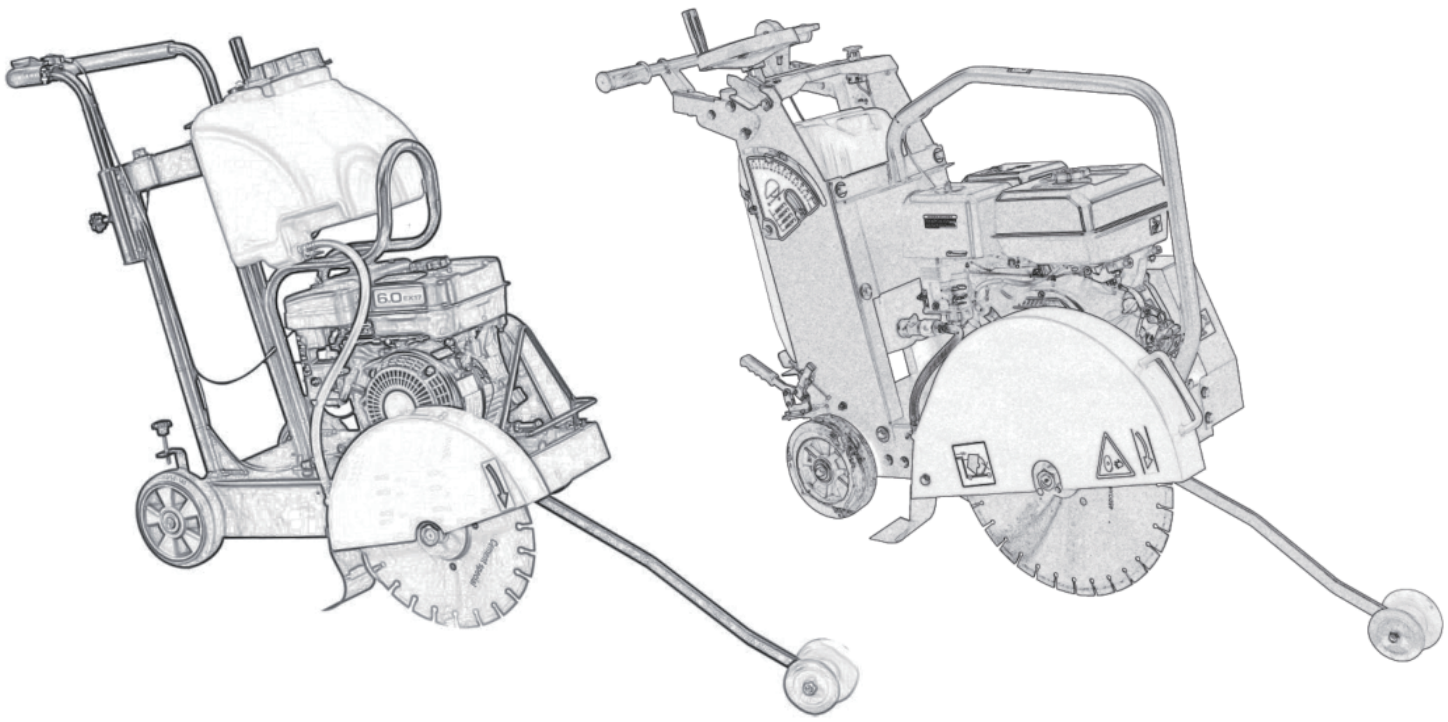
WALK BEHIND FLOOR SAW

Model: FS350H/FS350Z
FS480H/ FS480Z

1 YEAR WARRANTY



Operator's Manual

MechMaxx

www.mechmaxx.com

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SPECIFICATIONS

Model	FS350H	FS350Z
Engine	Honda GX160	Zonsen GB210
Engine Type	Single-Cylinder, 4-Stroke, Air-Cooled, OHV Gasoline Engine	
Engine Displacement	163 cc	208 cc
Horsepower	4.8 HP (3.6kW) @ 3600 RPM	5.8 HP (4.3kW) @ 3600 RPM
Start System	Recoil	
Fuel Tank Capacity	3.3 US qt (3.1L)	2.8 US qt (2.6L)
Engine Oil Capacity	0.61 US qt (0.6L)	
Blade Diameter	14 in	
Max Cutting Depth	4 in	
Arbor Diameter	1 in	
Water Tank Capacity	3.2 US gal	
Overall Dimension (LxWxH)	35 x 19 x 34 in	
Weight	143/lbs	

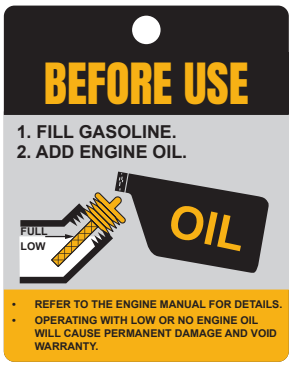
Model	FS480H	FS480Z
Engine	Honda GX390	Zonsen GB460B
Engine Type	Single-Cylinder, 4-Stroke, Air-Cooled, OHV Gasoline Engine	
Engine Displacement	389 cc	459 cc
Horsepower	11.7 HP (8.7kW) @ 3600 RPM	15.0 HP (11kW) @ 3600 RPM
Start System	Recoil	
Fuel Tank Capacity	6.4 US qt (6.1 L)	6.3 US qt (6 L)
Engine Oil Capacity	1.16 US qt (1.1 L)	
Blade Diameter	20 in	
Max Cutting Depth	7 in	
Arbor Diameter	1 in	
Water Tank Capacity	7.9 US gal	
Overall Dimension (LxWxH)	44 x 20 x 37 in	
Weight	231lbs	243lbs

Specifications are subject to change without notice.

