SEBMW01700

SHOP MANUAL

KOMATSU®

WF550A-3

MACHINE MODEL　　SERIAL No.

WF550A-3　　50002 and up

- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require.
  Materials and specifications are subject to change without notice.

- WF550A-3 mounts the SA6D140E-2 engine.
  For details of the engine, see the 6D140-2 Series Engine Shop Manual.

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WEIGHT TABLE

⚠ This weight table is a guide for use when transporting or handling components.

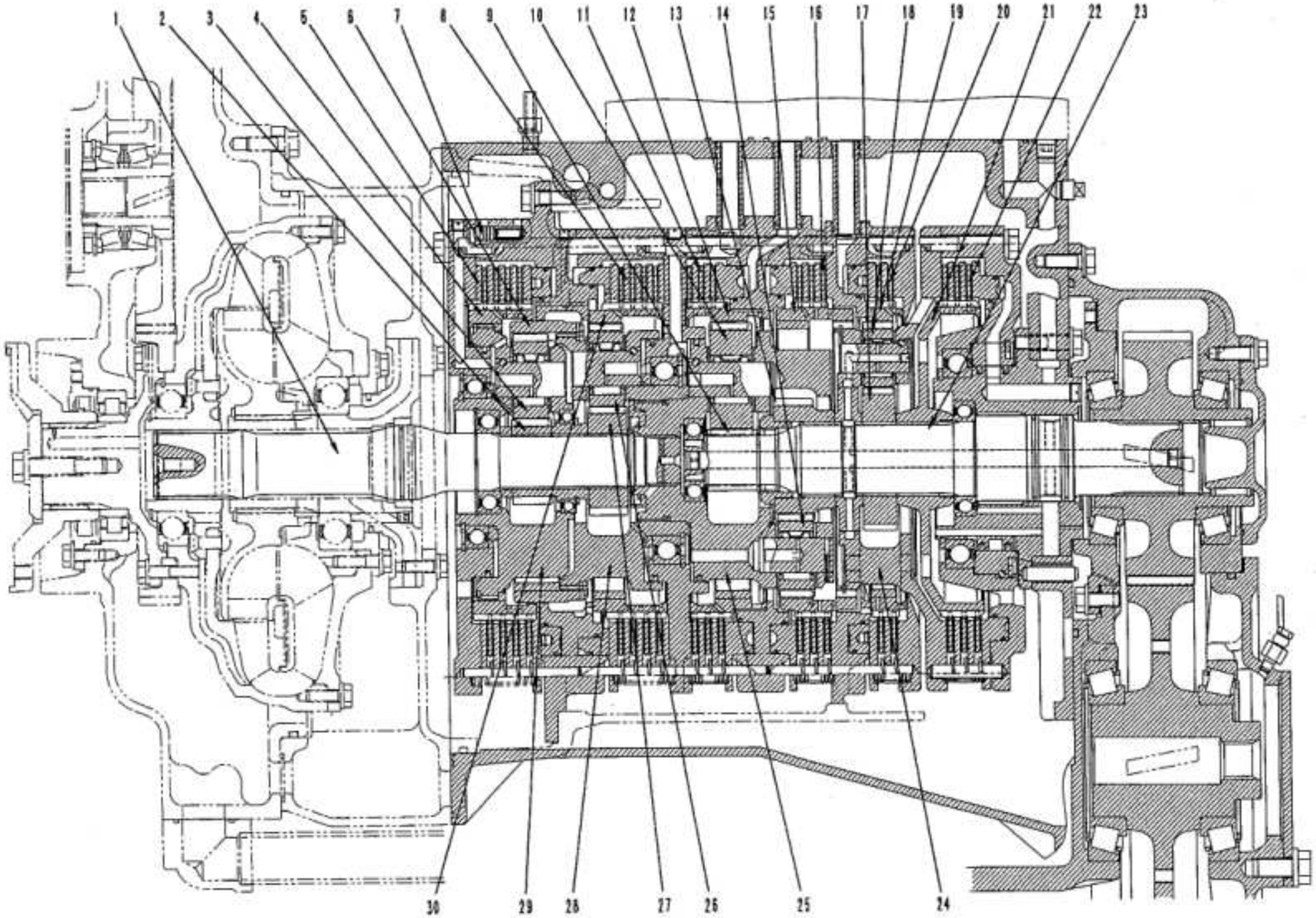
Unit: kg

Machine model	WF550A-3
Serial Number	50002 and up
Engine assembly	1,453
Radiator assembly	300
Torque converter assembly	215
Transmission assembly	930
Damper	91
Upper drive shaft	18
Center drive shaft	33
Front drive shaft	45
Rear drive shaft	41
Center support	42
Front axle assembly	1,940
Rear axle assembly	1,877
Front differential assembly	268
Rear differential assembly	278
Planetary carrier assembly (1 piece)	62
Planetary hub assembly (1 piece)	103
Axle pivot (Rear axle)	94/114
Iron wheel (Tamping foot) (1 piece)	240
Steering valve	23.5
Orbit-roll valve	5.2
Steering cylinder (1 piece)	47
Brake valve (Tandem)	8.5
Brake valve (Single)	5.3
Hydraulic tank	220

Machine model	WF550A-3
Serial Number	50002 and up
Hydraulic pump	12.2
Switch and PPC pumps	19
Steering pump	12.2
Main control valve	71
Lift cylinder	149
Tilt cylinder	87
Engine hood	225
Front frame	2,850
Rear frame	2,325
Blade	1,740
Counterweight	284
Fuel tank	213
Battery (1 piece)	53
Cab assembly	300
Air conditioner unit	53
Operator's seat	39
Floor, dash, console	214

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TRANSMISSION



SKM01927

1. Input shaft
2. No. 1 sun gear (No. of teeth: 22)
3. No. 1 planet gear (No. of teeth: 24)
4. No. 1 ring gear (No. of teeth: 90)
5. No. 1 clutch
6. No. 1 idler gear (No. of teeth: 70)
7. Lubrication relief valve
8. No. 2 clutch
9. No. 3 sun gear (No. of teeth: 15) (Output shaft)
10. No. 3 planet gear (No. of teeth: 30)
11. No. 3 clutch
12. No. 3 ring gear (No. of teeth: 75)
13. No. 4 sun gear (No. of teeth: 33)
14. No. 4 planet gear (No. of teeth: 21)
15. No. 4 ring gear (No. of teeth: 75)
16. No. 4 clutch
17. No. 5 sun gear (No. of teeth: 39)
18. No. 5 planet gear (No. of teeth: 18)
19. No. 5 ring gear (No. of teeth: 75)
20. No. 5 clutch
21. No. 6 gear (No. of teeth: 90)
22. No. 6 clutch
23. Output shaft
24. No. 5 carrier
25. No. 3, 4 carrier
26. No. 2 planet gear (No. of teeth: 23)
27. No. 2 sun gear (No. of teeth: 29)
28. No. 2 carrier
29. No. 1 carrier
30. No. 2 ring gear (No. of teeth: 75)

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