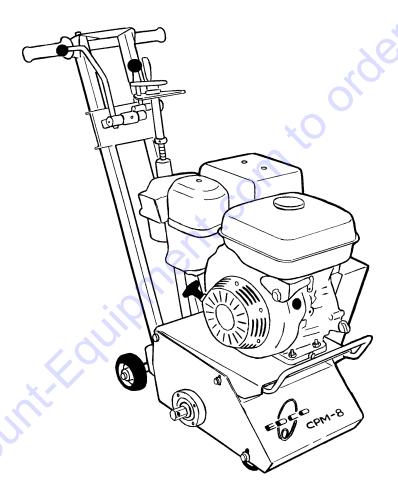
REVISED AUGUST 1998 STARTING SERIAL #11800

COMPAGT PLANER

PARTS LIST MANUAL



Model CPM-8





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We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep,Small Line, Wanco, Yanmar



READ AND UNDERSTAND THE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT.

Death or serious injury could occur if the machine is used improperly.



WARNING



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



SAFETY MESSAGE



The safety instructions are proceeded by a graphic alert message of DANGER, WARNING or CAUTION.



A safety instruction that advises that death or serious injury will result if instructions are not followed and caution exercised



A safety instruction that advises that death or serious injury can result if instructions are not followed and caution exercised



A safety instruction that advises that injury could result if instructions are not followed.

GASOLINE POWERED EQUIPMENT



The engine exhaust from this product contains chemicals known, in certain quantities, to cause cancer, birth defects or other reproductive harm.





Do not operate gasoline powered equipment without adequate ventilation. Carbon monoxide is an invisible, odorless gas that can kill.



ELECTRIC POWERED EQUIPMENT



ELECTRICAL HAZARD - Be sure equipment is properly grounded. Failure to comply could kill or result in serious injury.



WARNING

GENERAL SAFETY PRECAUTIONS CAUTION

- 1. You must read and understand the operators instruction manual and all other manuals associated with this machine. For your safety and the safety of others around you, it is extremely important to fully understand how to operate this machine in the way it was intended. Different model machines or older/newer versions of the same model may have different parts and controls that you need to understand. If instructions are not readable or available DO NOT USE this machine and contact Discount-equipment for a replacement Manual.
- You must be able to physically handle the bulk weight and power of this machine. If not properly controlled this machine can cause death or serious injury.
- 3. Do not operate this machine in an impaired mental state. You must be able to exercise good judgement and reactions to maintain a safe working environment.
- 4. This is a "one person" machine which means only one operator may be operating the machine at any one time. For the safety of others, maintain a safe operating distance to other personnel. Your work area should be defined and appropriately marked so bystanders and coworkers do not wonder near this machine and end up seriously injured by flying debris or exposing them to harmful noise or dust.
- 5. This equipment is for Commercial use. Although this is a "one person" machine your work team should understand how to shut this machine off and quickly get medical help if an accident strikes the operator.
- 6. Keep all guards in place during operation. The guards are in place to help protect from inadvertent contact with something dangerous like a pinch point or hot surface.
- 7. Wear appropriate Personal Protective Equipment (PPE) including safety glasses, safety boots, work gloves, respiratory protection (when required), hearing protection, and head protection.
 Do not wear loose clothing that can get tangled in moving parts. Failure to do so could result in dismemberment or death. Wear an approved respirator when removing hazardous materials or when grinding/cutting dry materials. Some dust particles such as concrete dust can contain silicate particles which can cause silicosis (a very serious lung disease). Contact NIOSH or OSHA for
 - further details.

 When wet grinding/cutting, avoid contact with the concrete/Asphalt slurry which can cause a serious skin irritation.
- 8. You must maintain this machine per the maintenance schedule in the operator manual. Remember before adjusting, servicing, or fueling this machine, disconnect the source of power to the machine by disconnecting the spark plug (Gas/diesel models), or by unplugging the electrical power cord (electric models) or air hose (Pneumatic models) AT THE MACHINE so you can assure yourself it remains unplugged while you are working on it. Do not modify this machine. Use only genuine EDCO parts and accessories. Repairs and service should be performed by approved EDCO dealers or authorized technicians.
- 9. You should look carefully around the area before you begin work so you can identify potential hazards such as deck inserts, pipes, columns, openings, electrical cords or outlets, or any other objects protruding from the slab surface.
- 10. This machine has no brain so you must use your own. There is no substitute for safety. The safety decals on the machine are to serve as a reminder for information you must already know before you begin using this machine. Take a moment to reread the safety decals each time you use the machine. If your machine is missing any decals, contact Discount-equipment for a replacement.

