

Rite-Hite Edge of Dock Leveler

EDGE OF DOCK LEVELERS 11160

Page 1 of 2

PART 1

1. Available service ranges
 - 1.1 Vertical range
 - 1.1.1 Above dock level: 3"
 - 1.1.2 Below dock level: 3"
 - 1.2 Available Dynamically Rated Load Capacities – 3 mph & 10% grade or less
 - 1.2.1 20K = 10,000 lbs.
 - 1.2.2 30K = 15,000 lbs.
 - 1.2.3 40K = 20,000 lbs. (hydraulic power only)
 - 1.3 Available widths
 - 1.3.1 66 in
 - 1.3.2 72 in
 - 1.3.3 78 in
 - 1.3.4 84 in
 - 1.4 Lip projection beyond bumper face
 - 1.4.1 12" standard
 - 1.4.2 14" optional
2. Operation
 - 2.1 Steps for operation of mechanical RHE
 - 2.1.1 Remove handle from storage position in bumper
 - 2.1.2 Insert handle into riser socket on RHE
 - 2.1.3 Pull back on handle until lip is approximately horizontal. Force to actuate varies from 35 lbs. to 65 lbs. depending on model (longer, higher capacity models require more force to actuate). Handle position need not be lower than average operator's hip height (approximately 30"). Total arc travel of handle is approximately 60 degrees.
 - 2.1.4 Push forward on handle until lip extends and rests on truck bed.
 - 2.1.5 RHE will return to retracted position when truck pulls away from dock.
 - 2.1.6 RHE will return to retracted position when truck pulls away from dock.
 - 2.2 Steps for operation of hydraulic RHE
 - 2.2.1 Press and hold "up" button on control box. RHE will rise
 - 2.2.2 When lip is approximately horizontal, release up button. Press and hold "down" button on control box until lip rests on truck bed.
 - 2.2.3 RHE will return to retracted position when truck pulls away from dock

- 2.3 Hydraulic system
 - 2.3.1. Hydraulic cylinder – 2” bore x 6” stroke double acting cylinder
 - 2.3.2. Hydraulic power unit
 - 2.3.1.1. Voltages and phases
 - 2.3.1.1.1 110-120 volt/1 phase/60 Hz standard
 - 2.3.1.1.1 208-230/460 volt/3 phase/60 Hz optional
 - 2.3.1.1.2 220 volt/1 phase/50, 60 Hz optional
 - 2.3.1.2. Hydraulic pump
 - 2.3.1.2.1. 100 cu in/min @ 1000 psi
 - 2.3.1.2.2. Reservoir – 46 cu in, 23 cu in unusable
 - 2.3.3. Electrical control box
 - 2.3.3.1. NEMA 4 rated
 - 2.3.3.2. Fully wired ready for hook up to motor and building power
 - 2.3.3.3. Operation placard adhered
- 3. Retrofit
 - 3.1 Hydraulic power can be added to mechanical RHE any time during RHE service life without any requirement for welding
 - 3.2 Hydraulically powered units all have built in mechanical backup
- 4. Structural replacement: lip-deck section can be replaced without any grinding, burning, welding, etc.
- 5. Bumpers
 - 5.1. 16” projection
 - 5.2. 12” x 13” face
 - 5.3. Bumper located on each side of RHE
- 6. Available options/accessories – consult factory
 - 6.1 Custom lip bends at no extra cost
 - 6.2 Special widths
 - 6.3 Special, custom bumpers
 - 6.4 “Post Office” model with 2” cart stop
 - 6.5 Telescoping handle
 - 6.6 Treaded transition plate (for use where dock edge steel is insufficient)
 - 6.7 Custom colors
 - 6.8 Galvanized finish