Order Picker
Comparative Evaluation

Truck Model				
Test Parameter		Hyster (24v) R30XM$_2$	Raymond (24v) EASI OPC030TT	Crown (24v) SP3020-30
Energy Consumption		4.3 amp hours/cycle	5.4 amp hours/cycle	4.6 amp hours/cycle
Travel Speeds				
Empty Forward				
Travel Speed		6.0 mph	6.08 mph	6.05 mph
Current Draw		97 amps	100.7 amps	80 amps
Loaded Forward				
Travel Speed		5.50 mph	5.81 mph	5.22 mph
Current Draw		129 amps	164 amps	92 amps
Empty Reverse				
Travel Speed		6.03 mph	5.51 mph	5.82 mph
Current Draw		92 amps	97.3 amps	74 amps
Loaded Reverse				
Travel Speed		5.61 mph	5.57 mph	5.08 mph
Current Draw		124 amps	118.7 amps	88 amps
Acceleration				
Empty				
0-25 feet	Fwd	4.84 sec	3.84 sec	5.17 sec
	Rev	4.76 sec	4.93 sec	5.23 sec
0-50 feet	Fwd	7.10 sec	7.68 sec	8.22 sec
	Rev	7.07 sec	7.80 sec	8.32 sec
0-75 feet	Fwd	10.23 sec	10.21 sec	11.44 sec
	Rev	10.24 sec	10.77 sec	11.26 sec
0-100 feet	Fwd	12.76 sec	12.74 sec	14.11 sec
	Rev	12.69sec	13.73 sec	14.36 sec
Loaded				
0-25 feet	Fwd	4.88 sec	5.75 sec	5.59 sec
	Rev	4.71 sec	5.91 sec	5.47 sec
0-50 feet	Fwd	8.23 sec	9.05 sec	9.14 sec
	Rev	8.05 sec	8.91 sec	9.21 sec
0-75 feet	Fwd	11.41 sec	11.85 sec	12.77 sec
	Rev	11.57 sec	11.93 sec	12.76 sec
0-100 feet	Fwd	14.4 sec	14.48 sec	15.95 sec
	Rev	13.95 sec	14.44 sec	16.15 sec

Order Picker
Comparative Evaluation

Truck Model			
Test Parameter	Hyster (24v) $R30XM_2$	Raymond (24v) EASI OPC030TT	Crown (24v) SP3020-30
Hoist Performance			
Lift Speed Empty	65.03 fpm	56.31 fpm	63.35 fpm
Current Draw	240 amps	235 amps	284 amps
Lift Speed Loaded	45.46 fpm	34.23 fpm	42.36 fpm
Current Draw	402 amps	404 amps	452 amps
Lowering speed			
Empty	68.0 fpm	74.76 fpm	80.10 fpm
Loaded	68.0 fpm	85.21 fpm	78.47 fpm
Sound Test			
@ Ear			
Lift Loaded	74-65 dBA	60-57 dBA	65-69 dBA
Lift Unloaded	68-56 dBA	65-56 dBA	72-58 dBA
Travel Loaded	67-72 dBA	74-76 dBA	63-65 dBA
Travel Unloaded	69-71 dBA	66-68 dBA	66-67 dBA

The previous two pages represent comparative data between the Hyster $R30XM_2$ and the competition. The tests were performed by the WPDC (Warehouse Product Development Center) Engineers in Greenville, N.C. using units that represent the very latest models by both Raymond and Crown. As can be seen from the test data results, the Hyster $R30XM_2$ performs head to head with both the Raymond OPC30TT and the Crown SP3020-30 order pickers. In most cases, the $R30XM_2$ out performed the competition, and used the least amount of energy consumption (battery discharge). The test data speaks for itself, as does the R30XM2.

Note: The data highlighted in yellow represents a Hyster $R30XM_2$ advantage.