

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



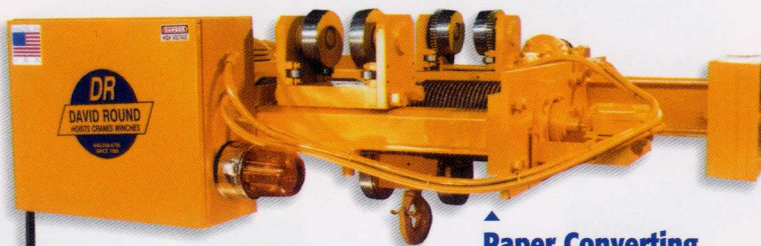
32405 Aurora Road • Solon, Ohio 44139 • Tel (440) 248-4700 • Fax (440) 248-8544 • www.davidround.com • info@davidround.com

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 |



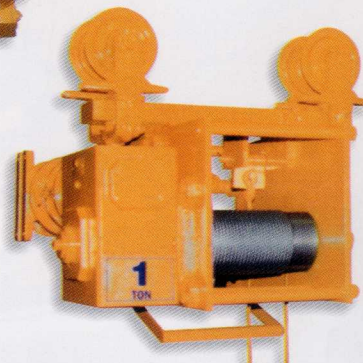
Paper Converting

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



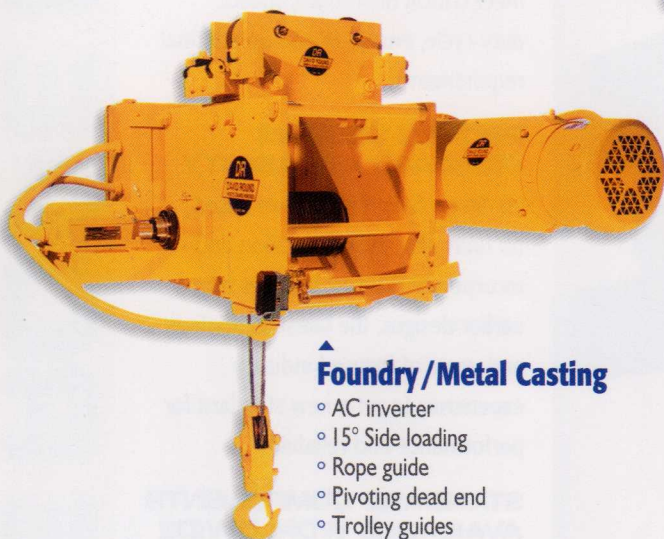
Wastewater Treatment

- 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

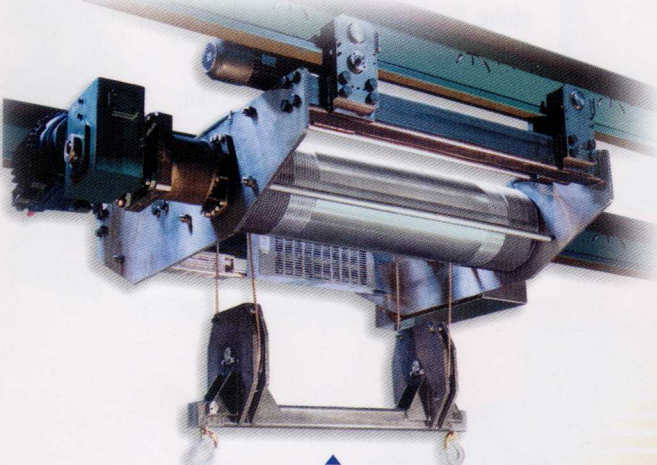


Foundry/Metal Casting

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

AVAILABLE ENGINEERED HOIST FEATURES

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



Phosphate Treating

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