

## FEATURE COMPARISON

\*Features taken from competitors' websites as of December 2014

Features	ACI	Harrington	Yale	R&M
<b>Capacity</b>	1 to 50 Tons	1 to 10 Tons	7.5 to 15 Tons	1 to 15 Tons
<b>Rail Size</b>	ASCE# 25 to 60	Min. ASCE# 30 to 60	ASCE 25# to 80#	ASCE 30# to 60#
<b>Wheels</b>	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.
<b>Wheel Bearings</b>	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.
<b>Axles</b>	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.
<b>Construction</b>	Channel fabricated to provide superior strength, rigidity and structural integrity.	ASTM Structural Tube.	ASTM Structural Tube.	ASTM Structural Tube.
<b>Voltage</b>	230/460V, 3 Phase , 60Hz.	230/460V, 3 Phase, 60hz.	230/460V, 3 Phase, 60Hz.	230/460V, 3 Phase, 60Hz.
<b>Motor</b>	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
<b>Brakes</b>	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.
<b>Control Panel</b>	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.
<b>Variable Drive</b>	Optional addition with the ability for customizable speeds and ratio.	Optional addition.	Optional addition.	Optional addition.
<b>Acceleration Control</b>	Mechanical soft start comes standard on slow motors; it checks the initial rush of the current to the motor 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 | 954.367.6116



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# FEATURE COMPARISON (cont'd)

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Feature	ACI	Harrington	Yale	R&M
<b>Disconnect Switch</b>	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.
<b>CMAA</b>	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.
<b>Bumpers</b>	High Impact rubber bumpers come as standard. Removable for easy replacement.	Come standard.	Heavy duty rubber bumpers come standard.	Come standard.
<b>Rail Sweeps</b>	Rail sweeps and drop stops come as standard. Bolted on for easy removal and replacement.	Come standard, welded.	Removable rail sweeps come standard.	Removable rail sweeps come standard.
<b>Configuration</b>	Available in push, geared and motorized.	Available in push, geared and motorized.	Available in push, geared and motorized.	Available in push and motorized.