ENGINEERED

EH-SERIES

SPECIALTY LIFTING SOLUTIONS

Ideal for jobs requiring more than off-the-shelf units, EH-Series hoists outperform competitive units in demanding and specialty lifting applications. EH-Series hoists are specifically designed to meet critical headroom, speed, duty-cycle, envelope and operational requirements.

PROVEN DESIGNS INCREASE RELIABILITY

EH-Series hoist designs are based on units already in operation and incorporate the best features from earlier designs, the latest technology and years of focused industry experience to set a new standard for performance and reliability.

STANDARD COMPONENTS AVAILABLE WORLDWIDE

To ensure serviceability around the globe, David Round's engineered hoists are built using readily available standard components like modular gearboxes, off-the-shelf motors and brakes and common electrical components built by international manufacturers.

WIRE ROPE HOISTS

DR
DAVID ROUND
ENGINEERED HANDLING SOLUTIONS
SINCE 1869

32405 Aurora Road · Solon, Ohio 44139 · Tel (440) 248-4700 · Fax (440) 248-8544 · www.davidround.com · info@davidround.com

ENGINEERED WIRE ROPE HOISTS

HOIST APPLICATIONS

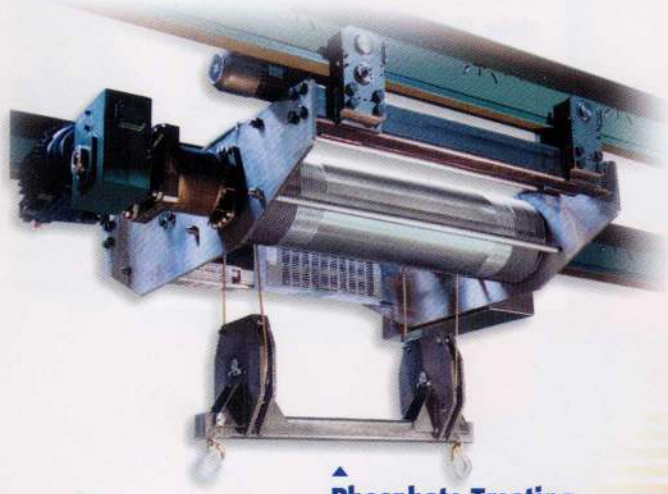
Continuous operation	Long lift
Twin hook	High temperature
Explosion-proof	Side loading
Spark-resistant	Shock loading
Stainless steel	Tight radius
Low headroom	Limited space
Man-rated	Orange peel
Hot metal	DC
Clamshell bucket	Retrofit / replacement

Paper Converting
- 5-Ton hoist with 17in. headroom
- AC inverter
- Motorized articulating trolley
- Cross-mounted drum

Foundry / Metal Casting
- AC inverter
- 15° Side loading
- Rope guide
- Pivoting dead end
- Trolley guides

Wastewater Treatment
- 3/4 Cu. Yard bucket
- Dual independent rope drums
- Articulating trolleys with tractor drive
- Epoxy paint

Galvanizing
- Air-powered
- 0 to 50 FPM variable lift speed
- Articulating patented track trolley
- Lever control



Phosphate Treating
- Flux vector drive
- True vertical lift with dual hooks
- Double under-running trolleys with AC inverter

AVAILABLE ENGINEERED HOIST FEATURES

- Variable speed AC inverter drives
- Flux vector motor control packages
- Manual and motorized trolleys
- Power heads / articulating hoist carriers
- Electric, air and hydraulic motors
- Load limiters
- Motor and mechanical brakes
- Single, two and variable speed operation
- 8:1 Design factor (5:1 standard)
- Stainless steel components
- Epoxy paint
- Heater package
- Radio remote control operation
- Paddle and rotary style limit switches
- NEMA 12 / 4 / 4X / 7 / 9 enclosures
- Class B, F & H motor insulation
- Visual alarms / beacons
- Restraining lugs
- Bumpers
- Mainline contactor

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