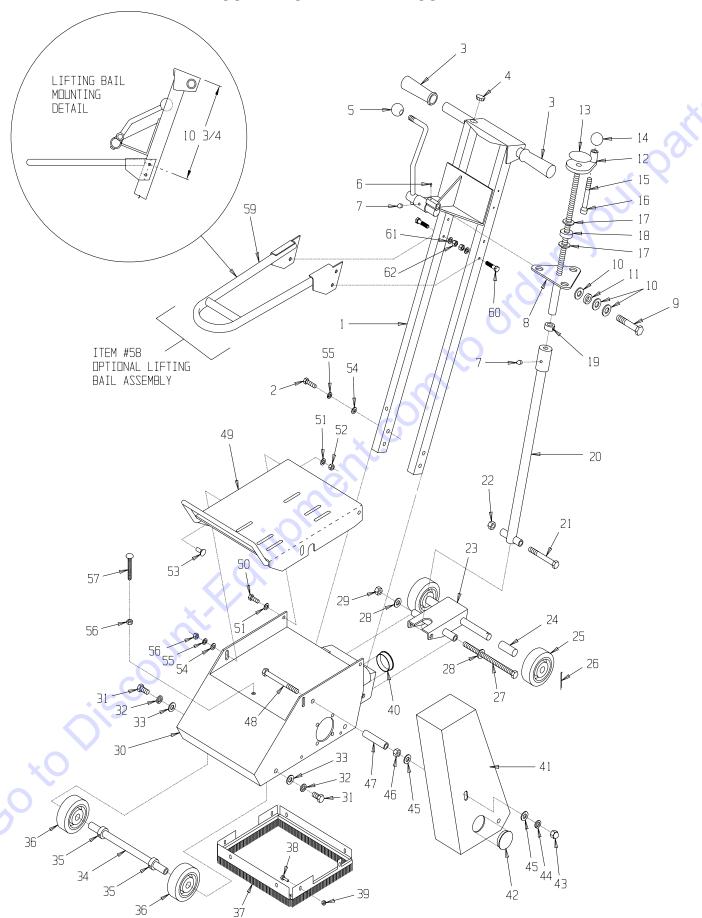
EDCO Model CPM-8, "COMPACT PLANER"

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(Back Cover) - Limited Equipment Warranty