Engine specifications may vary by configuration. Refer to the engine manufacturer's manual for engine-specific service information.

SAFETY LABELS

LABEL LOCATIONS

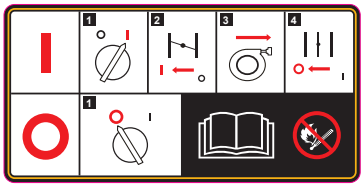
















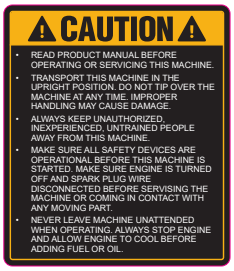


SAFETY LABELS

The machines use international pictorial labels where needed. These labels are described below:

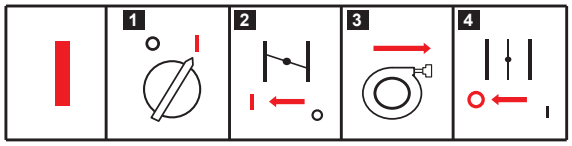
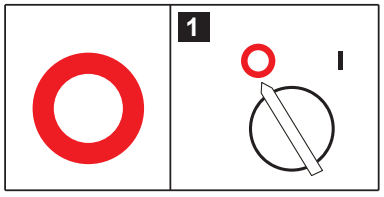
NOTE: These molded-in label contains important safety and operating information. If the label becomes illegible, replace it immediately. Contact MechMaxx or an authorized service dealer for replacement labels.

Label	Meaning
	**DANGER!** Wear appropriate PPE including gloves, eye protection, hearing protection, and safety footwear. Do not touch the engine or muffler during or immediately after operation—hot surfaces may cause burns. Keep hands and feet away from moving parts. Operate only in well-ventilated areas to avoid carbon monoxide exposure.
	**WARNING!** Before use, fill the fuel tank with gasoline and add engine oil to the proper level. Operating the engine with low or no oil will cause permanent engine damage and may void the warranty. Refer to the engine manual for detailed instructions.

Label	Meaning
	**CAUTION!** Read the operator's manual before operating the machine. Transport only in the upright position. Keep unauthorized persons away from the equipment. Ensure all safety devices are in place before starting the engine. Stop the engine and allow it to cool before servicing or refueling. Never leave the machine running unattended.
	**WARNING!** Keep hands and feet clear of the blade and all moving parts during operation. Contact with moving parts may cause serious injury.
	**NOTICE:** Use the blade depth control to raise or lower the blade.
	**WARNING!** Before moving the machine outside the cutting area, make sure the blade is raised and the cutting tool has stopped rotating.
	**CAUTION!** Read the operator's manual for machine information.
	**DANGER!** Keep sparks, flames, and hot materials away from the machine.
	**CAUTION!** Lifting point.

OPERATING LABELS

The machines use international pictorial labels where needed. These labels are described below:

Label	Meaning
	START THE ENGINE 1. Turn the engine switch to the ON position 2. Close the choke 3. Pull the recoil starter 4. Open the choke.
	Stop the engine: Turn the engine switch to OFF position.
	Throttle control lever: Turtle = Idle or Slow Rabbit = Full or Fast

RULES FOR SAFE OPERATION

WARNING:

Failure to follow instructions in this manual may lead to serious injury or even death! This equipment is to be operated by trained and qualified personnel only! This equipment is for industrial use only.

The following safety guidelines should always be used when operating these Floor Saws:

GENERAL SAFETY

- DO NOT operate or service this equipment before reading the entire manual.
- This equipment should not be operated by persons under 18 years of age.
- NEVER operate this equipment without proper protective clothing, shatterproof glasses, steel-toed boots and other protective devices required by the job.
- NEVER operate this equipment when not feeling well due to fatigue, illness or taking medicine.
- NEVER operate this equipment under the influence or drugs or alcohol.
- NEVER use accessories or attachments, which are not recommended by our company for this equipment. Damage to the equipment and/or injury to user may result.
- The manufacturer does not assume responsibility for any accident due to equipment modifications.
- Whenever necessary, replace nameplate,operation and safety decals when they become difficult to read.
- ALWAYS check the machine for loosened threads or bolts before starting.
- NEVER touch the hot exhaust manifold, muffler or cylinder. Allow these parts to cool before servicing engine or saw.
- High Temperatures – Allow the engine to cool before adding fuel or performing service and maintenance functions. Contact with hot components can cause serous bums.
- The engine section of this saw requires an adequate free flow of cooling air. NEVER operate the saw in any enclosed or narrow area where free flow of the air is restricted. If the air flow is restricted it will cause serious damage to the saw or engine and may cause injury to people. Remember the saw's engine gives off DEADLY carbon monoxide gas.
- ALWAYS refuel in a well-ventilated area, away from sparks and open flames.
- ALWAYS use extreme caution when working with flammable liquids. When refueling, stop the engine and allow it to cool. DO NOT smoke around or near the machine. Fire or explosion could result from fuel vapors, or if fuel is spilled on a hot engine.
- NEVER operate the saw in an explosive atmosphere or near combustible materials. An explosion or fire could result causing severe bodily harm or even death.
- Topping-off to the fuel filler port is dangerous, as it tends to spill fuel.
- NEVER use fuel as a cleaning agent.
- ALWAYS read, understand, and follow procedures in operator's Manual before attempting to operate equipment.
- ALWAYS be sure to operator is familiar with proper safety precautions and operating techniques before using the saw.
- Stop the engine when leaving the saw unattended.
- Block the unit when leaving or when using on a slope.
- Maintain this equipment in a safe operating condition at all times.
- ALWAYS stop the engine before serving, adding fuel and oil.
- NEVER run engine without air filter. Severe engine damage may occur.
- ALWAYS service air cleaner frequently to prevent carburetor malfunction.

