SEBM020R0604

SHOP MANUAL

KOMATSU®

PC20-6
PC30-6
PC40-6

MACHINE MODEL	SERIAL No.
PC20-6	24001 and up
PC30-6	10001 and up
PC40-6	10001 and up

This shop manual may contain attchments 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.

Printed in Japan
09-89(04)04401

MidWestTech | Komatsu PC20-6, PC30-6, PC40-6 Mini Excavator Service Manual | Publication SEBM020R0604
Order the manual at mid-west-tech.com >

WEIGHT TABLE

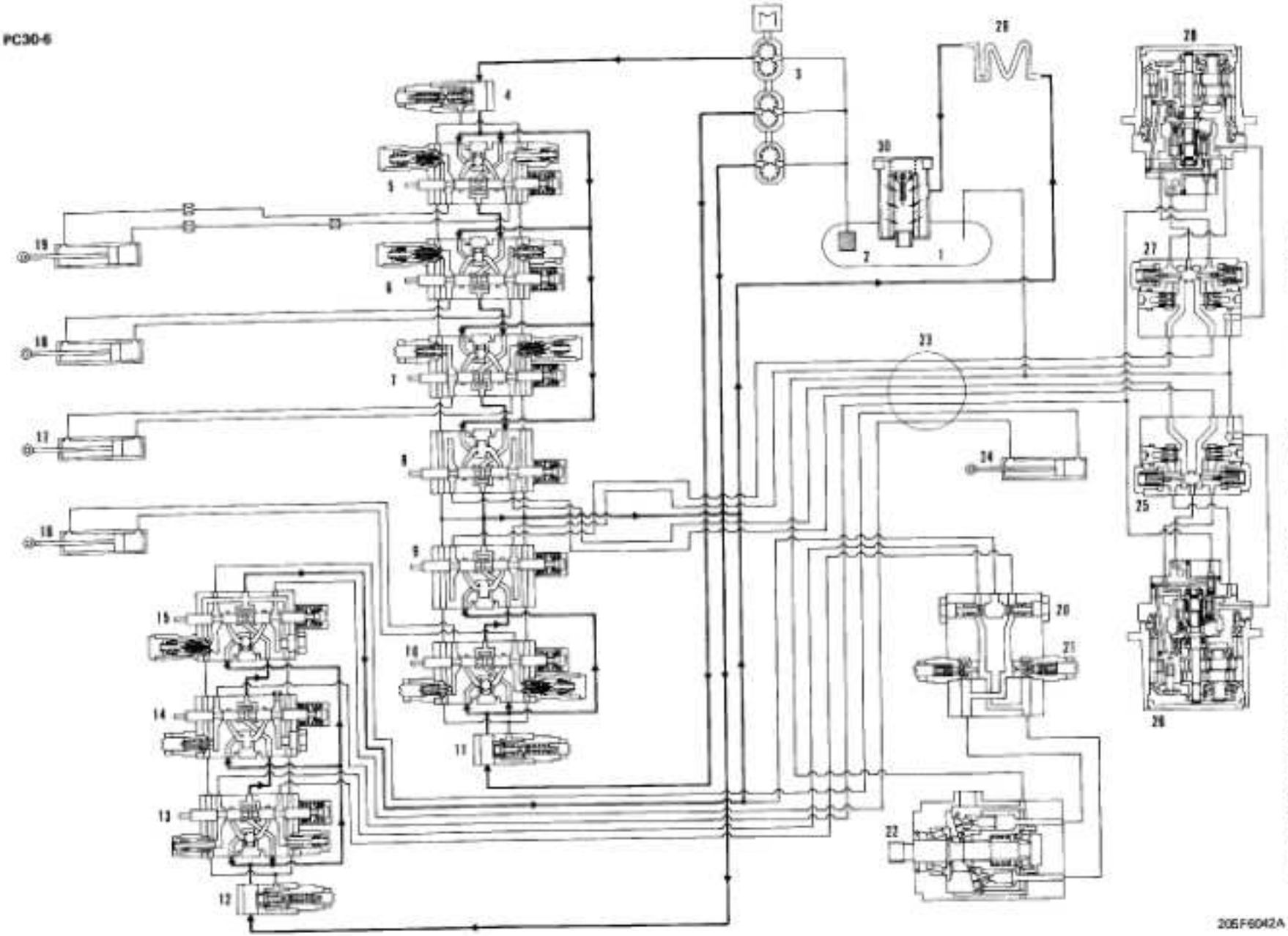
⚠ This weight table is a guide for use when transporting or handling components.

Unit: kg

Machine model	PC20-6	PC30-6	PC40-6
Engine assembly	198.6	198.6	252
• Engine (including engine mount)	182.6	182.6	237
• P.T.O	8.9	8.9	2.3
• Hydraulic pump (triple gear pump)	8.1	8.1	8.7
Radiator assembly	12.6	12.6	12
Hydraulic tank (dry)	40.5	40.5	49
Fuel tank (dry)	19.6	19.6	22
Operator's cab	162	162	162
Revolving frame	383	365	469
Swing machinery	28.1	28.1	36
Swing motor (including brake valve)	16	16	16
Travel motor (with reduction gear)	46 × 2	46.5 × 2	46.5 × 2
6-spool control valve	16	16	17
2-spool control valve	6.0	—	—
3-spool control valve	—	8.3	8.3
Center swivel joint assembly	20.5	20.5	32
Counterweight	34	251	251
Track frame assembly	552	552	737
• Track frame	348	348	470
• Track roller	8.2 × 8	8.2 × 8	10 × 10
• Recoil spring assembly	10.2 × 2	10.2 × 2	25 × 2
• Idler assembly	28 × 2	28 × 2	20 × 2
• Sprocket	8.3 × 2	8.3 × 2	7.5 × 2
• Swing circle assembly	45.6	45.6	62
Track shoe assembly			
• Standard track shoe width (300 mm)	336	336	—
(400 mm)	—	—	524
Boom assembly	101	106	169
Arm assembly	52	57	79
Bucket assembly	52	72	100

020R06

MidWestTech | Komatsu PC20-6, PC3... Order the manual at mid-west-tech.com >



1. Hydraulic tank
2. Strainer
3. Triple gear pump
4. Main relief valve (For boom swing, boom, bucket and L.H. travel)
5. Boom swing control valve
6. Boom control valve
7. Bucket control valve
8. L.H. travel control valve
9. R.H. travel control valve
10. Arm control valve
11. Main relief valve (For arm and R.H. travel)
12. Main relief valve (For swing, travel acceleration and blade)
13. Swing control valve
14. Travel acceleration selector valve
15. Blade control valve
16. Arm cylinder
17. Bucket cylinder
18. Boom cylinder
19. Boom swing cylinder
20. Check valve
21. Relief valve
22. Swing motor
23. Center swivel joint
24. Blade cylinder
25. L.H. travel brake valve
26. L.H. travel motor
27. R.H. travel brake valve
28. R.H. travel motor
29. Piping cooler
30. Hydraulic oil filter

205F6042A

MidWestTech | Komatsu PC20-6, PC30-6, PC40-6 Mini Excavator Service Manual | Publication SEBM020R0604
Order the manual at mid-west-tech.com >