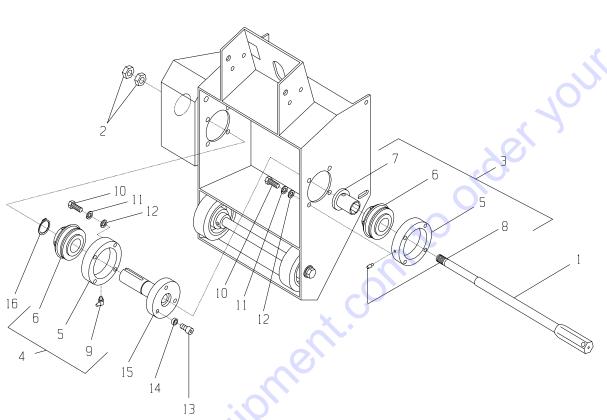
ILLUSTRATION 1: FRAME ASSEMBLY



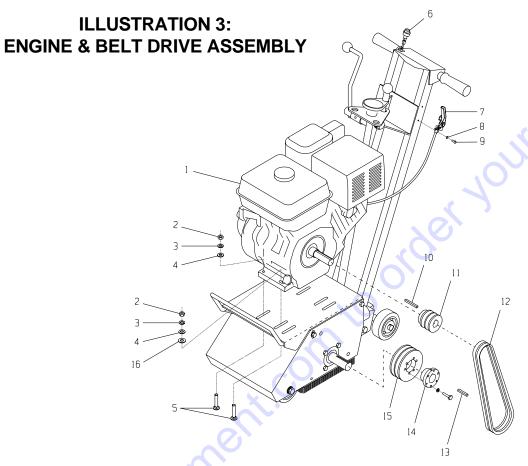
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PARTS LISTING - ILLUSTRATION 1: FRAME ASSEMBLY ITEM PART# **DESCRIPTION** QTY. Handle Bar, CPM-8 Screw, Cap 3/8-16 x 1 Grip, Hand 1" Model AT Plug, Hole 7/8" (Chrome) - Electric Models Only Knob, Ball 1-3/8" DIA. W/ 1/2-13 THD. Screw, Drive 1/8 X 1/4" L Fitting, Grease 1/4-28 Straight Linkage Support, Upper, CPM-4/8 Screw, Cap 5/8-11 X 3-1/4 Washer, Flat 5/8 Bushing, Rubber 5/8"ID X 1/4"THK Handwheel, Small W / 5/8-8 X 13"Rod Decal, Cut Control - DW N/UP (Small Round) Knob, Ball 1-3/8" DIA. W/ 1/2-13 THD. Screw, Skt. Hd. Cap 1/2-13 x 4-1/2 Sleeve for 1/2"Capscrew, Tapered Washer, Flat 5/8 Bearing, Ball 5/8"ID x 1-1/2"OD (Thrust) Collar, Locking 5/8" ID Linkage, Lower Screw, Cap 1/2-13 X 4 Nut, Lock 1/2-13 Fork Spacer, Rear Wheel 2-3/16" Wheel, 4 x 1-1/2 x 3/4" Brg. Alum./Rubber Pin, Cotter 3/16 x 1-1/4 Bolt, Allthread Rod 1/2-13 X 8 Washer, Flat 112 Nut , Lock 1/2-13 Main Frame Screw, Cap 1/2-20 x 1 Washer, Lock 1/2 Washer, Flat 1/2 Axle Shaft, Front 3/4" DIA. X 12-7/32" L, CPM-8 Collar, Locking 3/4" ID Wheel, 4 x 1-1/2 x 3/4" Brg. Alum./Rubber Brushes (Set of 4) Screw, Cap 1/4-20 x 1/2 Nut, Keps 1/4-20 Plug, Cap 2" Cover, Belt Plug, Hole 2" Nut, Acorn 1/2-20 Washer, Lock 1/2 Washer, Flat 1/2 Nut 1/2-20 Spacer Tube 1/2" ID X 3-9/16" L, CPM-8 Screw, Clap 1/2-20 x 5 Mount, Engine Motor, Standard, CPM-8 (Excluding 5.5 HP Honda) 5.5 HP Honda, CPM-8 (Export Models Only) Screw, Cap 3/8-24 X 1 Washer, Flat 3/8 Nut, Lock 3/8-24 Bolt, Carriage 3/8-16 X 1 Washer, Flat 3/8 Washer, Lock 3/8 Nut 3/8-16