- ALWAYS store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.
- NEVER operate this cutter in areas that contain combustible material or fumes. Fire and/or explosions may result from errant sparks from the equipment.

WARNING:

- DO NOT operate this equipment unless all guards and safety devices are attached and in place.
- Caution must be exercised while servicing this equipment. Rotating and moving parts can cause injury if contacted.
- Keep all inexperienced and unauthorized people away from the equipment at all times.
- Unauthorized equipment modifications will void all warranties.

DIAMOND BLADE SAFETY

- Use appropriate steel centered diamond blades manufactured for use on Floor Saws.
- ALWAYS inspect diamond blades before each use. The blade should exhibit no cracks, dings, or flaws in the steel centered core and/or rim. Center (arbor) hole must be undamaged and true.
- Examine blade flanges for damage, excessive wear and cleanliness before mounting blade. Blade should fit snugly on the shaft and against the inside/outside blade flanges.
- Ensure that the blade is marked with an operating speed greater than the blade shaft speed of the saw.
- Only cut the material that is specified by the diamond blade. Read the specifications of the diamond blade to ensure the proper tool has been matched to the material being cut.
- ALWAYS keep blade guards in place. Exposure of the diamond blade must not exceed 180 degrees.
- Ensure that the diamond blade does not come into contact with ground or surface during transportation. DO NOT drop the diamond blade on ground or surface.
- The engine governor is designed to permit maximum engine speed in a no-load condition. Speeds that exceed this limit may cause the diamond blade to exceed the maximum safe allowable speed.
- Ensure that the blade is mounted for proper operating direction.

FLOOR SAW TRANSPORTATION SAFETY

- Use the lifting bail and appropriate lifting equipment to ensure the safe movement of the saw.
- DO NOT use the handle bars and/or front pointer as lifting points.
- NEVER tow the saw behind a vehicle.
- Ensure that both pointer bars are positioned appropriately to minimize their exposure during transportation.
- Safeguard against extreme saw attitudes relative to level. Engines tipped to extreme angles may cause oil to gravitate into the cylinder head making the engine difficult to start.
- NEVER transport the saw with the blade mounted.

EMERGENCIES

- ALWAYS know the location of the nearest fire extinguisher and first aid kit. Know the location of the nearest telephone. Also know the phone numbers of the nearest ambulance, doctor and fire department. This information will be invaluable in the case of an emergency.

MAINTENANCE SAFETY

- NEVER lubricate components or attempt service on a running machine.
- ALWAYS allow the machine a proper amount of time to cool before servicing.
- Keep the machinery in running condition.
- Fix damage to the machine immediately and always replace broken parts.
- Dispose of hazardous waste properly. Examples of potentially hazardous waste are used motor oil, fuel and fuel filters.
- DO NOT use food or plastic containers to dispose of hazardous waste.

OPERATION

INTRODUCTION/DETERMINING THE RIGHT MACHINE

Congratulations on your purchase of our saw! You've made an excellent choice! Our floor saw has been specifically designed as the ideal machine for the professional contractor who is engaged in concrete andasphalt flat cutting.

The machines used for the primary purpose of "flat" cutting.

This type of cutting is described as "flat" because the pavement is cut somewhere close to a horizontal plane. It is the most common type of diamond blade cutting.

Floor saws in the industry are available in a variety of types, sizes and styles, they range from manual or self propelled in horsepower from 7-72hp. It is possible to cut both concrete (green or cured, with or without rebar) or asphalt with a floor saw. Our saw utilized for jobs requiring precision cutting including floors, pavements, walkways, ramps and other flat sawing applications.

You will find a saw to fit a wide variety of job applications.

Upon receipt of your machine, CAREFULLY CHECK FOR ANY FREIGHT DAMAGE. Any damage should be immediately reported to the carrier and a claim registered.

OPERATING PRINCIPLE

The following instructions were compiled to provide you information on how to obtain long and trouble free use of the unit. Periodic maintenance of this unit is essential. Read the manual in its entirety and follow the instructions carefully. Failure to do so may injure yourself or a bystander.

DELIVERY CHECKS

Immediately upon taking delivery of your new equipment and before putting it into service:

- Read the handbook completely—it could save a great deal of unnecessary expense.
- Read the engine manual supplied.
- Check the general condition of the equipment—has it been damaged duringdelivery?
- Check engine oil level.
- Check fuel levels.

Recommend lubricants are detailed in the CARE AND MAINTENANCE section.

