

TOP-RUNNING END TRUCKS FEATURE COMPARISON (METS)



Features	ACI	Harrington	Yale	R&M
Capacity	1 to 50 Tons	1 to 10 Tons	7.5 to 15 Tons	1 to 15 Tons
Rail Size	ASCE# 25 to 60	Min. ASCE# 30 to 60	ASCE 25# to 80#	ASCE 30# to 60#
Wheels	5" to 20" diameter. Hardened to 450-500 BHN, the hardest in the industry.	3.74" to 9.84" diameter. Additional charge for hardened wheels.	4.5" to 10.2" diameter. Hardened to 300-320 BHN.	3.5" to 7 7/8" diameter. Hardened to 280 BHN.
Wheel Bearings	Sealed life-time bearings.	L10 bearing life for class C Cranes.	5,000 service hours for Class C. 10,000 service hours for class D.	5,000 service hours for Class C. 10,000 service hours for class D.
Axles	Fixed axle bores are aligned in one setup to ensure perfect wheel alignment. Axles are machined from carbon steel.	Fixed Axle Drive.	Rotating Axle Drive.	Rotating Axles Drive.
Construction	Channel fabricated to provide superior strength, rigidity and structural integrity.	ASTM Structural Tube.	ASTM Structural Tube.	ASTM Structural Tube.
Voltage	230/460V, 3 Phase , 60Hz.	230/460V, 3 Phase, 60hz.	230/460V, 3 Phase, 60Hz.	230/460V, 3 Phase, 60Hz.
Motor	30 minute rated with TENV class "F" insulation.	30 Minute rated sealed TENV Drives	30 Minute rated with class "F" insulation.	30 Minute rated with class "F" insulation
Brakes	Externally adjustable DC brakes allow for controlled deceleration. Adjustable up to 50% of rated motor torque.	Externally adjustable DC brakes allow for controlled deceleration. Adjustable up to 50% of rated motor torque.	AC disk brake, 50% torque.	Unknown type.
Control Panel	Optional. Control panels are NEMA 4/12 and include the mainline contactor, 115V control circuit transformer, bridge fusing and reversing contactor. UL508 approved.	Optional. Control panel is NEMA 1 with disconnect-switch, Main line contactor and electronic acceleration control.	Optional. NEMA 4/12 Control Panel with mainline contactor and fusing.	Optional. Nema 4 Control panel includes mainline, control contactors And disconnect switch.
Variable Drive	Optional addition with the ability for customizable speeds and ratio.	Optional addition.	Optional addition.	Optional addition.
Acceleration Control	Mechanical soft start is standard on all motors and allows for smooth acceleration from start to the full rated speed.	Control panel includes adjustable acceleration control which allows for manually setting the speed.	Only included with VFD option.	Additional charge.

TOP-RUNNING END TRUCKS

Models METS
METS-0815

ACI Hoist & Crane | 2721 NE 4th Ave Pompano Beach, FL 33064 | 1-888-4-A-HOIST



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FEATURE COMPARISON (cont'd)

Feature	ACI	Harrington	Yale	R&M
Disconnect Switch	Through the door disconnect rated by NEC 610.32 for added safety.	Through the door lock out disconnect switch.	Manual disconnect located in the control panel.	Door mounted.
CMAA	Class D. Loads approaching 50% of the rated capacity will be handled constantly during the working period. High speeds are desirable for this type of service with 10 to 20 lifts per hour, averaging 15 feet.	Class C.	Class C standard. Class D available as an option.	Class C standard. Class D available as an option.
Bumpers	High Impact rubber bumpers come as standard. Removable for easy replacement.	Come standard.	Heavy duty rubber bumpers come standard.	Come standard.
Rail Sweeps	Welded Rail sweeps and drop stops come as standard.	Come standard, welded.	Removable rail sweeps come standard.	Removable rail sweeps come standard.
Configuration	Available in push, geared and motorized.	Available in push, geared and motorized.	Available in push, geared and motorized.	Available in push and motorized.