



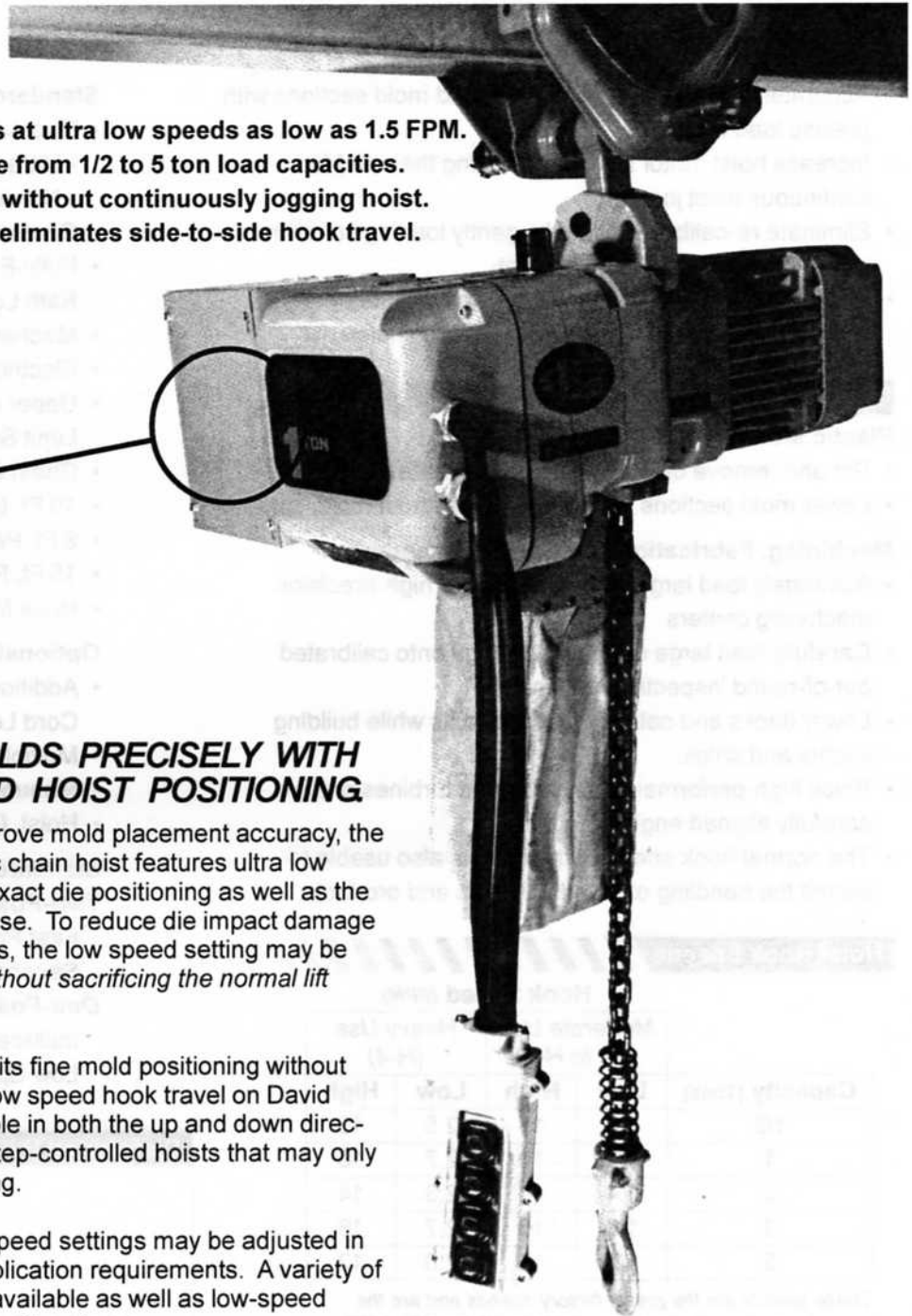
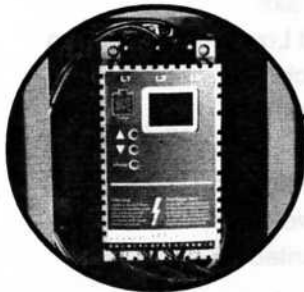
ELECTRIC CHAIN HOIST

DIE-SETTER

NEW!

