



HD800/60-14 SPECIFICATIONS With M18 Hydraulic Hoist And Power Booster

April 2003

Horn Speaker

A. CONTROL UNIT

1. Presentation

High resolution output, 640 x 480 pixels
8 or 16 colors depending on echo strength

2. Sonar Display

- (1) Full screen Sonar
- (2) Full screen bottom profile
- (3) Split screen sonar and profile
- (4) Vertical fish profile mode
- (5) Full screen stabilized video sounder

3. GPS Tracking

Track moving targets when GPS is connected

4. Dual Control, for Split Screen

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|------------------|----------------------|
| (1) Range | (7) Threshold |
| (2) Near Gain | (8) Scanning Speed |
| (3) Far Gain | (9) Scanning Sector |
| (4) TVG | (10) Colors, 8 or 16 |
| (5) Power | (11) Delete Colors |
| (6) Pulse Length | |

5. Transducer Control

- (1) Tilt, +4° to -90°, in 1° steps
- (2) Scan, adjustable sectors,
Stepping speeds 1.8° to 21.6°

6. Console Voltage

12 - 32 VDC, 36 W

7. Audio Output

Proportional to echo strength

B. TRANSMIT RECEIVE UNIT

1. **Power Output:** 3.2 kW
2. **6 Stage, Low Noise Receiver**

C. HOIST UNIT

1. **Height:** 1482 mm (58.3 inch)
2. **Travel:** 800 mm (31.5 inch)
3. **Retraction Time:** 5 seconds
4. **Electric Motor:** 2 HP, 110 VAC or 220 VAC
5. **Flange:** 16 inch, 25 mm thick
6. **Soundome Tube:** Stainless steel, 168 mm O.D.
(6.6 inch)

D. SOUNDOME:

1. **Frequency:** 60 kHz
2. **Soundbeam:** 9° Vertical, 14° Horizontal
Stabilized
3. **Sondome Boot:** Urethane
4. **Soundome Flange:** Stainless Steel
5. **Diameter:** 340 mm (13.4 inch)

E. SEACHEST - (Customer Supplied):

1. **Length:** 1,000 mm (39.4 inch)
2. **Pipe:** 16 inch, Schedule 40
3. **Flange:** Standard 16 inch

