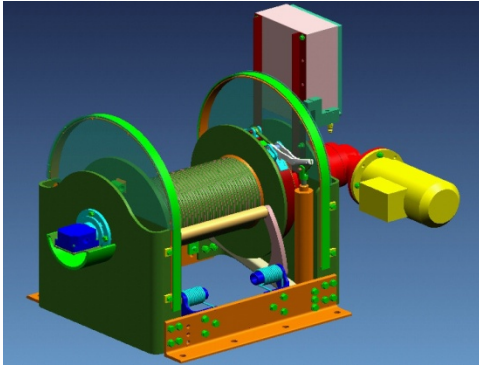


Winch & Hoist Solutions

Location: Orlando Florida

Challenge: Design and manufacture an electric winch to be used for personnel lifting applications.



Conceptual design

Solution:

- Capacity: 2200 lbs for personnel lifting
- IEEE45 marine duty motor
- Drum grooved for ½" wire rope
- Press roller on drum
- Planetary gearbox
- Brake(s):
 - One spring engaged, electrically released, automatic disc brake
 - One spring actuated air released automatic drum brake
- NEMA 4 control system with Emergency stop button
- Upper and lower NEMA 4, rotary limit switch



Model: EMR2200/03011



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