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.
**ENGINEERED 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

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**PAPER CONVERTING**

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

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**FOUNDRY / METAL CASTING**

- AC inverter
- 15° Side loading
- Rope guide
- Pivoting dead end
- Trolley guides

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**WASTEWATER TREATMENT**

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

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**GALVANIZING**

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

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**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

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**PHOSPHATE TREATING**

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

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**DAVID ROUND**

ENGINEERING HANDLING SOLUTIONS

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