






# WIRE ROPE HOIST COMPARISON

WIRE ROPE HOISTS	YALE Y80 SHAW-BOX 800 SERIES	YALE YK SHAW-BOX SK STAHL SH	YALE CABLE KING	YALE LODEKING LT	STAHL AS
					
FEATURES					
Capacity Range	1/2 Ton thru 5 Ton	1/2 Ton thru 55 Ton	1/2 Ton thru 35 Ton	10, 15, 20, and 25 Ton	6.3 Ton thru 135 Ton
Metric Rated	Optional	Optional	Optional on Most Models	Optional	Optional
Power Application	Electric & Air	Electric	Electric & Air	Electric	Electric
Electric Power Supplies	230/460V (3 phase)	208/230V & 460V & 575V <sup>1</sup> (3 phase)	208V thru 575V (3 phase)	208V thru 575V (3 phase)	208V thru 720V (3 phase)
Design & Service Class	ANSI/ASME H4	H4 / M5 (ISO) Some Models meet M6 (ISO)	ASME/HMI Class H4 CMAA Class C or D on TB & TR Models	ANSI/ASME H4 CMAA Class D	H2 thru H4 / M3 thru M6 (ISO)
Reeving	Single & Double (TVL)	Single & Double (TVL)*	Single & Double (TVL)	Double (TVL)	Single & Double (TVL)
Standard Hoist Control	1-Speed	2-Speed	1-Speed	Flux Vector VFC	2-Speed
Optional Hoist Control	VFC (2-speed preset or 2-speed infinitely variable)	VFC (2-step preset or 2-speed infinitely variable) or Flux Vector VFC	2-Speed, VFC, Flux Vector VFC	N/A	Flux Vector VFC
Hoist Gearing	Helical/Spur	Helical	Spur	Helical	Helical/Spur
Hoist Motor Brake	AC Disc Type	DC Disc Type	AC Disc Type	DC Disc Type	DC Disc Type
Hoist Load Brake	Weston Mechanical	Electric/Regenerative Braking   Optional Intercept Ratchet Drum Brake	Weston Mechanical or Electric/Regenerative Braking	Electric/Regenerative Braking	Electric/Regenerative Braking   Optional Intercept Ratchet Drum Brake
Hoist Limit Switch	Upper Block Control Circuit Optional Geared	Geared Upper & Lower Block Control Circuit	Geared Upper & Lower Upper Block with Reverse Plugging	Geared Upper & Lower Upper Block Control Circuit Type	Geared Upper & Lower Block Control Circuit
Standard Hoist Enclosure Rating	NEMA 1	IP55	NEMA 4/12	NEMA 4/12	IP55
3rd Party Approval	Hoist Enclosure: Optional UL	Hoist Enclosure: UL508A	Hoist Enclosure: Optional UL or CSA Ready	Hoist Enclosure: Optional UL or CSA Ready	Hoist Enclosure: UL508A*
Warranty	1 Year	3 Years	1 Year	1 Year	1 Year
SUSPENSION OPTIONS					
Hook	Single Swivel Hook available on limited TVL Models				
Lug	X		X		
Push Trolley	X	X	X		
Geared Trolley	X		X		
Underhung Motorized Trolley	Standard headroom and standard headroom swivel	Standard headroom or standard headroom swivel, Low headroom**	Standard headroom or standard headroom swivel		Special*
Top-Running Motorized Trolley		X	X	X	X
Deck/Base	Base Only	X	X	Deck Only	X