

HYDRAULIC ROOF PEELER

Instruction and safety information

Read before operating the Peeler



1 of 5

3689 Weston Road
Weston, ON, Canada M9L 1W4
P: (416) 745-4111
F: (416) 745-6773

- Pickering, ON
- Toronto (Bloor St.), ON
- Toronto (Wade Ave.), ON
- Weston (Weston Rd.), ON
- Weston (Signet Dr.), ON
- Barrie, ON
- Oakville, ON
- Hamilton, ON
- London, ON
- Edmonton, AB
- Calgary, AB
- Winnipeg, MB

WARNING

Misuse of this equipment may result in damage or injury. It is the responsibility of the purchaser to ensure that the personnel operating the machine is trained in the proper operating procedures and all safety regulations.

The employer shall permit only those employees qualified by training or experience to operate equipment and machinery.

The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to the work environment, to control or eliminate any hazards or other exposure to illness or injury.

Regulations governing the use, selection, and maintenance of personal protective and lifesaving equipment as stated in safety regulations shall be followed.

Do not operate on a roof without a perimeter warning system or barrier.

SAFETY PRECAUTIONS

1. When using this equipment, full-face shield and proper clothing should be worn to protect the operator from flying debris. Proper eye protection will also help avoid irritation to the eyes caused by dust particles in the air while tearing-off the roof.
2. Make sure people in the general work area are protected the same way as the operator.
3. Do not operate this equipment within 10 feet of the roof edge.
4. When on-deck equipment is being used, perimeter warning lines must be set up 10 feet from the roof edge, and around all roof openings.
5. Follow local code requirements.
6. Machine weighs about 700 lbs. Do not overload roof deck.
7. The machine is intended to be used on flat level roofs only.
8. Do not allow any unauthorized person near the machine when in operation.
9. Never allow any person to ride the machine.
10. Never leave machine unattended when engine is running.
11. Never leave machine unattended on an inclined surface as machine is freewheeling in neutral position.
12. Look for and keep away from people, obstructions and openings when operating in

forward or reverse direction.

13. Shut off the engine before refuelling, checking, making adjustments or repairs.
14. Keep hands and feet clear of moving parts at all times.
15. Do not operate unless all guards and shields are in position.
16. Make sure that all warning and safety decals are in place and legible. Replacement labels available.


OPERATOR TRAINING

1. Before being allowed to use this or any piece of equipment, the operator should first fully understand all proper operating procedures. Special attention should be paid to the control locations and functions, all warning messages, and possible hazardous operating conditions.
2. Proper training includes informing the operator as to the correct protective clothing and safety equipment that should be worn while operating the equipment. Clothes that fit properly (that is, not too tight and not too loose) includes a long sleeve shirt buttoned at the cuff, long cuffless pants, steel toe safety shoes and safety glasses or full-face shield. These items should be mandatory apparel for the operator. If work is being done at a level higher than the level at which the Peeler is being used, a hard hat must be worn.
3. Before using the machine on a roof, the operator should become familiar with the controls, safety features, and the overall 'feel' of the machine; on the ground, preferably in an open area with no vehicular or pedestrian traffic.

INTENDED USE

This machine is intended to be used for the sole purpose of peeling flat, level, built-up roofs in the re-roofing process. The blade is designed to peel-off only BITUMEN, FELTS and INSULATION - NOTHING ELSE!.

OPERATION

 **WARNING** • Clear the work area of the roof from all debris and obstacles that can cause personal injury to the operator and other persons working on the roof.