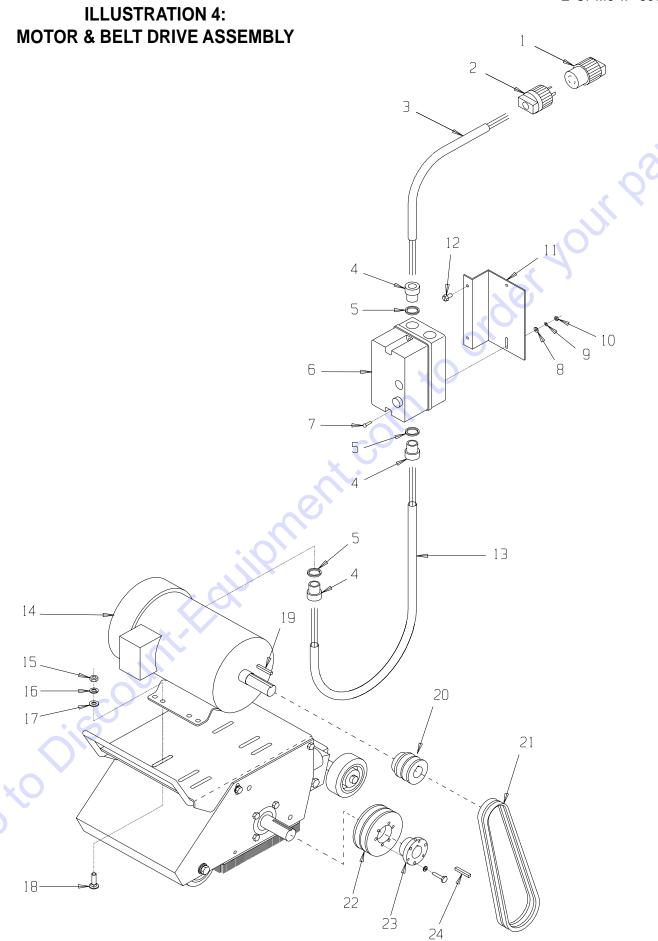
ILLUSTRATION 2: DRUM SHAFT AND BEARINGS



	P	ARTS LISTING - ILLUSTRATION 2:	
	1	DRUM SHAFT AND BEARINGS	
ITEM #	PART#	DESCRIPTION	QTY.
1	65037	Drum/Hub Shaft 18-3/8" Length, CPM-8	1
2	65039	Nut, Jam 5/8-11 Left-Hand Thread	2
3	65057	Bearing Assy. Complete, 1" Hex Bore	1
4	65056	Bearing Assy. Complete, 1-1/4" Dia. Bore	1
5	65031	Retainer, Bearing, CPM-8	2
6	65030	Bearing, Ball 1-1/4" W/Snap Ring	2
7	65033	Bushing, Bearing, 1" Hex Bore, CPM-8	1
8	10808	Fitting, Grease 1/4-28 Straight	1
9	10961	Fitting, Grease 1/4" -28 X 90°	1
10	10309	Screw, Cap 3/8-24 X 1-1/4"	8
11	10811	Washer, Lock 3/8"	8
12	10025	Washer, Flat 3/8"	8
13	10878	Screw, Skt. Hd. Cap 3/8-24 X 1"	3
14	10113	Spacer, Steel 9/16" OD X 3/8" ID X 7/32"	3
15	65038	Driver, CPM-8	
16	10873	Retaining Ring, Ext. 1-1/4" 5100-125	1



		PARTS LISTING - ILLUSTRATION 3: ENGINE & BELT DRIVE ASSEMBLY	
ITEM #	PART#	DESCRIPTION	QTY.
1		Engine	1
	15027	Honda 9.0 HP GX270	
	15015	Kohler 8.0 HP Magnum M8T	
	15039	B&S Vanguard 7.5 HP 138432	
	15033	B&S Vanguard 9.0 HP 185432	
	40387	Honda 5.5 HP GX160 (Export Models Only)	
2	10054	Nut 5/16-18	4
3	10801	Washer, Lock 5/16	4
4	10213	Washer, Flat 5/16	4
5	10918	Bolt, Carriage 5/16-18 X 1-3/4	4
6	50010	Switch Kit, Stop Button, 7/8" Hole	1
7	40388	Cable, Throttle Control, Lever-Type 24"	1
8	10831	Washer, Lock, Int. Tooth #10	2
9	10828	Screw, Self-Tap Pan Head 10-24 X 1/2	2
10	10307	Key 1/4 SQ X 2-1/4	1
11		Sheave	111
	10553	2.5" OD X 2 Gr. A X 1" Bore (Excluding Honda 5.5 HP GX160)	
	10559	2.5" OD X 2 Gr. A X 3/4" Bore (For use with Honda 5.5 HP only)	
12		Belt	2
	81007	AX-33 (Excluding Honda 5.5 HP GX160)	



