel Limit Switches
Polyurethane Drive Wheel
Safety Lugs
Hand Geared Tractor
Free Wheeling Tractor – Electric or Manual
Positive Drive Mechanism, Chain and Sprocket or Rack and Pinion
Explosion Proof Features
Corrosion Resistant Features
High Temp/Hot Metal Features
FDA and Clean Room Features