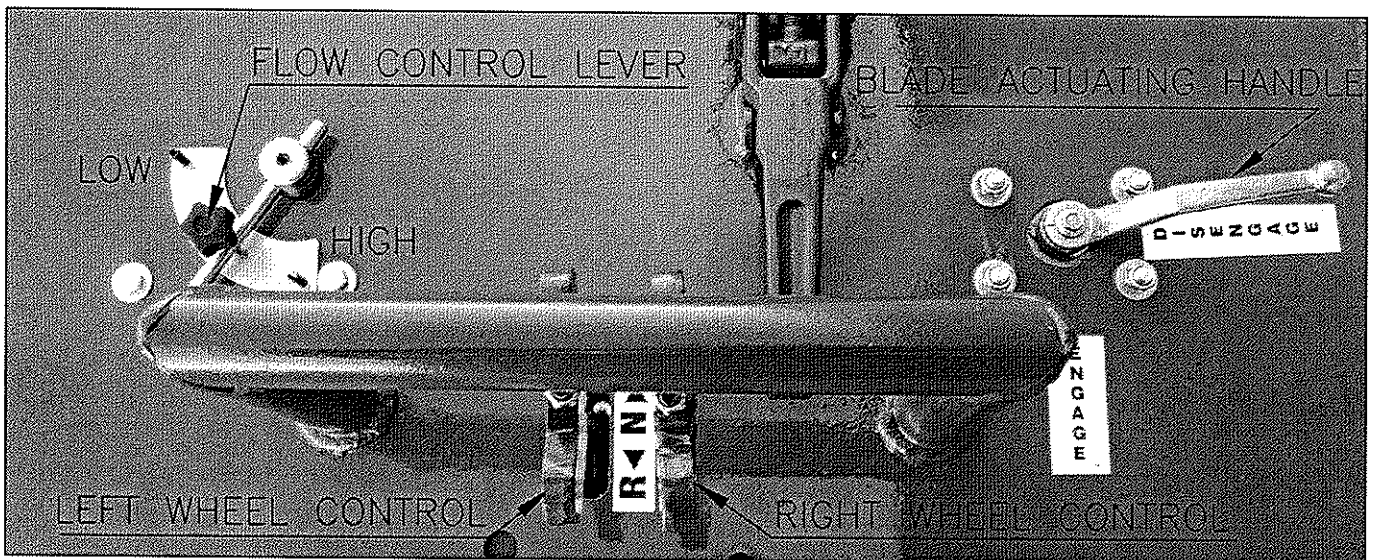
- Keep hands and feet away from moving parts.
- Stop forward movement and blade actuation when persons are removing

tear off debris from machine ramp.

- Make sure vibrations from peeler do not cause damage to ceiling materials or injury to persons underneath the roof.


Note:

- Make certain that the engine crankcase is filled with oil and that the engine has been serviced as per the engine instruction. Maintain the hydraulic fluid (Hydrex AW 32) level to the proper level indicated on the tank.
- Sweep the area to be peeled off and cut the roofing material into suitable squares. Pry-up the material and position the blade of the Peeler to begin the tear-off.



1. Start the engine as per the engine instruction.
2. Allow engine to warm-up and adjust the throttle control to desired speed.
3. Movement is controlled by two levers at the centre of dash. Left lever controls the left wheel and right lever controls the right wheel. Pushing forward these two levers simultaneously will make the peeler move forward and pulling back will make the peeler move backward. Moving only one of these levers will make the peeler turn.
4. Push forward the two levers and hold to allow the blade of peeler to pry-up and slide the material up the ramp.
5. Allow the additional personnel to pick the material from ramp.

6. Blade actuator can be used for tough material. Back and forth movement of the blade is controlled by the handle on the right side of the deck. Rotating clock wise (moving to left) will engage the blade and rotating anti clockwise (moving to right) will disengage the blade.
7. The flow control valve lever on the left side of the dash controls the flow of hydraulic oil to the blade. Moving this lever to the left when the blade actuator is activated will increase number of hits per minute and moving it to right will decrease the number of hits per minute.
8. The flow control valve will divert oil flow from the wheels to the blade. More the flow used for actuating the blade the slower the speed of the wheels. If all the flow is diverted to the blade, the wheels will not have any motion and if all the flow is diverted to the wheels the blade will not actuate. **Factory set position of Flow Control Lever with little fine tuning is recommended.**

 **WARNING:** Always disengage the blade actuator when Roof Peeler is not in operation. Never leave the Roof Peeler unattended with actuator lever in engaged position.

