

# Hydradyne: Tower Erection Hoists

DESIGN, FABRICATION, SERVICE, & MAINTENANCE

## Hydradyne Tower Erection Hoists

With nearly 50 years of experience in designing and fabricating winch systems, Hydradyne has earned a reputation for the quality of our fabricated winch systems and packages.

Hydradyne's standard 24hp, 50hp, 90hp, or 115hp units can handle most tower hoist needs. These units feature high efficiency hydraulic systems and planetary winches with failsafe braking. The 50hp, 90hp, and 115hp units also include operator selectable high/low hydraulic speed control as a standard feature.

Hydradyne also designs and fabricates custom configurations for tower hoist systems and winches. Whether it's a single, double, or triple drum hoist, or a winch system that can be disassembled and reassembled easily to transport to the top of a skyscraper, Hydradyne can provide custom design and fabrication to meet your needs.

## OSHA Regulations

All of Hydradyne's tower hoist systems meet the safety requirements of Occupational Safety and Health Administration, OSHA, and include all necessary documentation. OSHA requires a yearly tear-down inspection on most hoist systems as a part of their safety regulations, which Hydradyne can perform.

A few areas of hoist safety that must be maintained at all times to be in compliance with OSHA requirements include:

- An operator's manual on site – Hydradyne provides necessary documentation
- All controls are clearly marked and easily accessible – Hydradyne equips
- Documented daily inspections in a logbook that is on-site
- A functioning hour meter – Hydradyne can also install meters on existing hoists

## Hydradyne Can Help

Hydradyne not only adheres to OSHA standards, but also provides additional performance testing, preventative maintenance, service, and repair for all existing tower hoist systems. Hydradyne is authorized by Paccar Braden to perform OSHA required tear-down inspections and any necessary repair work.



## Standard & Custom Designs:

- 24hp, 50hp, 90hp, and 115hp units
- **NEW** 24hp unit – improved performance
- **NEW** 115hp 3 drum unit
- Custom design and fabrication experts

## Options Available:

- Powered Capstan w/Brake
- API approved Manlift Winches
- Manual Operator Override
- Anti-2-Block packages
- Drum Rotation Indicators
- Hoist Cable Tensionometers



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## Model Code Key Sheet for Standard Units

**HTH - 50K - SB11 - PD15 - 1 - A2B - R**

HYDRADYNE TOWER HOIST

**ENGINE**

- 24H** 24hp Honda gasoline
- 50K** 50hp Kubota diesel
- 50C** 50hp Caterpillar diesel
- 90K** 90hp Kubota diesel
- 90C** 90hp Caterpillar diesel

**FRONT WINCH**

- BG8A** 24 hp unit only, personnel approved
- SB11** 50hp & 90hp units only, NOT APPROVED FOR PERSONNEL
- PD12** 50hp & 90hp units only, personnel approved
- PD15** 50hp & 90hp units only, personnel approved
- CH165/02** 90hp unit only, personnel approved
- CH210/02** 90hp unit only, personnel approved

**REAR WINCH**

- SB11** 50hp & 90hp units only, NOT APPROVED FOR PERSONNEL
- PD12** 50hp & 90hp units only, personnel approved
- PD15** 50hp & 90hp units only, personnel approved
- CH165/02** 90hp unit only, personnel approved
- CH210/02** 90hp unit only, personnel approved

**A2B RADIO**

- R** radio installed
- 0** no radio

**ANTI 2-BLOCK VALVE**

- A2B** valve installed
- 0** no valve

**CAPSTAN (CAT HEAD)**

- 1** Standard capstan
- 2** AT&T capstan
- 0** no capstan

