

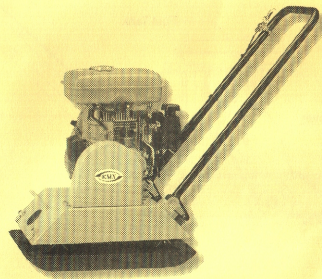


KORMAX CORPORATION

Room No., 301-1 Keumsung Bldg., #245-18 Jangan-1Dong,
Dongdaemoon-Ku, Seoul, Korea
Tel: +82-2-2247-9163 Fax: +82-2-2248-5063
E-mail: kimo@unitel.co.kr
hj615@chollian.net

PLATE COMPACTOR MANUAL

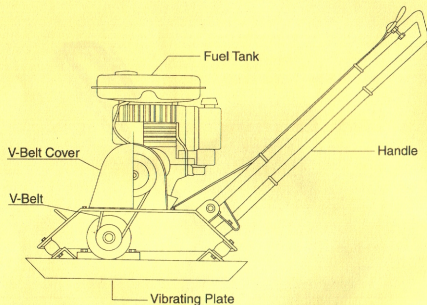
MODEL: KPC-80, KPC-110



KORMAX CORPORATION

1. STRUCTURE AND SPECIFICATIONS

1) STRUCTURE



2) SPECIFICATIONS

• MAIN BODY

ITEM	SPECIFICATIONS	
MODEL	KPC-80	KPC-110
TYPE	CENTRIFUGAL CLUTCH	
V.P.M.	5,800	
PLATE (L x W) / mm	550 x 420	600 x 480
CENTRIFUGAL FORCE / Kg	1,500	1,830
WEIGHT / kg	86	115

• ENGINE

ITEM	SPECIFICATIONS
MODEL	
TYPE	AIR-COOLED, 4-CYCLE, SINGLE CYL.
DISPLACEMENT	
OUTPUT	
FUEL	UNLEADED GASOLINE

2. OPERATION

1) BEFORE OPERATION

- Check all bolts and nuts for any looseness.
- Check the oil level.
If the oil level is low, add fresh oil to upper level on the oil gauge.
- Refill gasoline (Unleaded gasoline)

2) STARTING

- Open the fuel cock.
- Close the choke lever.
- Set the throttle lever to L-position.
- Rapidly pull recoil starter to start the engine.
- After the engine starts, open the choke lever fully.
- Allow 3 minutes for warm-up.

3) OPERATION

- a) *Open the throttle lever fully and the centrifugal clutch will be engaged automatically.*
- b) *The equipment will start vibrating and travelling forward at the same time.*

4) STOPPING

- a) *Slow down the engine revolution by closing the throttle lever, and let it run slowly for a while before stopping.*
- b) *The centrifugal clutch will be automatically disengaged.*
- c) *The compactor will stop vibrating.*
- d) *Push the Stop Button and hold down until the engine stops.*
- e) *Close fuel cock.*

3. INSPECTION & MAINTENANCE

1) PERIODICAL INSPECTION

- a) *Daily Inspection.*
 1. *Check bolts and nuts for any looseness.*
 2. *Check the bottom for the vibrating plate.*
 3. *Check the V-belt by pressing the V-belt with fingers.*
If V-belt is too slack, adjust the tension by screwing the bolt after loosening the engine set bolts.
- b) *After 20 hours Operation*
 1. *Aircleaner*
Clean the element by compressed air and wash it in gasoline.
Install the element after dry.
 2. *Lubricating Oil*
First time: Change oil after every 20 hours operation.
Thereafter change oil after every 50 hours operation.
To change oil, remove the drain plug.
After contaminated oil is drained completely, mount the drain plug, and fill fresh after opening the oil filler plug.

c) *After every 50 hours Operation*

1. *Change oil as instructed above.*
 2. *Spark plug.*
Remove carbon and reset gap at 0.5-0.6mm.
If necessary, replace it with new one.
- d) *After every 200 hours Operation.*
Remove the belt cover and check V-belt.

2) DURING OPERATION

- a) *When the air cleaner is choked up with the sand or dust, the engine revolution will drop. Clean the element.*
- b) *When the asphalt adheres to the bottom of vibrating plate, sweep it off and spread grease onto the bottom.*
- c) *Do not put your weight excessively on the handle.*
It may cause a bad effect on isolation rubber.
- d) *When abnormal noise and / or heat,*
stop engine immediately and check the causes.

3) TRANSPORTATION

- Be sure to hold the grip when you raise the equipment.*
Gripping the handle might cause you an injury.

PARTS LIST FOR PLATE COMPACTOR

REF.	DESCRIPTION	Q'TY	REMARKS
1	ENGINE(DAE HEUNG DE 180DG/HONDA G200)	1	
2	KEY (키)	1	
3	CENTRIFUGAL CLUTCH (원심 클러치)	1	
4	V-BELT (브이 벨트)	2	
5	WASHER (P/W 워셔)	1	
6	SPRING WASHER (S/W 워셔)	1	
7	BOLT (볼트)	1	
8	ENGINE FITTING BOLT SET (엔진 볼트셋)	2	
9	WASHER (P/W 워셔)	4	
10	SPRING WASHER (S/W 워셔)	4	
11	NUT (너트)	8	
12	PULLEY FITTING BOLT (풀리 볼트)	1	
13	SPRING WASHER (S/W 워셔)	1	
14	WASHER (P/W 워셔)	1	
15	PULLEY (풀리)	1	
16	HOUSING COVER A (진동케이스 커버 A)	1	
17	O-RING (O 링)	2	
18	OIL SEAL (오일 씰)	1	
19	BEARING (베어링)	2	
20	VIBRATING SHAFT (진동축)	1	
21	HOUSING COVER FITTING BOLT (진동 케이스 볼트)	8	
22	SPRING WASHER (S/W 워셔)	8	
23	VIBRATORY HOUSING (진동 케이스)	1	
24	HOUSING COVER B (하우징 커버 B)	1	
25	BOLT (볼트)	4	
26	SPRING WASHER (S/W 워셔)	4	
27	OIL CAP(GAUGE) (오일 캡)	1	
28	VIBRATING PLATE (진동 판)	1	
29	LOCK NUT (고정 너트)	8	
30	WASHER (워셔)	4	
31	RUBBER ISOLATOR A (방진 고무 A)	4	
32	SPRING WASHER (S/W 워셔)	4	
33	ENGINE BASE ASS'Y (엔진 받침)	1	
34	RUBBER CAP (고무 캡)	1	
35	BELT COVER (벨트 커버)	1	
36	BOLT (볼트)	4	
37	SPRING WASHER (S/W 워셔)	4	
38	WASHER (워셔)	4	
39	CATCHING RUBBER (방진 고무)	2	
40	NUT (너트)	2	
41	BOLT (볼트)	2	
42	RUBBER ISOLATOR B (벨트 방진 고무 B)	2	
43	LOCK NUT (고정 너트)	2	
44	HANDLE (핸들)	1	
45	THROTTLE (가속장치)	1	
46	THROTTLE CABLE (가속 케이블)	1	