9. Take every precaution not to cut through metal or any other type of roof deck under the roof membrane. When working on a metal deck the machine should tear off material in line with the flutes of the roof.
10. To change depth of cut: Loosen the two blade mounting bolts. Loosen two jam nuts underneath the blade mounting plate. Turn clockwise both the bolts equally to increase the depth and retighten the jam nuts. Retighten two blade mounting bolts.

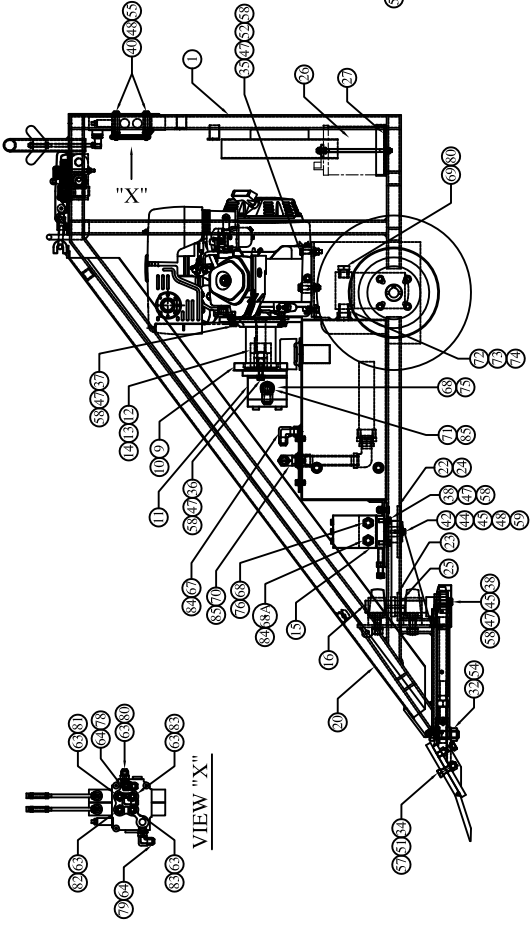
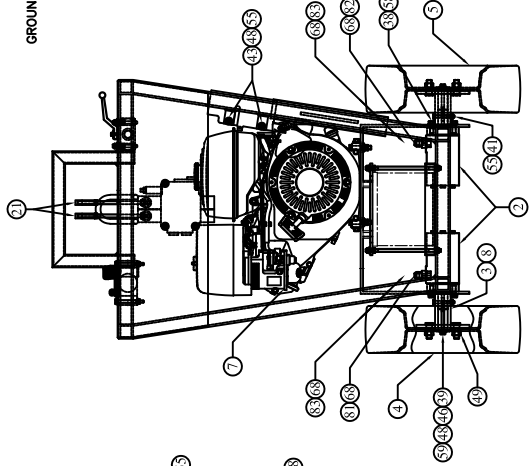
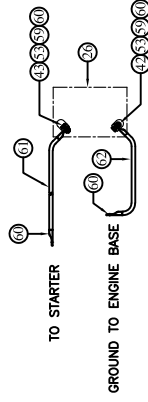
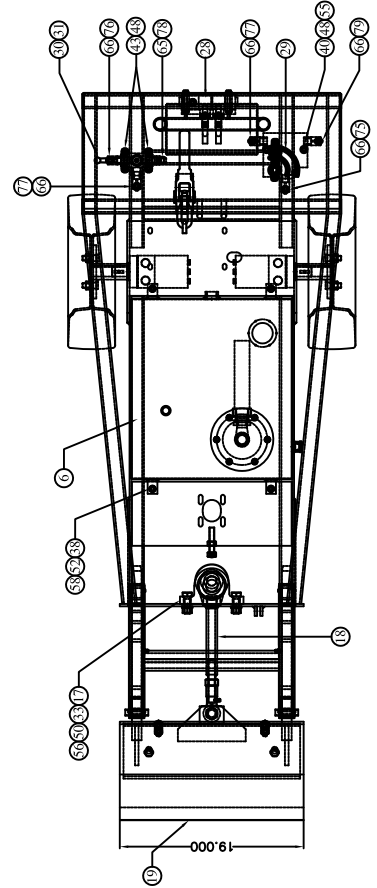
MAINTENANCE

