

WHEEL DOZERS/SOIL COMPACTORS/LANDFILL COMPACTORS

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
814F	21.0-25.0	5.5-6.5	26.0-30.0	7.0-8.0	36.0-40.0	9.5-10.5
815F	26.0-30.0	7.0-8.0	36.0-42.0	9.5-11.0	44.0-47.0	11.5-12.5
816F	26.0-30.0	7.0-8.0	36.0-42.0	9.5-11.0	44.0-47.0	11.5-12.5
824K	28.9-33.8	7.9-8.9	39.8-45.8	10.5-12.1	53.7-59.7	14.2-15.8
824K	37.8-43.8	10.0-11.6	53.7-67.3	14.2-17.8	63.7-69.7	16.8-18.4
826K	34.0-35.8	8.4-9.4	39.8-43.8	10.5-11.6	47.8-51.7	12.6-13.6
834K	34.6-43.4	9.1-11.4	48.2-52.2	12.7-13.8	67.6-74.0	17.8-19.5
836H	39.8-43.8	10.5-11.6	47.8-51.7	12.6-14.0	55.7-59.7	14.7-18.0
844K	42.0-50.0	11.0-13.0	54.0-62.0	14.0-16.0	65.0-73.0	17.0-19.0
854K	49.2-64.4	13.0-17.0	64.4-79.5	17.0-21.0	79.5-94.6	21.0-25.0

Wheel Dozers

Typical Application Description

(relative to work application)

- Low Light utility and stockpile work. Pulling compactors. Dozing loose fill. Considerable idling or travel with no load and no impact.
- Medium Production dozing, push loading in clays, sands, silts, loose gravels. Shovel clean-up. Normal compaction.
- High Heavy production dozing in rock. Push-loading in rocky, bouldery borrow pits. Heavy landfill compactor work. High impact conditions.

Load Factor Guide

(average engine load factor based on application description for each range)

- Low 35%-50%
- Medium 50%-65%
- High 65%-80%

Soil Compactors/Landfill Compactors

Typical Application Description

(relative to work application)

- Low No dozing or very light spreading on a flat or downhill surface. Machine has support equipment dozing and spreading trash while compactor simply travels over flat surface multiple times.
- Medium Compactor primary use is compacting already spread material. Compactor assists in dozing and spreading during peak periods of day and possibly working slopes of no steeper than a 4:1.
- High Compactor is possibly only machine for operation. Machine will doze and spread material alone and then compact it with multiple passes working on steep slopes and possibly uphill.

Load Factor Guide

(average engine load factor based on application description for each range)