September 21, 2000

- Position and handle dies at ultra low speeds as low as 1.5 FPM.
- Various models available from 1/2 to 5 ton load capacities.
- Position loads precisely without continuously jogging hoist.
- True vertical lifting path eliminates side-to-side hook travel.



SET DIES AND MOLDS PRECISELY WITH ULTRA LOW SPEED HOIST POSITIONING

Specifically designed to improve mold placement accuracy, the two-speed die-setter electric chain hoist features ultra low speed hook movement for exact die positioning as well as the standard speed for normal use. To reduce die impact damage and shock loading conditions, the low speed setting may be set to 1.5 feet per minute *without sacrificing the normal lift speed of the hoist.*

The low speed feature permits fine mold positioning without continuous hoist jogging. Low speed hook travel on David Round's die-setter is available in both the up and down directions unlike other creep or step-controlled hoists that may only lower at the low speed setting.

Both the standard and low speed settings may be adjusted in the field to meet specific application requirements. A variety of pendant configurations are available as well as low-speed trolleys, jib cranes and monorail systems.



Also available from David Round:
Air hoists, free-standing jib cranes and specialty cranes designed for integration with existing equipment.



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Benefits

- Accurately align mating equipment and mold sections with precise load control.
- Increase hoist motor life by eliminating the need for continuous hoist jogging.
- Eliminate re-calibration time by gently loading sensitive testing and measuring equipment.
- Replace expensive air-powered hoists with this economical ultra low-speed electric chain hoist.

Applications

Plastic Molding and Metal Forming

- Set and remove dies slowly to ensure safe handling.
- Lower mold sections onto guide pins without misalignment.

Machining, Fabrication and General Assembly

- Accurately load large work pieces onto high-precision machining centers.
- Carefully load large diameter turnings onto calibrated out-of-round inspection stations.
- Lower decks and cabins onto boat hulls while building yachts and ships.
- Place high-performance engines and turbines onto carefully aligned engine mounts.
- The normal hook speed of the hoist is also usable to permit the handling of standard loads and products.

Hoist Hook Speeds

Hook Speed (FPM)

Capacity (Tons)	Moderate Use (Up to H-3)		Heavy Use (H-4)	
	Low	High	Low	High
1/2	1.5	15	2.5	15
1	1.6	16	2.7	16
2	1.4	14	2.3	14
3	1.6	16	2.7	16
5	1.2	12	2.0	12

These speeds are the preset factory speeds and are the fastest and slowest speeds available for the specific hoist capacity and level of use. However the low speed setting may be increased and the high speed setting may be decreased in the field to meet specific application requirements.

Standard Features

- Two Adjustable Hoist Speeds
 - Ultra Low Speed
 - Normal Speed
- Controls with AC Inverter Drive
- Fully-Enclosed Gearing with Oil Bath Lubrication
- Mechanical Brake
- Electric Brake
- Upper and Lower Hook Position Limit Switch
- Chain Container
- 10 Ft. Lift Height
- 8 Ft. Pendant Cord
- 15 Ft. Power Cord
- Hook Mounted

Optional Features

- Additional Lift Heights and Pendant Cord Lengths
- Multiple-Speed Versions
- Manual and Motorized Trolleys
- Hoist, Crane and Monorail Packages

Standard Pendant Configurations

Two-Position Up/Down Buttons

- First Position - Ultra Low Speed
- Second Position - Normal Speed

One-Position Up/Down Buttons

Includes Selector Switch for Ultra Low Speed / Normal Speed Mode

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