



## CHAIN HOIST

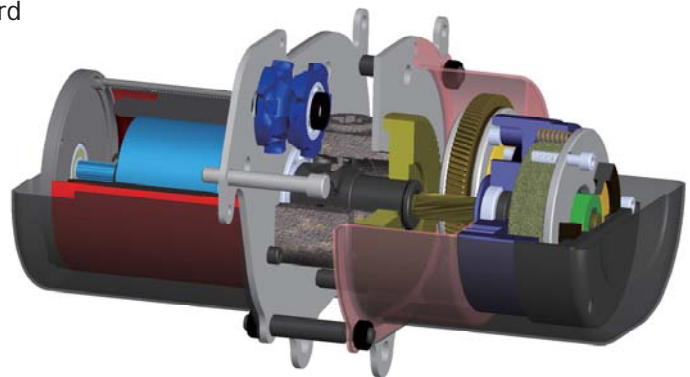
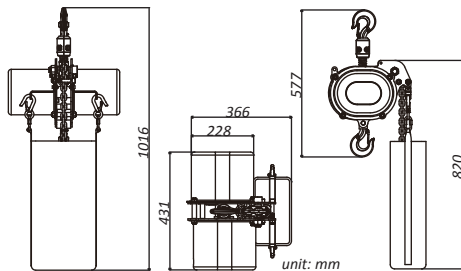
RigPro CH-1000 is a three phase, direct control 1 ton chain hoist designed and built to withstand the rigorous entertainment rigging environment. It operates with a power cable only. The hoist is compatible with most existing direct control hoist controllers. This hoist operates in both upright and inverted positions.

### Operating Features

1. Standard working voltage is 380V, 3Ph, 50Hz; can be converted to work with 220V or 440V through simple internal adjustment
2. Supplied ready-to-use, CEE 16A 4P plug with 1.5M cable
3. Motor works with a voltage drop of up to 10%
4. Wear-resistant black powder coated finish for low visibility in the show environment
5. Supplied two fully-tested ergonomic hand grip straps

### Safety Features

1. Jam-resistant chain guide locates outside to eliminate any possibility of jamming and guides the lift chain into chain bag instinctively
2. Grade 80 load chain with 7:1 safety factor for maximum strength and wear resistance
3. Motor meets HMI H4 duty rating, rated for 15 minutes per hour consecutive operation
4. Independent gear brake unit to ensure better heat dissipation
5. Fitted with overload clutch protection as standard



#### 1. Simple Installation and Service

- Three-phase single speed offers simple voltage change for adaptability to different applications
- Easy Voltage change makes three-phase RigPro feasible on either 200V, 380V or 440V (quick connect terminals are transferred in seconds)
- Voltage drop tolerance : up to 10%

#### 2. Special Chain Guide Design

- Eliminates any possibility of jamming due to twisting of the chain
- Instinctively guides the lift chain into the bag

#### 3. Standard Overload Protection

- Load limit clutch prevents overload lifting
- Overload clutch protection does not break the kinetic bond between the holding brake and the lifted load

#### 4. Disc Type Electric Hoist Brake

- Enlarged brake discs reduce surface stress and prolong brake life
- Brake automatically actuates in the event of a power failure

#### 5. Precise investment casting Steel Alloy Liftwheel with Heat Treated

- Precision and heat treated for additional strength and durability
- Smooth, reliable operation
- Reduce wear for longer lifespan of liftwheel, chain guide and chain link

Product Code	Capacity	Power Voltage	Phase	Lift (M)	Chain Falls	Motor (HP)	Speed (M/min)	Weight (KG)	Chain Weight (KG/Meter)
CH-1000	1Ton	220 380 440	3	20	1	2	50Hz 6M/min 60Hz 7M/min	40 excl. chain	1.04KG/Meter (7.1mm Chain)

### GRADE 80 CHAIN

Grade 80 Alloy Chain Premium quality and high strength alloy chain, heat treated, used in a variety of sling and tie down applications. For overhead lifting applications, only Grade 80 alloy chain should be used.

Identification Shall have periodic embossing for identification purpose. The embossing shall include the manufacturer's identification mark or symbol, the traceability code or date code, and the grade indicator.



#### Features

1. Made from carbon steel super alloy, grade 80 chain load chain is precise calibrated and heat treated for maximum strength and wear resistance
2. Safety factor 7:1, greater durability and safety
3. Black phosphate finish for corrosion resistance and low-key

### HOOK

Drop-forged, Heat-treated Hook

1. Alloy steel drop forged hook with heat treated for strength and toughness
2. Hook will not fracture but open slowly in case of overloaded
3. Equipped pivoting upper and lower hook with safety latch



### FLIGHT CASE

Stackable and made of 10mm thickness polywood. The internal layout are designed to hold the hoist and set chain bag in the compartment. Two butterfly locks and hinge to support. Travel easily with four 10cm casters (two of them come with brake). Four Grip handles provide convenience for movement . The net weight is 26.4kgs and dimension is 530 x 490 x 490 mm. (Product Code. CH-1000-1)