INSTALLING BLADE

1. Be certain that the spark plug wire is disconnected before installing the blade.
2. Remove the blade shaft nut, and take off outside blade shaft flange.
3. Clean off any foreign particles on the clamping surfaces of flanges and on the mounting surface of the blade.
4. Place the blade on the blade shaft, lining up the offset drive pin in the blade with the drive pin in the mounting collar (if the pin system is available on the machine). If your blade has a directional rotational arrow, position arrow for down cut (diamond tail trailing for down cut).
5. Replace the outside blade shaft flange on the blade shaft. Drive pin on the inside collar must project through the drive hole in the blade and into the outside collar (if the pin system is available on the machine).
6. Tighten the blade shaft nut securely against star washer and outside flange, using wrench supplied.
7. Reconnect the spark plug wire after installation is complete.

TYPES OF CUTTING

Cut speed depends entirely on using the correct blade for the material to be cut. Wet or dry, diamond blades of various specifications are available for cutting concrete or asphalt.

BEFORE STARTING

1. Use correct blade for cutting conditions.
2. Ensure arbors and flanges are clean and undamaged.
3. Mount blade and tighten securely using wrench.
4. When wet cutting, check water jets for adequate flow.
5. Align pointer with cutter blade.

CAUTION

Set unit up in an open area. Avoid close proximity to structures or other equipment. Failure to do so may cause inadvertent injury to operator or other persons in the area.

COLD START

Open the fuel valve under the gas tank all the way. Position the engine stop switch, located on the engine, to run. Open the throttle approximately half way and apply the choke. Pull the starter rope sharply. When the engine starts, open the choke and adjust the throttle as necessary to keep it running. Allow the engine to warm up for a few minutes before placing it under the load. If the engine doesn't start after (3) pulls, open choke slightly to prevent flooding. Always operate the engine at full throttle when under load.

HOT START

Open the valve under the gas tank all the way if it has been shut off. Open the throttle approximately half way. Do not apply the choke. Pull the starter rope sharply until the engine starts. When the engine starts, adjust the throttle. Always operate the engine at full throttle when under load.

NOTE: These starting instructions are general guidelines only. Since many engine options are available, consult the Engine Manual included with this unit for specific instructions.

CAUTION

Gasoline Engines – To improve the engine service life, allow the engine to idle without load for (2) to (5) minutes before shutting it down. When the idling period is up, use the stop switch located on the engine and turn it to stop. Close the fuel valve under the gas tank. Engine flooding can occur if the valve is left open during transport.

TO START CUTTING

1. Start engine and let engine warm up. All cutting is done at full throttle.
2. Align blade and saw with cut. If wet cutting, open water valve and turn water safety switch on.
3. Push and guide the saw manually using the handles. This machine is not self-propelled and does not have powered forward or reverse travel. Keep both hands on the handles and maintain full control of the saw while following the cutting line.
4. Lower blade into cut slowly.
5. Cut as fast as blade will allow. If blade climbs out of cut, reduce forward speed or depth of cut.
6. Use only enough side pressure on saw handles to follow cutting line.

CUTTING

Lower the blade into concrete to required depth by turning the tilt crank counterclockwise. Ease the saw slowly forward. Slow forward pressure if the saw begins to stall.

NOTE: For deeper cuts (4 inches/102mm or more), several cuts should be made in incremental steps of 1-1/2 inch (38mm) to 2 inches (51mm) until the desired depth is reached.

Push the saw steadily forward using the front pointer as a guide. Exert enough forward pressure so that the engine/motor begins to labor, but does not slow down. If the saw begins to stall, retard forward movement until full RPM is restored to the blade. If saw stalls, raise the blade out of the cut before restarting. Avoid excessive side pressure or twisting of the blade in the cut.

BELTS & PULLEYS

NEVER MAKE ADJUSTMENTS TO V-BELTS AND PULLEYS WHILE ENGINE IS RUNNING.

1. The best tension for a v-belt drive is the lowest tension at which the belts will not slip under full load.

2. Take up tension until the belts are snug in the grooves. Run the drive for about five (5) minutes to "seat" the belts. The impose the peak load. If the belts slip, tighten them until they no longer slip at peak load. Most new belts will need additional tensioning after seating.

3. Remember, too much tension shortens belt and bearing life.

4. Check the belt tension frequently during the first day of operation. Check the belt tension periodically thereafter and make any necessary adjustments.

5. The two most common causes of sheave misalignment are:

a) The engine drive shaft and the blade shaft are not parallel.

b) The pulleys are not located properly on the shafts.

6. To check alignment, use a steel straight edge. See Figure 1.

7. Line up the straight edge along the outside face of both pulleys shown in the drawing. All pulleys have (2) set screws in the bottom of their grooves. Set screws require thread locking lock title.

8. Misalignment will show up as a gap between the pulley face and straight edge. Make sure there is clearance between arbor pulley and saw base on both sides.