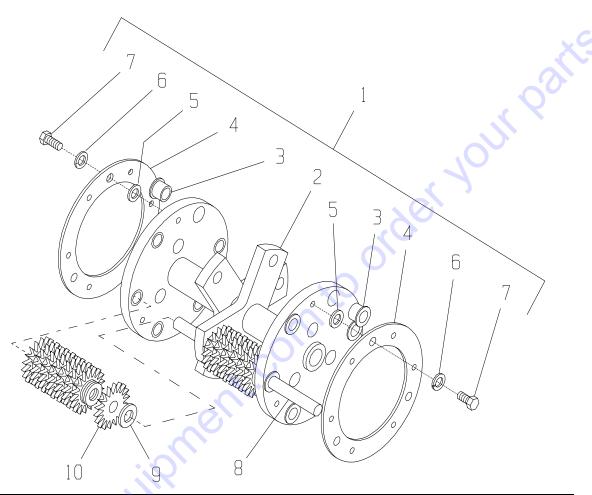
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		RTS LISTING - ILLUSTRATION 4: TOR & BELT DRIVE ASSEMBLY	
ITEM #	PART#	DESCRIPTION	QTY.
1	40000	Plug Connector, Locking 20A/250V (See Note)	1
2	40037	Plug, Locking 20A/250V (See Note)	1
3		Wire Harness (See Note)	1
	86026	10/3 x 24" LOA	
	86022	12/4 x 24" LOA	
4	10605	Connector, Strain Relief 3/4 NPT x .650750" Range	3
5	10740	Conduit Lock Nut 3/4 NP	3
6	85045	Starter CA3-30 W/ Large Enclosure	
		(Specify HP, Phase, Volts, Amps, Hertz)	7
7	10362	Screw, Machine 8-32 x 3/4	2
8	10850	Washer, Flat #10	2
9	10461	Washer, Lock, Int. Tooth #8	2
10	10462	Nut 8-32	2
11	86027	Mounting Brkt., Large CA3-30 Starter	1
12	10846	Screw, Self-Tap Hex Washer 1/4-20 x 1/2	2
13		Wire Harness (See Note)	1
	65040	10/3 x 50" CPM-8-E 1-Phase	
	65041	12/4 x 50" CPM-8-E 3-Phase	
14		Motor	1
	81026	Baldor 5.0 HP-1 PH, 60 HZ, 3450 RPM	ļ
	81022	Baldor 5.0 HP-3 PH, 60 HZ, 3450 RPM	ļ
	16020	Baldor 5.0 HP-3 PH, 50 HZ, 2850 RPM	ļ
15	10054	Nut 5/16-18	4
16	10801	Washer, Lock 5/16	4
17	10213	Washer, Flat 5/16	4
18	10819	Bolt, Carriage 5/16-18 x 1	4
19	10101	Key 1/4" SQ x 1-3/4" (Included with motor)	1
20		Sheave (See Chart)	1
	10555	2.50" OD x 2 Gr. A x 1-1/8" Bore	
	10526	3.00" OD x 2 Gr. A x 1-1/8" Bore	<u> </u>
21	10239	Belt AP-32	2
22	40317	Key 1/4" SQ X 1-5/8"	1
23	10505	Bushing, Sheave SH x 1-1/4" Bore	1
24	65045	4.05" OD x 2 Gr. A x SH	1
		NOTE:	
		Plug and Connector (Items #1 & #2)	
		are not supplied on 3 Phase Units.	
l			

Single Phase units use 10/3 Wire Harness. Three Phase units use 12/4 Wire Harness

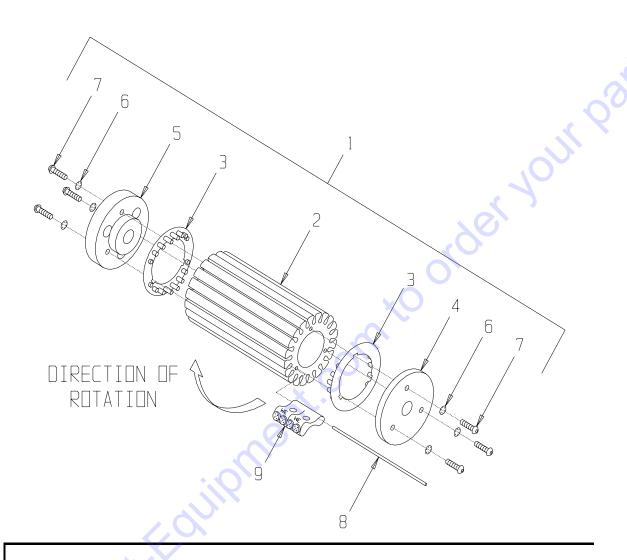
BELT DRIVE SPECIFICATIONS CHART FOR ELECTRIC CPM-8 **DRUM RPM MOTOR SHEAVE DRUM SHEAVE MOTOR SPECS BELT SIZE** (NO LOAD) (ITEM #20) (ITEM #24) 5.0 HP/60 Hz 2.50" O.D. 4.05" O.D. 1997 RPM AP-32 3450 RPM (1 PIECE) (SH 1-1/4) 5.0 HP/60 Hz 3.00" O.D. 4.05" O.D. 2025 RPM AP-32 2850 RPM (1 PIECE) (SH 1-1/4)

