

Repair list of SENNEBOGEN 835.0.0575

Year of construction : 2005 – rebuild 2022-2023 May

Machine main data :

Engine hours : 1038 h, original DEUTZ exchange engine (against ECU modul)

Total Frame hours : around 14.000

1. Complete machine degreased and pre-cleaned with high-pressure washer
2. Damaged and rusted parts cutting out and rebuilt totally
3. Several sheets of the fan housing and battery housing were cutting out and rebuilt and installed due to rusting through
4. Missing sprocket protection from the slewing gear newly made and installed.
5. Several parts of the cab new planking replaced due to rusting, remade and welded.
6. For this purpose, the cabin interior disassembled and removed
7. Interior lining repaired and painted with special plastic paint
8. Fittings cleaned and repaired
9. Some glasses, front, roof, replaced with special high quality bulletproof plastic safety glass, made by METSIS
10. Window wiper mech. rep. and part renewed.
11. New window washer pump
12. Cabin primed with high quality K2 EPOXY Primer
13. Cabin finished with high quality EPOXY 2K paint
14. All metal impacts on boom, stick superstructure and undercarriage fully welded and straightened (NO spatula used)
15. Missing steps to the undercarriage partly new, others straightened and repaired, welded in front and rear
16. Rep steps and toolboxes, sandblasted, EPOXI primer and 2K high quality final paint
17. Roof hatches, upper carriage service flaps, rep., straightened, and painted
18. New soundproofing installed on the engine-side service flaps
19. Installed new protective grilles on the air intakes at the engine service flaps
20. Several handles, gas springs and locks installed on the service flaps.
21. Complete undercarriage mech from rusted, cleaned (no sand blasting), 2K primer and primed and painted with EPOXY 2K color
22. Complete superstructure cleaned, partly repaired , primed and painted with EPOXIT 2K paint
23. Complete boom and stick cleaned, primed with 2K primer and painted with EPOXY 2K paint
24. Both boom cylinders are fitted with new sealing kits

25. Both stick cylinders provided with new sealing kits
26. Most hydraulic hoses replaced
27. Complete hyd system checked and sealed.
28. Engine color touched up
29. Two brand new starter batteries
30. Brand new by pass hydro pump assembled and blind pump close
31. Turbo new overhauled
32. All A/C lines brand new
33. Brand new water pump with gasket kit
34. All fuel lines replaced by new ones
35. Engine exhaust gas collector with new seal and new studs assembled
36. Engine intake air collector with new seal and new studs assembled
37. Exhaust tailpipe newly manufactured from stainless steel
38. Engine exhaust outlet pipe newly insulated and painted
39. Engine oil change with all filters, diesel and air filter (including the cabin filter)
40. Differentials, outer planets and gear oil changed
41. Hydr. Refreshed with 100L
42. Original factory new Hydroclean filter housing installed because the old one was no longer usable.
43. New hydroclean Filter
44. All grease nipples new .
45. Grease nipples with dust caps
46. Flap screwing replaced with INOX screws
47. Tool box and ascents replaced with new Inox screws.
48. On boom and stick 4 pieces new LED work lights.
49. Front headlights New.
50. Taillights and turn signals replaced and repaired
51. New warning signal installed
52. New radio installed in operator cabin
53. New radio antenna mounted on the cabin
54. Radio and antenna rewired
55. Toolboxes repaired, deformed stair profiles renewed
56. Toolboxes and stair profiles painted with 2 K high quality lacquer
57. Toolbox fitted with new seals on both sides.
58. New fire extinguishers front and rear
59. Anti-slip treads renewed.
60. Mechanically lubricated.
61. Central lubrication system checked and refilled.
62. Windscreen washer fluid filled up (up to 20 degrees minus)
63. 80L Arctic diesel tanked.
64. All brand names, typ name stickers and warning signs new

65. New Hydraulic feed though
66. New bushes and shafts were made on all 4 support legs, since the previous ones folded out over the dead center and blocked, new leg plates were made on all four support leg, plates straightened and re-welded and installed in new forming bearing housings with new shafts.
67. All 4 support leg cylinder piston rod new made and instal whit new seals
68. Piston rod fenders newly made and installed
69. hydraulic rotary block to the undercarriage dismantled and find total damage determined. New part is on the way
70. Transport safety bar new made, painted and mounted.
71. 8 pic brand new solid tire and rims (make : TRELLEBORG 12.00x20) installing
72. 40 pic wheel bolds and nuts new.
73. New rims painted in SENNEBOGEN grey.
74. Brake system checked and overhauled front axle.
75. Brake system checked and overhauled rear axle.
76. Generator general overhauled, bearings renewed
77. Generator repainted
78. Generator platform rebuilt and paint
79. Overhauled generator fitted with new drive belts
80. Protected electrical wiring installing on boom and stick
81. New protecting socket on stick and connecting from cab and generator to the end of the stick.

All listed work here was completed on MAY 2023