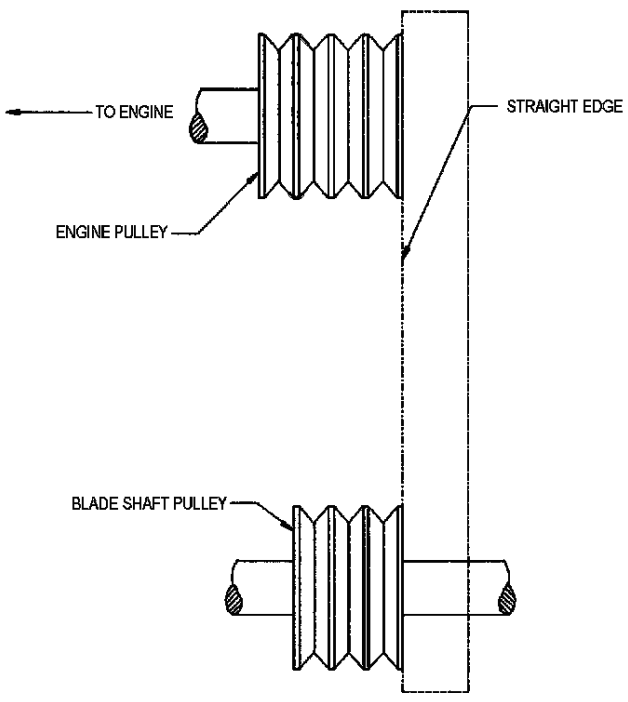


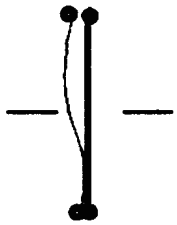
Figure 1

DRY CUTTING

- Never operate any saw without safety guards in place.
- Do not exceed maximum operating speed established for blade diameter.
- Do not force blade into material: allow blade to cut at its own speed.
- Do not make long continuous cuts. Never dry cut for more than 30 seconds at a time. Allow blade to cool.
- Do not cut or grind with side of blade or cut a curve or radius. Do not cut dry with blades recommended for wet cutting.
- Do not operate saw with blade diameter larger than machine's capacity.

MAINTAINENACE - TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
UNEVEN SEGMENT WEAR 	• (In wet cutting) Insufficient water (usually on one side of blade). • Equipment defects also can cause the segments to wear unevenly. • Saw head is misaligned.	• Flush water system. • Check flow to both sides of blade. • Replace bad bearings, worn arbor shaft or misalignment to spindle. • Check alignment for squareness, both vertically and horizontally, of the saw blade.
SEGMENT CRACKS 	• Blade is too hard for material being cut.	• Use a blade with a softer bond/matrix.
SEGMENT LOSS 	• Blade overheats because of lack of coolant (water or air). • Core is worn from undercutting. • Defective collars/flanges set blade out of alignment. • Blade is too hard for material being cut. • Blade is cutting out of round, causing a pounding motion. • Improper blade tension.	• (Wet Cutting) Check water lines. • Make sure flow is adequate on both sides of blade and there are no blockages • Use sufficient water to flush out the cut. • (Dry Cutting) Run blade free of cut periodically to air cool. • Clean collars/flanges or replace if they are under recommended diameter. • Use proper blade specification fing. for material being cut. • Replace wom bearings; realign blade shaft or replace worn blade mounting arbor. • When ordering blades match shaft speed of saw. • Check spindle speed to ensure blade is running at correct RPM. • Avoid twisting or turning blade in the cut.
CRACKS IN CORE 	• Blade flutters in cut as a result of losing blade tension. • Blade specification is too hard for the material being cut.	• Tighten the blade shaft nut. • Make sure blade is running at proper speed and that drive pin is functioning properly. • Use a softer bond/matrix to eliminate stress.

PROBLEM	CAUSE	REMEDY
LOSS OF TENSION 	• Core overheating. • Core overheating as a result of blade spinning on arbor. • Core overheating from rubbing the material being cut. • Unequal pressure at blade clamping collars/flanges. • Blade is too hard for the material being cut.	• Make certain blade RPM is correct. • Check water flow, distribution and lines. • Tighten the blade shaft nut. Make certain the drive pin is functioning. • Properly align the saw to square cut. • Collars/flanges must be identical in diameter and the recommended size. • Use a softer bond/matrix to reduce stress.
BLADE WOBBLES 	• Blade is on a damaged or worn saw. • Worn collar. • Blade runs at an incorrect speed. • Collar/flange diameters are not identical. • Blade is bent as a result of dropping or twisting.	• Check for bad bearings, bent shaft, or worn mounting arbor. • Check collars/flanges to make sure they are clean, flat and of correct diameter. • Set engine at proper RPM. • Use proper size blade collars/flanges. • DO NOT use bent blade. Contact blade manufacturer.
BLADE WILL NOT CUT 	• Blade is too hard for material being cut. • Blade has become dull. • Blade does not cut material it was specified for.	• Select proper blade for material being cut. • Sharpen by cutting on softer abrasive material to expose diamonds. If continually sharpening, the blade is too hard for the material being cut. • Break-in on the material to be cut. If it does not dress itself, sharpen as you would a dull blade.
UNDERCUTTING THE CORE 	• Abrasive wearing of the core faster than the segments.	• Use water to flush out fines generated during cutting • Use wear-resistant cores.
ARBOR HOLE OUT-OF ROUN 	• Collars/flanges are not properly tightened, permitting blade to rotate or vibrate on the shaft. • Collars/flanges are worn or dirty. Blade is not properly mounted.	• Make certain the blade is mounted on the proper shaft diameter. Tighten the shaft nut with a wrench to make certain that the blade is secure. • Clean collars/flanges, make sure they are not worn. Tighten arbor nut. • Make sure the pin hole slides over drive pin.