ILLUSTRATION 5: CUTTER WHEEL DRUM ASSEMBLY (STANDARD)



PARTS LISTING - ILLUSTRATION 5: CUTTER WHEEL DRUM ASSEMBLY (STANDARD)				
ITEM #	PART#	DESCRIPTION	QTY.	
1	65050	Drum Assy. Complete, CPM-8 Cutter (Includes Items 2 thru 8)		
2	65051	Drum Only, Cutter, CPM-8	1	
3	65055	Bushing, Drum, Hardened Steel 1/2" ID	12	
4	65054	Retaining Plate, Cutter Shaft CPM-4/8	2	
5	10801	Washer, Lock 5/16	6	
6	10213	Washer, Flat 5/16	6	
7	10053	Screw, Cap 5/16-18 X 3/4	6	
8	20150	CP407 Cutter Shaft For CPM-8, 8-1/2" L	6	
9	12230	CG227 Spacer 1/2" ID	¤	
10		Cutter Wheels	¤	
	12206	JRS501-P, 18 Tooth - Pointed		
		Light Scarifying, Hi Carbon Steel, 2" OD x 1/2" ID x 3/16" THK		
	20206	CP305, 12 Tooth, Flat Tip		
		General Purpose, Hi Carbon Steel, 2" OD x 5/8" ID x 3/16" THK		
	20156	CP206T, 6 Point		
		Long Lasting, Tungsten Carbide, 1-3/4" OD x 5/8" ID x 1/4" THK		

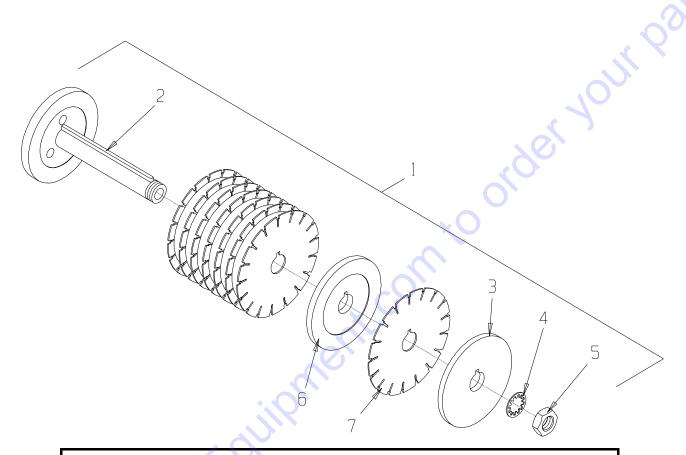
ILLUSTRATION 6: ROTO-PEEN FLAP HUB ASSEMBLY (STANDARD)



PARTS LISTING - ILLUSTRATION 6: ROTO-PEEN FLAP HUB ASSEMBLY (STANDARD)

		TELITIES TIGESTINEET (CITATESTINE)	
ITEM #	PART#	DESCRIPTION	QTY.
15	65060	Hub-8 Assembly, Complete, ROTO-PEEN 7-1/2"	
		(Includes Items 2 thru 8)	
2	65066	Hub Only, ROTO-PEEN 7-1/2" CPM-8	1
3	25060	Spacer Ring, ROTO-PEEN Hub	2/Set
4	65067	Flange, End Cap, ROTO-PEEN, CPM-8	1
5	65068	Flange, Driver, ROTO-PEEN Hub, CPM-8	11
6	10451	Washer, Lock, Int. Tooth 1/4"	6
7	10871	Screw, Skt. Button Head 1/4-20 X 1	6
8	65065	Keeper Pin 7", ROTO-PEEN, Set of 20	1 Set
9	-	FLAP, ROTO-PEEN	¤
	25020	2" TYPE B	
	25021	2" TYPE C	
	25022	2" TYPE D	

