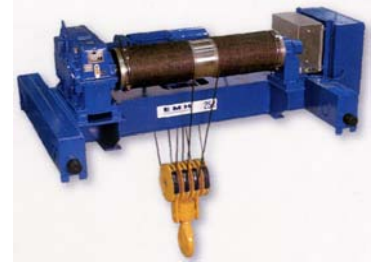


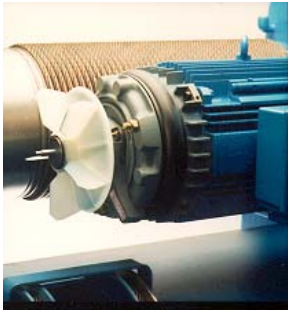


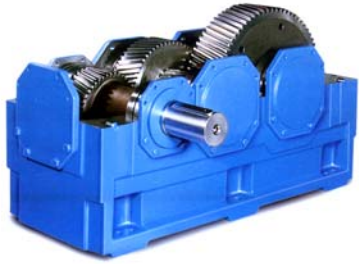

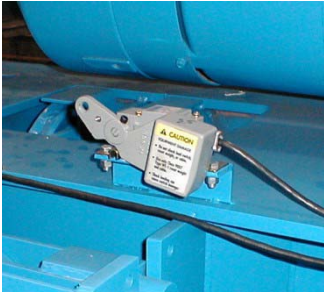
Features, Advantages and Benefits of EMH Engineered Hoists



Feature	Advantage	Benefits
<p data-bbox="235 443 479 474">Inverter Controls</p> 	<p data-bbox="646 443 1008 491">Infinitely variable speed control of all motions.</p> <p data-bbox="646 512 948 537">Initial start shock is minimized.</p> <p data-bbox="646 558 948 583">Over 50% overspeed capability</p>	<ul style="list-style-type: none"> <li data-bbox="1122 443 1468 491">* Lifting and lowering can be executed safely and precisely <li data-bbox="1122 522 1386 548">* Prolonged motor life <li data-bbox="1122 579 1403 604">* Increased productivity <li data-bbox="1122 636 1468 684">* Well suited for Class D and E applications
<p data-bbox="235 863 451 961">Severe Demand Hoist Motors</p> 	<p data-bbox="646 863 1068 940">EMH hoist motors are designed and built to meet the most exacting demands of hoisting service.</p> <p data-bbox="646 961 1078 1039">They are well suited for the frequent reversal and high torque of heavy-duty crane applications.</p> <p data-bbox="646 1060 1089 1165">The inverter duty motor is equipped with an encoder for closed loop speed regulation. This compact feedback mechanism is directly coupled to the motor.</p>	<ul style="list-style-type: none"> <li data-bbox="1122 863 1386 888">* Trouble Free Service <li data-bbox="1122 919 1273 945">* Longevity
<p data-bbox="235 1310 418 1381">DC Rectified Disc Brakes</p> 	<p data-bbox="646 1310 1084 1444">A DC rectified magnet actuated disc brake is automatically applied in the event of a power failure. These self-compensating and virtually maintenance free brakes are provided with asbestos-free, non-polluting linings.</p>	<ul style="list-style-type: none"> <li data-bbox="1122 1310 1516 1358">* Operate millions of times without adjustment <li data-bbox="1122 1390 1468 1415">* Reduce service requirements <li data-bbox="1122 1446 1354 1472">* Provide longevity


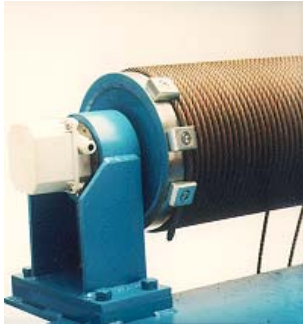

Features, Advantages and Benefits of EMH Engineered Hoists



Feature	Advantage	Benefits
<p>Gear Box</p> 	<p>Unibody design allows many combinations of ratios, speeds and capacities</p>	<p>* Adaptable for a wide range of applications.</p>
<p>Geared Limit Switch</p> 	<p>A geared limit switch with one lower and two upper limits is standard.</p> <p>Easily adjustable, the switch brings the load hook to a positive stop at any desired position in both hoisting and lowering directions.</p>	<p>* Safe operation</p> <p>* Eliminate slack cable conditions</p> <p>* Prevent rope from unraveling</p>
<p>Weight Operated Limit Switch</p> 	<p>Addition safety feature used in addition to gear limit switch.</p>	<p>* Protects bottom block and load at upper limit.</p>



Features, Advantages and Benefits of EMH Engineered Hoists



Feature	Advantage	Benefits
<p>Encoder</p> 	<p>Provides feedback from motor to inverter control.</p>	<ul style="list-style-type: none"> * Smooth, reliable operation.
<p>Wire Rope and Drum</p> 	<p>Drum is of seamless steel tube construction with precision-machined grooves.</p> <p>At least two wraps of rope remain on the drum when the hook is fully lowered.</p> <p>Our rope is of IWRC (Independent Wire Rope Core) construction for excellent strength and crush resistance.</p>	<ul style="list-style-type: none"> * Longer rope life * Requires less maintenance * Prevents rope from being unbraided and cut * Protects operator from injury *
<p>4/2, 8/2 or 12/2 Standard Reeving</p> 	<p>Assures high capacity.</p> <p>Provides "True Vertical Lift" (TVL).</p>	<ul style="list-style-type: none"> * Enables precise lifting and lowering of heavy load * Increases productivity * Prevents damage to loads

Features, Advantages and Benefits of EMH Engineered Hoists



Feature	Advantage	Benefits
<p>Trolley Drive</p> 	<p>The trolley endtrucks, as with other EMH endtrucks, are direct drive, with fully enclosed gearing and inverter controlled motors for unlimited speed variation.</p>	<ul style="list-style-type: none"> * Increased reliability, simplified maintenance * Precise control of all hoist motions
<p>Wheels</p> 	<p>Both the bridge and trolley wheels are spheroidal castings impregnated with graphite. This means that as they roll, they also lubricate, protecting both the runway rails and the wheels from wear. Our wheel design is unlike any other in the industry. Simple yet rugged, it allows quick and easy wheel removal without special tools. There is no axle to undress.</p> <p>The tapered lock system eliminates the need for press fit and a keyway on the axle.</p>	<ul style="list-style-type: none"> * Years of trouble free service * Long life and high overload capacity * No special tools or technicians required for wheel removal * Tapered lock makes removal simple and efficient. * Smooth and quiet operating characteristics with the high dampening effect of cast wheels