PROBLEM	CAUSE	REMEDY
BLADE WORN OUT OF ROUND 	• Core overheating. • Core overheating as a result of blade spinning on arbor. • Core overheating from rubbing the material being cut. • Unequal pressure at blade clamping collars/flanges. • Blade is too hard for the material being cut.	• Install new blade shaft bearings or blade shaft, as required. • Tune engine according to manufacturer's manual. • If core is worn or arbor hole damaged, DO NOT USE. Contact blade manufacturer. • Replace worn shaft or mounting arbor bushing. • Make certain that drive pin is functioning. • Tighten spindle nut.

LUBRICATION AND SERVICE

- Check oil levels, wiring, hoses (air, fuel, water) and lubricate machine daily.
- Repair or replace all worn or damaged components immediately.
- Check drive belt tension, do not over-tension.
- Make sure machine has full set of matched belts.
- Check blade shaft, make sure arbor and threads are not worn, damaged, or bent.
- Blade shaft bearings should be tight, no free play side-to-side or up and down.
- Grease blade shaft bearings daily.
- Blade collars should be clean, free of nicks and burrs. No diameter wear and not out of round.
- Drive pin not excessively worn or bent and free of gouges.
- All guards in place and secure.
- All fasteners tight and secure.
- Air filter/oil filter (hydraulic or engine) clean.
- Flush clean water through the pump and spray the assembly every night. This prolongs the pump and blade life.

Lubricants:

Engine Oil SAE 10W/30

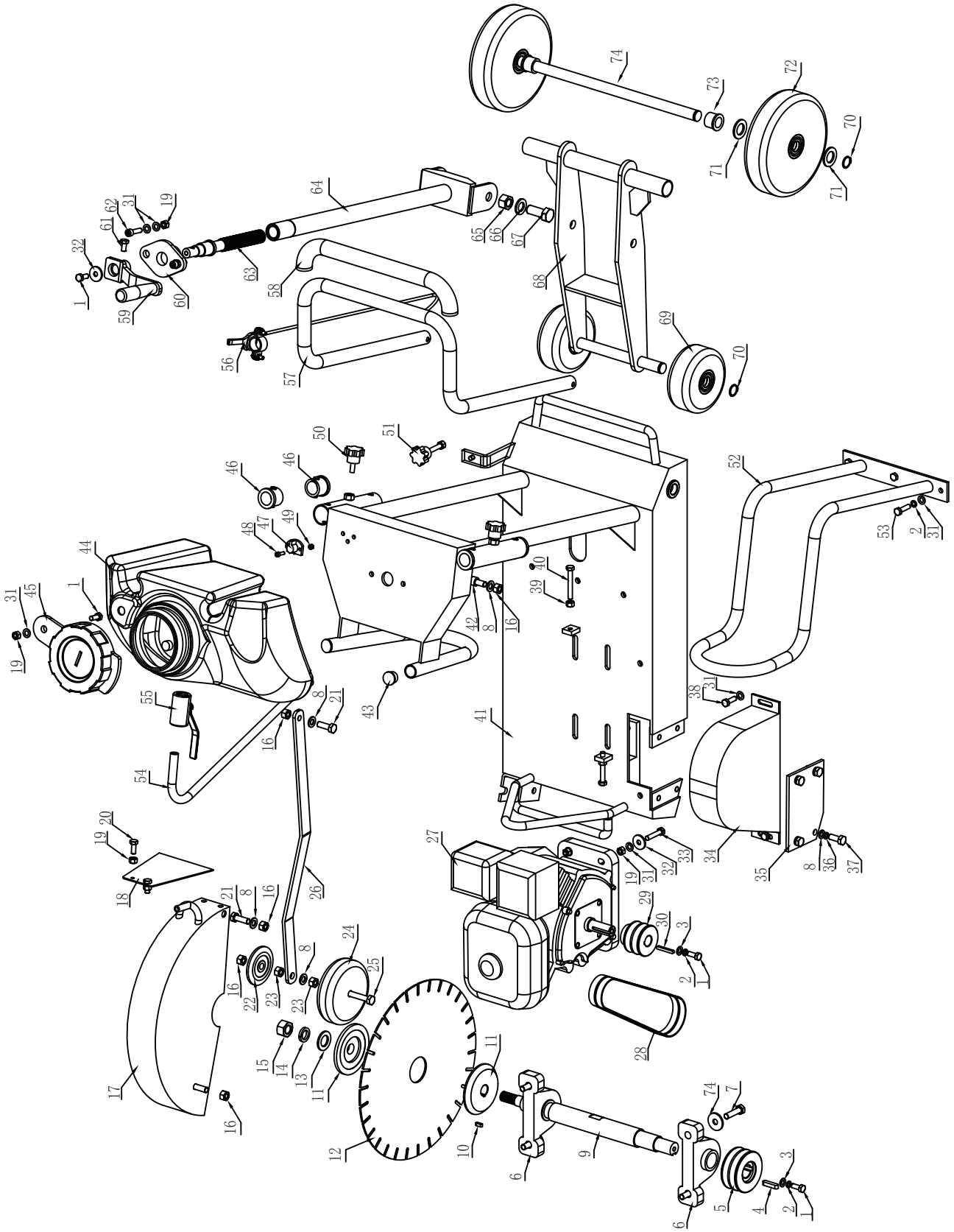
General Grease #1 Lithium

- Clean machine before starting lubrication maintenance.
- Insure machine is on solid, level ground before starting maintenance.
- During lubrication maintenance insure strict cleanliness is observed at all times.
- To avoid the risk of accidents, use the correct tool for the job and keep tools clean.
- The draining of engine oil is best carried out when the oil is warm NOT hot.
- Any spilled oil must be cleaned up immediately.
- Use only clean containers for oil and only CLEAN, FRESH oils and grease of correct grade.
- Contaminated Water/Fluids/Oils/Filters must Be Disposed of Safely.