- Low 35%-50%
- Medium 50%-65%
- High 65%-80%

COMPACTION EQUIPMENT

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
SOIL COMPACTORS						
CS-323C	8.0-13.0	2.0-3.5	11.0-15.0	3.0-4.0	11.0-19.0	3.0-5.0
CS34	4.9-6.1	1.3-1.6	6.1-9.1	1.6-2.4	9.1-12.9	2.4-3.4
CP-323C	8.0-13.0	2.0-3.5	11.0-15.0	3.0-4.0	11.0-19.0	3.0-5.0
CP34	4.9-6.1	1.3-1.6	6.1-9.1	1.6-2.4	9.1-12.9	2.4-3.4
CS-423E	4.5-6.4	1.2-1.7	6.4-9.5	1.7-2.5	9.5-12.9	2.5-3.4
CS-533E	5.7-9.5	1.5-2.5	9.5-13.2	2.5-3.5	13.2-17.0	3.5-4.5
CP-533E	5.7-9.5	1.5-2.5	9.5-13.2	2.5-3.5	13.2-17.0	3.5-4.5
CS44	5.8-7.8	1.5-2.1	7.8-11.9	2.1-3.1	11.9-15.7	3.1-4.2
CS44B	6.1-7.2	1.6-1.9	7.2-11.0	1.9-2.9	11.0-15.5	2.9-4.1
CP44	5.8-7.8	1.5-2.1	7.8-11.9	2.1-3.1	11.9-15.7	3.1-4.2
CP44B	6.1-7.2	1.6-1.9	7.2-11.0	1.9-2.9	11.0-15.5	2.9-4.1
CS54	5.7-9.5	1.5-2.5	9.5-13.2	2.5-3.5	13.2-17.0	3.5-4.5
CS56	7.6-9.5	2.0-2.5	9.5-15.1	2.5-4.0	15.1-22.7	4.0-6.0
CP56	7.6-9.5	2.0-2.5	9.5-15.1	2.5-4.0	15.1-22.7	4.0-6.0
CS64	7.6-9.5	2.0-2.5	9.5-15.1	2.5-4.0	15.1-26.5	4.0-7.0
CP64	7.6-9.5	2.0-2.5	9.5-15.1	2.5-4.0	15.1-26.5	4.0-7.0
CS74	9.5-11.4	2.5-3.0	11.4-15.1	3.0-4.0	15.1-26.5	4.0-7.0
CP74	9.5-11.4	2.5-3.0	11.4-15.1	3.0-4.0	15.1-26.5	4.0-7.0
CS76	11.4-13.3	3.0-3.5	13.3-17.0	3.5-4.5	17.0-26.5	4.5-7.0
CP76	11.4-13.3	3.0-3.5	13.3-17.0	3.5-4.5	17.0-26.5	4.5-7.0
CS76 XT	11.4-13.3	3.0-3.5	13.3-17.0	3.5-4.5	17.0-26.5	4.5-7.0
CS54B	6.3-10.5	1.7-2.8	10.5-14.5	2.8-3.9	14.5-18.7	3.9-5.0
CP54B	6.3-10.5	1.7-2.8	10.5-14.5	2.8-3.9	14.5-18.7	3.9-5.0
CS56B	8.4-10.5	2.2-2.8	10.5-16.6	2.8-4.4	16.6-25.0	4.4-6.6
CP56B	8.4-10.5	2.2-2.8	10.5-16.6	2.8-4.4	16.6-25.0	4.4-6.6
CS64B	6.3-10.5	1.7-2.8	10.5-14.5	2.8-3.9	14.5-18.7	3.9-5.0
CS66B	8.4-10.5	2.2-2.8	10.5-16.6	2.8-4.4	16.6-25.0	4.4-6.6
CS68B	8.4-10.5	2.2-2.8	10.5-16.6	2.8-4.4	16.6-29.2	4.4-7.7
CP68B	8.4-10.5	2.2-2.8	10.5-16.6	2.8-4.4	16.6-29.2	4.4-7.7
CS74B	10.5-12.5	2.8-3.3	12.5-16.6	3.3-4.4	16.6-29.2	4.4-7.7
CP74B	10.5-12.5	2.8-3.3	12.5-16.6	3.3-4.4	16.6-29.2	4.4-7.7
CS76B	12.5-14.9	3.3-3.9	14.9-18.7	3.9-5.0	18.7-29.2	5.0-7.7
CS78B	12.5-14.9	3.3-3.9	14.9-18.7	3.9-5.0	18.7-29.2	5.0-7.7
CS79B	12.5-14.9	3.3-3.9	14.9-18.7	3.9-5.0	18.7-29.2	5.0-7.7

COMPACTION EQUIPMENT

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
ASPHALT COMPACTORS						
CB-434D	5.7-7.6	1.5-2.0	7.6-11.4	2.0-3.0	11.4-15.2	3.0-4.0
CB-534D	5.7-7.6	1.5-2.0	7.6-11.4	2.0-3.0	11.4-15.2	3.0-4.0
CB-534D XW	5.7-7.6	1.5-2.0	7.6-11.4	2.0-3.0	11.4-15.2	3.0-4.0
CB-564D	8.6	2.3	10.4	2.8	13.3	3.5
CB54	8.5	2.2	9.4	2.5	11.0	2.9
CB54 XW	8.2	2.2	9.4	2.5	11.0	2.9
CB64	8.5	2.2	9.4	2.5	12.9	3.4
CB44B	6.8	1.8	8.3	2.2	10.2	2.7
CD44B	6.8	1.8	8.3	2.2	10.2	2.7
CB54B	7.9	2.1	9.5	2.5	10.9	2.9
CD54B	6.8	1.8	8.3	2.2	10.2	2.7
CB64B	8.2	2.2	9.4	2.5	11.0	2.9
CB66B	8.5	2.2	9.4	2.5	12.9	3.4
CB68B	8.5	2.2	9.4	2.5	12.9	3.4
PNEUMATIC TIRED COMPACTORS						
PS-150C	8.0-11.0	2.0-3.0	11.0-13.0	3.0-3.5	13.0-15.0	3.5-4.0
PS-300C	13.0-15.0	3.5-4.0	15.0-17.0	4.0-4.5	17.0-23.0	4.5-6.0
PF-300C	13.0-15.0	3.5-4.0	15.0-17.0	4.0-4.5	17.0-23.0	4.5-6.0
PS-360C	7.4-9.8	1.9-2.6	9.8-12.4	2.6-3.3	12.4-14.5	3.3-4.6
CW14	8.0-11.0	2.1-2.9	11.0-13.0	2.9-3.4	13.0-15.0	3.4-4.0
CW34	7.4-9.8	2.0-2.6	9.8-12.4	2.6-3.3	12.4-14.5	3.3-3.8