ILLUSTRATION 7: DIAMOND GROOVING HEAD ASSEMBLY (STANDARD)



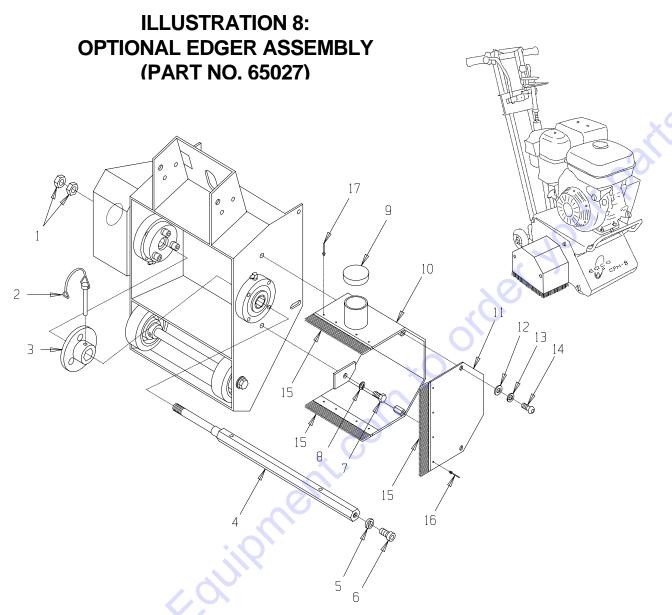
PARTS LISTING - ILLUSTRATION 7: DIAMOND GROOVING HEAD ASSEMBLY (STANDARD)

ITEM #	PART#	DESCRIPTION	QTY.
1	65077	Diamond Grooving Head Assembly	
+ 6		(Includes Items 2 through 5)	
2	65070	Arbor, Diamond Grooving Head, CPM-8	1
3		Arbor, Blade Retaining Cap 6", CPM-8	1
4	65075	Washer, Lock, Int. Tooth 1-1/4"	1
5	65076	Nut, Jam 1 1/4-12	1
6		Spacer, Blade	¤
	65072	6" O.D. X 1-1/4" I.D. X .063" THK	
	65073	6" O.D. X 1-1/4" I.D. X 1/2" THK	
	65074	6" O.D. X 1-1/4" I.D. X 1" THK	
	65078	6" O.D. X 1-1/4" I.D. X 5/8" THK	
7	39808	DCC-05S Diamond Blade, 7 x .090 x 1.25" W/ Keyway	¤

¤ NOTE:

Diamond Blades and Spacers are not included with Head Assembly.

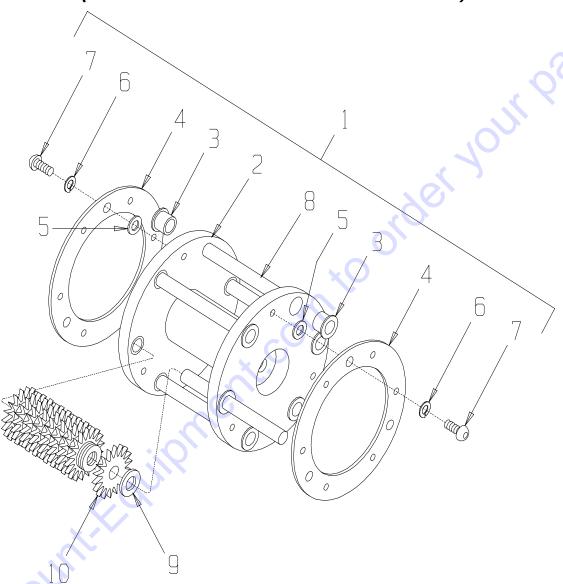
These quantities vary with the type of set-up used.