TRANSPORTATION

1. Always shut off engine when transporting machine.
2. Make sure lifting device has enough capacity to hold machine (see identification plate on machine for weight).
3. Use lifting point when lifting machine.
4. Trolley wheel as optional is used for short distance transportation.

PARTS DIAGRAM (FS350Z/FS350H ASSEMBLY)



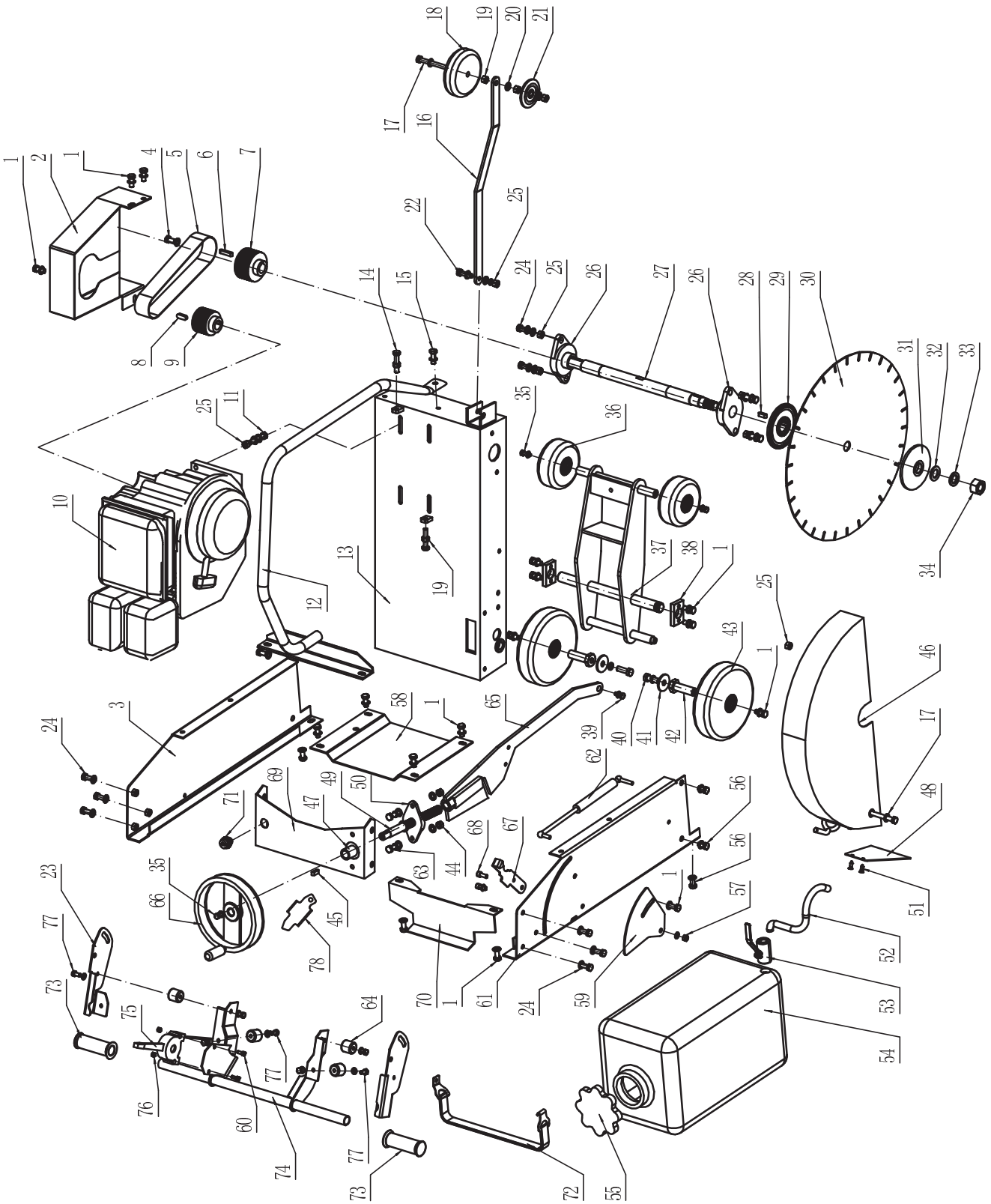
PARTS LIST (FS350Z/FS350H ASSEMBLY)

No.	Description	Specification	Qty.
1	bolt	M8*25	5
2	spring washer	Ø8	10
3	flat washer	Ø8	2
4	flat key	8*35	1
5	rod shaft pulley		1
6	bearing block	UCP206	2
7	bolt	M10*40	4
8	flat washer	Ø10	9
9	Blade shaft		1
10	flat key	5*16	1
11	Blade clip	Ø50/25.4	1
12	blade	Ø50	1
13	flat washer	Φ18	1
14	spring washer	Φ18	1
15	nut	M18*2.5	1
16	nut	M10	4
17	blade cover assembly		1
18	splash guard		1
19	nut	M8	2
20	bolt	M6*12	2
21	bolt	M10*20	3
22	nylon wheel	Ø125*12*35	1
23	nut	M10	3
24	guide set		1
25	bolt	M10*100	1
26	guide rod		1
27	engine		1
28	V-belt	13*584	2
29	Engine pulley		1

