

FEATURE COMPARISON

*Features taken from competitors' websites as of October 2013

Features	ACI	Harrington	Yale	R&M
Capacity	1 to 15 Tons	2 to 5 Tons	5 to 10 Tons	3 to 15 Tons
Wheels	5" to 12" diameter. Hardened to 450-500 BHN, the hardest in the industry. Combination tread rides on "W" and "S" beams.	3.74" to 9.84" diameter. Hardened wheels are an additional charge.	6 1/2" to 8" diameter. Hardened to 300-320 BHN.	3 5/32" to 7 7/8" diameter. Hardened to 280 BHN.
Wheel Bearings	Sealed life-time bearings.	5,000 service hours for Class C.	5,000 service hours for Class C.	5,000 service hours for Class C.
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.	230/460, 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 with class "F" insulation	30 Minute rated with class "F" insulation.	30 Minute rated with class "F" insulation
Control Panel	Control panels are NEMA 4/12 and include the mainline contactor, 115V control circuit transformer, bridge fusing and reversing contactor.	Control panel is NEMA 1 with disconnect-switch and electronic acceleration control.	NEMA 4/12 Control Panel with mainline contactor and fusing.	Control panel includes mainline and control contactors.
Variable Drive	Optional addition with the ability for customizable speeds and ratio.	Optional addition.	Optional addition.	Optional addition.
Acceleration Control	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.	Adjustable acceleration control which allows for manually setting the speed.	Only included with VFD option.	Additional charge.
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.	Unknown

UNDER-RUNNING END TRUCKS

Models MEUS

MEUS-0815

ACI Hoist & Crane | 2721 NE 4th Ave Pompano FL, 33064 | 954.367.6116



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FEATURE COMPARISON (cont'd)

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Feature	ACI	Harrington	Yale	R&M
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.	Class C.
Bumpers	High Impact rubber bumpers come as standard. Removable for easy replacement.	Come standard.	Additional charge.	Additional charge.
Rail Sweeps	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.
Configurations	Available in push, geared and motorized.	Available in push, geared and motorized.	Available in push, geared and motorized.	Available in push and motorized.