



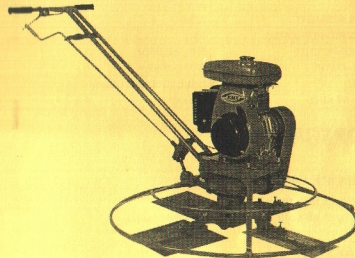
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POWER TROWEL

OPERATORS MANUAL & PARTS LIST

MODEL: KPT-36



KORMAX CORPORATION

1. SPECIFICATIONS

• TROWEL

ITEM	SPECIFICATION
MODEL	KPT-36
DIMENSION	1,610(L)x1,010(W)x810(H)mm
BLADE DIAMETER	910mm
BLADE SIZE	350(L)x177(W)mm
BLADE REVOLUTION	50-100RPM
WEIGHT	80KG

• ENGINE

ITEM	SPECIFICATIONS
MODEL	"DAEHEUNG" DE230DG (OR "HONDA" G200)
TYPE	AIR-COOLED, 4-CYCLE, SINGLE CYLINDER
DISPLACEMENT	225cc
COMPRESSION RATIO	6.5:1
RATED OUTPUT	4HP/3,600RPM
MAX. OUTPUT	6HP/4,000RPM
FUEL	UNLEADED GASOLINE
DRY WEIGHT	17.5KG

2. OPERATION

1) BEFORE OPERATION

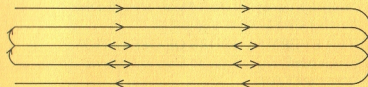
- Check fuel and oil level.
- Check all bolts and nuts for any looseness.

2) STARTING

- Open the fuel cock.
- Close the choke lever.
- Set the throttle lever to L-position.
- Start the engine by pulling recoil starter.
- After the engine starts, open the choke lever fully.
- Warm-up the engine for 3 minutes.

3) OPERATION

- Pull the throttle lever (part no. 64) fully and the blades will start revolving.
- Adjust the throttle lever for proper revolution speed.
- Turn the shifter handle (part no. 56) to adjust blade angle.
Clockwise: blade angle goes up
Anti-Clockwise: blade angle goes down and becomes flatten
- The following pattern in operations is recommended to achieve a best floor finish
(to be operated from left to right direction and lapped half of each cut)



- Set the machine on a flat stable place.
Operation on a steep slope will cause poor lubrication.
- Do not leave the machine to stand in one spot on wet cement.
Remove from the slab when finishing job is done.

4) STOPPING

- Slow down the throttle lever,
- The blades will stop revolving.
- Push the stop button and hold down until the engine stops.
- Close the fuel cock.

3. SERVICE & MAINTENANCE

1) DAILY MAINTENANCE

- a) Be sure to wash the blades and rotary parts with clean water before adhering concrete hardens.
Dry and apply grease and oil to the parts.
- b) Check all nuts and bolts, and retighten them if necessary.
- c) Check the V-belt and adjust it if it is loosend too much.

2) AFTER EVERY 20 HOURS OF OPERATION

- a) Clean the element of air cleaner by compressed air and wash it in gasoline.
Install the element after dry thoroughly.
- b) Change lubricating oil after 20 hours at the first time, thereafter every 50 hours of operation.

3) AFTER EVERY 50 HOURS OF OPERATION

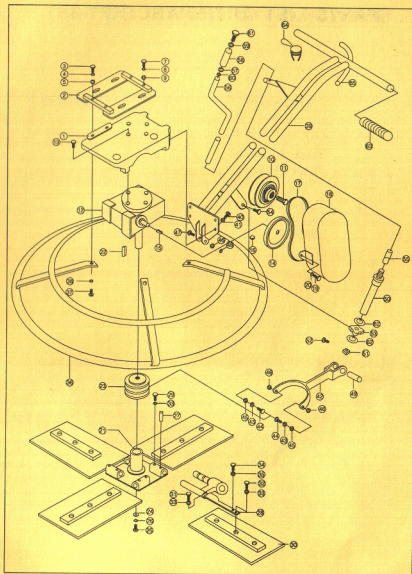
- a) Change lubricating oil after 50 hours as instructed above.
- b) Remove spark plug.
Clean it and adjust the spark gap to 0.5~0.6mm
- c) Completely drain oil from the crankcase while the engine is warm and refill with quality oil.

4) LUBRICATING OIL FOR REDUCTION GEAR

Oil should be changed after the first 50 hours of operation, after 50 hours at second time and thereafter after every 1,000 hours. Drain oil while the engine is warm.

• RECOMMENDED OIL FOR REDUCTION GEAR

AMBIENT TEMPERATURE	0℃ ~ 32℃	33℃ ~ 50℃
VISCOSITY SUC. SEC.	120~150	150~190
TYPE OF OIL	EQUIVALENT OF GEAR OIL CLASS 2, NO. 5	EQUIVALENT OF GEAR OIL CLASS 2, NO. 7



PARTS LIST OF TROWEL (KPT-36)

REF. NO.	PART NAME	Q'TY	REMARKS
1	BASE	1	
2	ENGINE BASE	1	
3	BOLT	4	
4	WASHER, SPRING	4	
5	WASHER, PLAIN	4	
6	ENGINE (DE230DG)	1	NOT SHOWN ON FIG.
7	BOLT	4	
8	WASHER, SPRING	4	
9	WASHER, PLAIN	4	
10	CLUTCH ASS'Y	1	
11	BOLT	1	
12	REDUCTION GEAR ASS'Y	1	
13	BOLT	4	
14	PULLEY	1	
15	KEY	1	
16	SETSCREW	2	
17	V-BELT	1	
18	BELT COVER	1	
19	BOLT	2	
20	WASHER, SPRING	2	
21	BLADE BASE	1	
22	KEY	1	
23	SLIDE PULLEY	1	
24	COLLAR	1	
25	BOLT	1	
26	WASHER, SPRING	1	
27	GREASE NIPPLE	4	
28	BLADE ARM	4	
29	SET BOLT	4	
30	BLADE ASS'Y	4	
31	BOLT	4	
32	BOLT	4	

33	WASHER, SPRING	12	
34	BOLT	4	
35	NUT	4	
36	FRAME	1	
37	BOLT	4	
38	WASHER, SPRING	4	
39	HANDLE	1	
40	BOLT	4	
41	WASHER, SPRING	4	
42	SLIDE ARM	1	
43	ROLLER	2	
44	BOLT	2	
45	COLLER	2	
46	NUT	2	
47	BOLT	1	
48	NUT	2	
49	NUT, SLIDE	1	
50	BOLT, SLIDE	1	
51	STOPPER	1	
52	BOLT	2	
53	HOLDER	1	
54	BOLT	2	
55	UNIVERSAL JOINT	1	
56	SHIFTER HANDLE	1	
57	WASHER	1	
58	GRIP	1	
59	WASHER	1	
60	SNAP RING	1	
61	BOLT	1	
62	WASHER	2	
63	RUBBER GRIP	2	
64	THROTTLE LEVER	1	
65	THROTTLE WIRE	1	