Grease all bearings; one at each end of connecting rod, chain after every 12 hours of operation or as needed. Lithium based grease is recommended. Grease blade actuating lever pivotal points periodically.

For engine maintenance, carefully follow the engine maintenance instructions that are provided with this machine.

SPECIFICATIONS

Weight: 700 lbs
Length: 76"
Width: 33"
Height: 48"
Engine: Honda 11 HP (Electric Start)
Wheels: 16x6.50-8NHS 4 ply tubeless air filled
Hydraulic Fluid: Hydrex AW 32
Specifications are subject to change without notice.



**** TO BE CHANGED TO 43 LINKS

ITEM #	DESCRIPTION	MATERIAL	QTY	DRAWING #
85	#12 JICF X #12 JICF 90 X 11 LG SUCTION HOSE	PARTS	1	N/A
84	#10 JICF X #10 JICF 90 X 17 LG RETURN HOSE	PARTS	1	N/A
83	#8 JICF 90 X #8 JICF 90 X 35 1/2 LG HOSE	PARTS	2	N/A
82	#8 JICF 90 X #8 JICF 90 X 33 LG HOSE	PARTS	1	N/A
81	#8 JICF 90 X #8 JICF 90 X 31 LG HOSE	PARTS	1	N/A
80	#8 MALE X #8 JICF 90 X 31 LG HOSE	PARTS	1	N/A
79	#8 JICF X #8 JICF X 32 1/4 LG HOSE	PARTS	1	N/A
78	#8 JICF X #8 JICF 90 X 10 1/2 LG HOSE	PARTS	1	N/A
77	#8 JICF X #8 JICF 90 X 14 LG HOSE	PARTS	1	N/A
76	#8 JICF X #8 JICF 90 X 66 1/2 LG HOSE	PARTS	1	N/A
75	#8 JICF X #8 JICF 90 X 52 LG HOSE	PARTS	1	N/A
74	FILTER ELEMENT	PARTS	1	N/A
73	FILTER HEAD	PARTS	1	N/A
72	3/4 CLOSE NIPPLE	PARTS	1	N/A
71	1 1/16 JICM X 1 1/16 ST TH ELBOW (2062-12-12)	PARTS	1	N/A
70	1 1/16 JICM X 3/4 NPT MALE ELBOW (2024-12-12)	PARTS	1	N/A
69	3/4 X 1/2 REDUCER BUSHING (2061-12-8)	PARTS	1	N/A
68A	7/8 JICM X 7/8 ST TH CONNECTOR (202702-10-10)	PARTS	1	N/A
68	7/8 JICM X 3/4 ST TH CONNECTOR (202702-10-8)	PARTS	6	N/A
67	7/8 JICM X 1/2 NPT MALE ELBOW (2024-8-10)	PARTS	1	N/A
66	3/4 JICM X 1/2 NPT MALE ELBOW (2024-8-8)	PARTS	5	N/A
65	3/4 JICM X 3/4 ST TH CONNECTOR (2021-8-8)	PARTS	2	N/A
64	3/4 JICM X 3/4 ST TH ELBOW (2062-8-8)	PARTS	1	N/A
63	3/4 JICM X 3/4 ST TH CONNECTOR (202702-8-8)	PARTS	5	N/A
62	BATTERY CABLE BLACK 4 GA X 9 LG	COPPER		