

# Material Handling Solutions

MHS-2009-020

**Model:** LC2A030DIP/D07089

**Application:** Clean room hoist for pharmaceutical company. Customer required a 2 ton capacity "food grade" type hoist which was twice the capacity that IR currently offered.

**Solution:** Modified/de-rated the LC2A 3t Liftchain air hoist with food grade, and corrosion resistant components, including special USDA approved oils in the gearbox.

## Product Specifications

**Power Source:** Air

**Capacity:** 2 metric tons (4400 lbs) at 5:1 Design Factor

**Speed:** Approximate Lifting & Lowering Speed: 10 fpm

**Chain Size:** DIN 8 x 24

**Lift:** 3M (10 feet). 90psi @ 150 scfm

**Chain Falls:** 2

**Air Supply:** 90psi @ 150 scfm

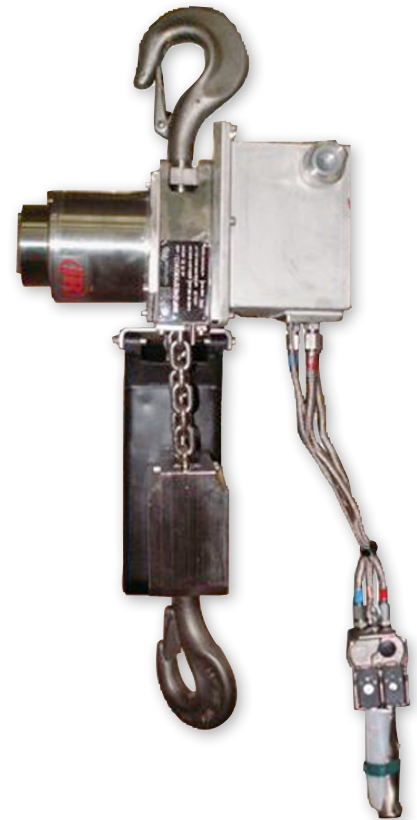
**Pendant:** Nickel-Plated 2-button, with 2M (6 feet) of drop using FDA approved air hose

**Brake:** Automatic, Spring-Set Disc

**Motor:** Lube-Free Gear Type with provisions for piped-away exhaust

**Gearbox:** Fully-Enclosed, Multi-Stage Planetary which may use the following oils (found suitable by USDA for accidental contact with food):  
Mobil SHC FM 46 or Mobil DTE FM 100

**Special Features:** Hoist Power head and bottom block coating Nickel-Composite or Electro less-Nickel. Stainless steel hooks and load chain. Standard chain container.



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