No.	Description	Specification	Qty.
30	flat key	5*40	1
31	flat washer	Ø8	13
32	flat washer	8*28*2	6
33	bolt	M8*40	4
34	belt cover		1
35	Belt baffle		1
36	spring washer	Ø10	60
37	bolt	M10*40	4
38	bolt	M10*25	4
39	nut	M8	2
40	bolt	M8*60	2
41	mainframe		1
42	bolt	M10*20	3
43	rubber plug		2
44	Water tank	C80T	1
45	cover of water tank		1
46	rubber plug		4
47	switch		1
48	bolt	M5*16	2
49	nut	M5	2
50	bolt	M8*25	2
51	bolt	M8*50	1
52	Fender bracket		1
53	bolt	M8*25	5
54	Water pipe	0.3m	1
55	copper valve	C80T	1
56	Throttle level assembly	0.9	1
57	handle		1
58	Handle cover	0.55	1
59	Folded handle		1
60	bearing block	LF205	1

No.	Description	Specification	Qty.
61	bolt	M8*40	4
62	External hexagon bolt	M8*30	1
63	Screw stem		1
64	lifting poker		1
65	nut	M16	2
66	flat washer	Ø16	4
67	bolt	M16*40	2
68	Walk round frame		1
69	Black aluminium wheel	Ø125*50	2
70	Shaft card	Ø20	4
71	gasket	20mm	2
72	Black aluminium wheel	Ø180*50	2
73	rubber mat		1
74	rear axle shaft		1

PARTS DIAGRAM (FS480Z/FS480H ASSEMBLY)



PARTS LIST (FS480Z/FS480H ASSEMBLY)

No.	Description	Specification	Qty.
1	external hexagon bolt and flat gasket	M10*25	20
2	belt cover for engine	Q480-00-003	1
3	Frame Left plate		1
4	external hexagon thin bolt and flat gasket	M10*20	1
5	belt		1
6	key	8*40	1
7	pulley for blade	Q480-00-038	1
8	key	7*40	1
9	pulley for engine	Q480-00-021	1
10	engine		1
11	external hexagon bolt,flat gasket and nut	M10*55	4
12	protective frame	Q480-00-004	1
13	frame	Q480-00-034	1
14	external hexagon bolt and nut	M10*50	2
15	external hexagon bolt and falt gasket	M10*40	1
16	guard	Q480-00-013	1
17	external hexagon bolt and gasket	M10*100	2
18	Nylon wheels	Ø125*12*35	1
19	nut	M10	6
20	flat gasket	φ10	3
21	point wheel	Q480-00-010	1
22	external hexagon bolt and falt gasket	M10*35	1
23	Handle supportor		2
24	external hexagon bolt and falt gasket	M10*25	10
25	locked nut and flat gasket	M10	14
26	bearing	UCFLU206	2
27	shaft	Q480-00-031	1
28	key	8*25	1
29	balde flange	Q480-00-020	1

No.	Description	Specification	Qty.
30	blade		1
31	clamp	Q480-00-002	1
32	flat gasket	Ø22	1
33	spring gasket	Ø22	1
34	nut	M22*2.5	1
35	external hexagon bolt and falt gasket	M8*20	3
36	rubber wheel	Ø125*50	2
37	lifting supporter	Q480-00-037	1
38	axle bearing supporter	Q480-00-035	2
39	internal hexagon bolt	M8*20	1
40	external hexagon bolt and spring gasket	M12*35	2
41	enlarge flat gasket	Ø12	2
42	fender	Q480-00-033	2
43	rear wheel	Ø200*50	2
44	Flange bolt	M8	4
45	key	6*20	1
46	blade cover	Q480-00-016	1
47	lifter seat		1
48	fender	Q480-00-015	1
49	lifter seat		2
50	bearing	UCFLU204	1
51	countersunk head bolt	M6*16	2
52	tube	Ø17*12	1
53	connector		1
54	water tank	250*250*500	1
55	water tank cap		1
56	external hexagon bolt and spring gasket	M10*20	6
57	nut and spring gasket	M8	2
58	protective frame		1
59	bottom plate	Q480-00-026	1
60	Inner hexagon bolt and spring gasket	M6*30	2

No.	Description	Specification	Qty.
61	frame right board	Q480-00-042	1
62	Spring	Ø22	1
63	spring plate	Q480-00-032	1
64	external hexagon bolt	M8*30	3
65	lifting shaft	Q480-00-036	1
66	wheel	Ø200*Ø18	1
67	pointer	Q480-00-025	1
68	internal hexagon screw and spring gasket	M8*25	2
69	Control panel		1
70	water tank board	Q480-00-028	1
71	switch	LAY37（PBC）	1
72	drawstring for water tank		1
73	handle cover	Ø25	2
74	Grip handles	Q480-00-019	2
75	throttle lever assembly		1
76	Flange nut	M6	2
77	external hexagon bolt and spring gasket	M8*12	9
78	Limited plate		1

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