

AFD-280 / AFD-280U SERVICE MAINTENANCE CHECKLIST



COMPLETED CHECKLIST MUST ACCOMPANY ALL WARRANTY CLAIMS

Date: _____ Serial Number: _____

1. HOPPER LID, HOPPER, DIVERTER, AND DRUM NOT DAMAGED
2. SADDLE / SHOULDER SCREWS NOT DAMAGED OR MISSING, TIGHT
3. UPPER GUIDE SUPPORT BARS TIGHT, FILLISTER SCREWS NOT MISSING, TIGHT
4. UPPER GUIDE ASSEMBLY NOT DAMAGED, **SLIDE SCREWS TIGHT**, SNAPS INTO PLACE
5. GUIDE PINS NOT MISSING, TIGHT
6. LOWER GUIDE ASSEMBLY NOT DAMAGED, **SLIDE SCREWS TIGHT**, ALIGNED TO GUIDE SENSOR
7. DRIP PAN NOT DAMAGED, ALIGNED TO GUIDE SENSOR
8. ACCUMULATOR DOOR COLLARS TIGHT, ADJUSTED 1/8 INCH (4 MM) AWAY FROM CLADDING
9. POWER CORD NOT DAMAGED
10. POWER SUPPLY = 24.5 VDC (± 0.2)
11. ERROR LOG (**F19**) **1** **2** **3** **4** **5** **6** **7** **8**
OF ERRORS _____
12. NO AIR LEAKS, AIR LINES NOT DAMAGED
13. WATER TRAP BOWL NOT CRACKED OR LEAKING
14. COMPRESSOR CHARGES 0 – 60 PSI (4 BAR) IN LESS THAN 3 MINUTES 30 SECONDS
15. COMPRESSOR PRESSURE SWITCH SET FOR 40-60 PSI (2.5-4 BAR)
16. AIR PRESENT SWITCH (**L6**) SET FOR 20 PSI (1.5 BAR)
17. REGULATOR PRESSURE SET FOR 30 PSI (2.0 BAR)
18. START/RESET LIGHT (**L11**) WORKS (**F16**)
19. SENSOR WINDOW UPGRADE INSTALLED
20. LIFT SENSOR (**L2**) / GUIDE SENSOR (**L3**) RANGE, 4 - 6 INCHES (10 - 15 CM)
21. DRUM MOTOR OPERATES (**F15**)
22. ACTUATE STOP GATE (**F14**) 1 SECOND OPENING / 1 SECOND CLOSING
23. ACTUATE ACCUMULATOR DOORS (**F13**) 0.5 SECONDS OPENING / 1 SECOND CLOSING
24. ACTUATE LIFT SADDLE (**F12**) UP/DOWN SPEED 2.2 - 2.6 SECONDS
25. (**IF APPLICABLE**) EXERCISE MODE (**F26**)
VERIFY DRUM MOTOR OPERATES
STOP GATE 1 SECOND OPENING / 1 SECOND CLOSING
ACCUMULATOR DOORS 0.5 SECONDS OPENING / 1 SECOND CLOSING
LIFT SADDLE UP/DOWN SPEED 2.2 – 2.6 SECONDS
26. CALIBRATE LOAD CELL
27. SELECTOR SWITCH INDICATES CORRECT INPUTS
1.5#/700 gm (**L7**), 1#/450 gm (**L8**), AND SINGLE/350 gm (**L7 & L8 NOT LIT**)
28. START/RESET BUTTON INDICATES CORRECT INPUT (**L9**) MUST PUSH START/RESET BUTTON)
29. USING CORRECT BASKETS (**MUST HAVE GUIDE RUNNERS ON THE BOTTOM**). CYCLE A MINIMUM OF 5 BASKETS. 3 BASKETS SHOULD FILL AND TRANSITION SMOOTHLY TO THE LOWER GUIDE. A 4TH BASKET SHOULD FILL AND THE LIFT SADDLE REMAINS IN THE UP POSITION. THE ACCUMULATOR DOORS SHOULD FILL IN PREPARATION FOR THE NEXT BASKET
30. CLEAR ERROR LOG (**F18**)