PARTS LISTING - ILLUSTRATION 8:				
OPTIONAL EDGER ASSEMBLY				
ITEM #	PART#	DESCRIPTION	QTY.	
1	65039	Nut, Jam 5/8-11 Left-Hand Thread	2	
2	65028	Pin, Wire Lock 5/16 X 2-3/4	1	
3	65026	Flange, Driver, CPM-8 Edger	1	
4	65025	Drum Shaft, Side Mounted Edger, CPM-8	1	
5	10420	Washer, Lock 1/2 Heavy-Duty	1	
6	10490	Screw, Skt. Hd. Cap 1/2-13 X 1	1	
7	10907	Screw, Cap 3/8-16 X 3/4	2	
8	10811	Washer, Lock 3/8	2	
9	65021	Plug, Cap 2"	1	
10	65023	Cover W/ Brushes, CPM-8 Edger	1	
11	65024	Cover Side Panel W/ Brush, CPM-8 Edger	1	
12	10213	Washer, Flat 5/16	2	
13	10801	Washer, Lock 5/16	2	
14	10627	Screw, Skt. Button Head 5/16-18 X 3/4	2	
15	65029	Brushes (SET OF 3) Edger (Included with Items 10 & 11)	1 1	
16	10128	Rivet, Blind 1/8 X .265" L X .250" HD. DIA.	4	

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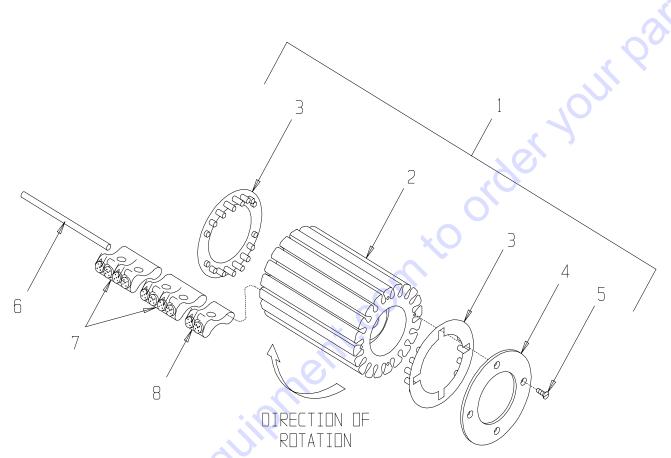
PARTS LISTING-ILLUSTRATION 9: OPTIONAL CUTTER WHEEL DRUM ASSEMBLY (USED WITH EDGER ASSEMBLY ONLY)



PARTS LISTING - ILLUSTRATION 9: OPTIONAL CUTTER WHEEL DRUM ASSEMBLY				
ITEM #	PART#	DESCRIPTION	QTY.	
1	C66040	Drum Assembly, Cutter CPM-4 (Includes Items 2 thru 8)		
2	C66041	Drum Only, Cutter, CPM-4	1	
3	65055	Bushing, Drum, Hardened Steel 1/2" ID	12	
4	65054	Retaining Plate, Cutter Shaft CPM-4/8	2	
5	10213	Washer, Flat 5/16	6	
6	10801	Washer, Lock 5/16	6	
7	10627	Screw, Skt. Button Head 5/16-18 X 3/4	6	
8	C66043	CP410 Shaft, 1/2 X 5-1/4"L, CPM-4	6	
9	12230	CG227 Spacer 1/2" ID Page 13	¤	

PARTS LISTING-ILLUSTRATION 10: OPTIONAL ROTO-PEEN FLAP HUB ASSEMBLY

(USED WITH EDGER ASSEMBLY ONLY)



PARTS LISTING - ILLUSTRATION 10: OPTIONAL ROTO-PEEN FLAP HUB ASSEMBLY				
ITEM #	PART#	DESCRIPTION	QTY.	
1	C66050	Hub-4 Assembly. Complete, Roto-Peen 5-1/2"		
2	C66051	Hub Only, Roto-Peen, CPM-4	1	
3	25060	Spacer Ring, Roto-Peen Hub	2/Set	
4	C66052	Retaining Plate, Roto-Peen Flap CPM-4	1	
5	10628	Screw, Flat Head Slotted 8-32 X 1/2	4	
6	C66054	Keeper Pin 5", Roto-Peen, Set of 20	1 Set	
7		Roto-Peen Flap 2"	¤	
	25020	Туре В		
	25021	Туре С		
	25022	Type D		
8		Roto-Peen Flap 1" (Cut 2" Flap in Half)	¤	
	¤ NOTE:			

Flaps are not included with Hub Assembly. Number of Flaps vary with type of set-up used.

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