



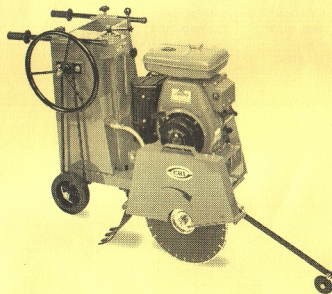
## KORMAX CORPORATION

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# CONCRETE CUTTER

## OPERATORS MANUAL & PARTS LIST

MODEL: KCC-12, 16 & 20



KORMAX CORPORATION

## 1. SPECIFICATIONS

MODEL		KCC-12	KCC-16	KCC-20
DIMENSION		1300x560x950mm	1300x620x1360mm	1300x620x1360mm
MAX. CUTTING DEPTH		120mm	160mm	200mm
SAW BLADE		12~14"	12~18"	12~22"
DIA. OF	ARBOR HOLE	27mm, or 25.4mm	27mm, or 25.4mm	27mm, or 25.4mm
SHAFT	PIN HOLE	10mm	10mm	10mm
WATER TANK		34 g	36 g	38 g
ENGINE	MODEL	"DAEHEUNG" DE400DG		
	TYPE	AIR-COOLED, 4-CYCLE, SINGLE CYLINDER		
	DISPLACEMENT	388cc		
	RATED OUTPUT	8.0HP/3,600RPM		
	MAX. OUTPUT	10.0HP/4,000RPM		
	FUEL	UNLEADED GASOLINE		
STARTING		RECOIL STARTER		

## 2. OPERATION

### 1) BEFORE OPERATION

- Check fuel and oil level.
- Check all bolts and nuts for any looseness.
- Fill up the water tank. (part no. 35)
- Make the front side go up by turning the lever (part no. 50) anti-clockwise (clockwise:down, anti-clockwise:up)  
Fit a saw blade between the flanges (part no. 22) and tighten the nut (part no. 23) completely.  
Reset the blade cover.

### 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

- Open the cock valve (part no. 39)
- Turn the lever (part no. 50) clockwise slowly and set the saw blade down to a required cutting depth
- Turn the wheel (part no. 54) to adjust a working speed  
**Caution:** Check the water tank of cutter often while working.  
Dry cutting causes a severe damage of saw blade and a bad effect on cutting efficiency.  
Use a quality saw blade for best efficiency in cutting working.

### 4) STOPPING

- Turn up the saw blade
- Slow down the throttle lever
- Push the stop button and hold down until the engine stops
- Close the fuel cock and water cock

### **3. SERVICE & MAINTENANCE**

#### **1) DAILY INSPECTION**

- a) Wash the saw blade, flanges and blade cover after working.  
Apply grease to the chain, wheels and other required parts.*
- b) Check all nuts and bolts and retighten them if necessary.*
- c) Check the V-belt and adjust it if it is loosened too much.*

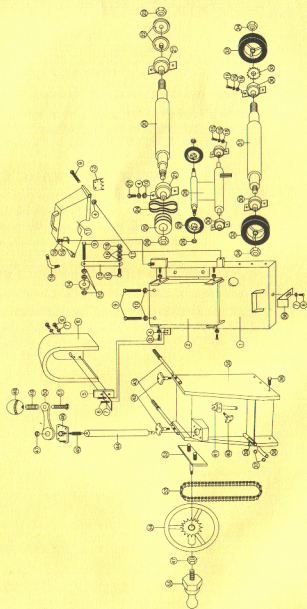
#### **2) AFTER 20 HOURS OPERATION**

- 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 the first 20 hours of operation,  
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.*





## PARTS LIST FOR CONCRETE CUTTER

REF. NO.	PART NAME	Q'TY	SPEC.
1	BASE (하판)	1	820x370mm
2	ENGINE BASE (엔진틀)	1	450x300mm
3	BOLT (엔진틀 고정볼트)	4	12mm x 25mm
4	PLAIN WASHER (엔진틀 고정 P/W)	5	12mm
5	BELT COVER BRACKET (벨트커버 브라켓)	1	
6	BOLT (엔진틀 고정 P/W)	5	8mm
7	PLAIN WASHER (엔진틀 고정볼트)	5	8mm x 20mm
8	BELT COVER (벨트커버)	1	
9	BOLT (엔진 상하 고정볼트)	5	12x100
10	NUT (엔진 상하 고정너트)	10	12
11	BLADE COVER (브레이드 커버)	1	
12	RUBBER GUARD (브레이드 스리크커바)	1	고무
13	LINE INDICATOR (작업라인 지시대)	1	
14	INDICATOR ROLLER (작업라인 롤러)	1	
15	BOLT (작업라인 고정볼트)	9	10x35
16	PLAIN WASHER (P/W)	15	10
17	SPRING WASHER (S/W)	1	10
18	NUT (너트)	13	10mm
19	HOSE NIPPLE (호스 닛플)	1	1.형
20	BLADE SHAFT (브레이드 샤프트)	1	
21	BEARING (U.C.P 베어링)	2	NO 207
22	BLADE FLANGE (브레이드 브라켓(한조))	2	
23	FLANGE NUT (브레이드 브라켓 너트)	1	23mm원쪽사
24	V-BELT (V벨트)	3	A형
25	PULLEY (풀리)	1	A형
26	NUT (너트)	3	20mm
27	BOLT (볼트)	2	6mm
28	F. WHEEL SHAFT (전륜축)	1	
29	F. WHEEL (전륜축 제스타)	2	6"
30	BEARING (U.C.P 베어링)	4	NO 205
31	R. WHEEL SHAFT (후륜축)	1	
32	R. WHEEL (후륜축 제스타)	2	
33	CHAIN GEAR, R. WHEEL (후륜 체인가이)	1	
34	NUT (후륜 고정너트)	2	20mm
35	WATER TANK (물통 보타)	1	
36	BOLT (물통 고정 볼트)	10	10x20
37	HOSE BAND (호스 밴드)	2	
38	WATER HOSE (물 호스)	1	
39	COCK VALVE (밸브)	1	3/8
40	SPANNER FIXING BOLT (공구 고정볼트)	1	10x30 볼
41	SPANNER (스패너)	2	50mm, 55mm
42	HANDLE FIXING BOLT (손잡이 고정볼트)	2	10x20 볼
43	HANDLE (손잡이 파이프)	2	
44	BLADE CONTROL SHAFT (U.P/DOWN) (브레이드 상하 조절대)	1	
45	BOLT (브레이드 각 볼트)	1	
46	BEARING (U.C.P 베어링)	1	204
47	NUT (너트)	2	16mm
48	KNOB (핸들 볼)	1	12mm PVC
49	SPRING (스프링)	1	
50	LEVER (U.P/DOWN) (상하 핸들 조작)	1	
51	BOLT (볼트)	1	12x20
52	HANDLE BRACKET (핸들 브라켓)	1	
53	CHAIN (체인)	1	NO.40 #
54	WHEEL (FORWARD/REVERSE) (전 후진 휠들)	1	
55	GREASE NIPPLE (구리스 닛플)	1	
56	BATTERY FIXING BRACKET (배터리 고정 집어)	1	