



PROFORGE PRO-SWEEP



OPERATORS MANUAL ISSUE 1

PROFORGE PRO-SWEEP Hyd Drive

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GENERAL INFORMATION AND SAFETY

PLEASE READ CAREFULLY:

This section of the operator's manual contains important operating instructions and safety precautions to be observed in operating your unit. Read this manual and make sure you understand it before operating the machine. If there is anything you do not understand, see your Proforge dealer.

Your Proforge Pro-Sweep has been designed and built to give good performance and ease of operation under a wide variety of operating conditions. Prior to delivery, the unit was carefully inspected at the factory to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble-free operation, it is important that routine services, as specified in this manual are carried out at recommended intervals.

A **PRODUCT IDENTIFICATION & CE PLATE** is located on the main body panel on the idler side of the sweeping machine. The numbers on the plate are important should your Proforge Pro-Sweep require future service. For your convenience, have your dealer record the numbers in the appropriate spaces below.

Proforge policy is one of continuous improvement and the right to change prices, specification or equipment at any time without notice is reserved.

All data given in this manual is subject to production variations. Dimensions and weight are approximate only and the illustrations do not necessarily show machines in standard condition. For exact information about any particular machine, please consult your Proforge dealer.

SAFETY PRECAUTIONS

PRECAUTIONARY STATEMENTS

PERSONAL SAFETY

Throughout this manual and on machine decals, you will find precautionary statements (“CAUTION”, “WARNING”, and “DANGER”) followed by specific instructions. These precautions are intended for the personal safety of you and those working with you. Please take the time to read them.

CAUTION

CAUTION: The word “CAUTION” is used where a safe behavioural practice according to operating and maintenance instructions and common safety practices will protect the operator and others from accident involvement.

WARNING

WARNING: The word “WARNING” denotes a potential or hidden hazard, which has a potential for serious injury. It is used to warn operators and others to exercise every appropriate means to avoid a surprise involvement with machinery.

DANGER

DANGER: The word “DANGER” denotes a forbidden practice in connection with a serious hazard.

Failure to follow the “CAUTION”, “WARNING”, and “DANGER” instructions may result in serious bodily injury.

MACHINE SAFETY

Additional precautionary statements “NOTE”, “ATTENTION”, and “IMPORTANT” are followed by specific instructions. These statements are intended for machine safety.

NOTE: *This text stresses a correct operating technique or procedure.*

ATTENTION: *The word “ATTENTION” is used to warn the operator of potential machine damage if a certain procedure is not followed.*

IMPORTANT: *The word “IMPORTANT” is used to inform the reader of something he needs to know to prevent minor machine damage if a certain procedure is not followed.*

SAFETY PRECAUTIONS

**The following precautions are suggested to help prevent accidents.
SEE SPECIFIC INSTRUCTIONS IN TEXT FOR DETAIL.**

A careful operator is the best operator. Most accidents can be avoided by observing certain precautions. Read and take the following precautions before operating the Proforge Pro-Sweep to prevent accidents. Equipment should be operated only by those who are responsible and instructed to do so.

PROFORGE PRO-SWEEP HYD DRIVE

1. All persons who will operate the unit should read the Operator's Manual (both for the sweeper and prime mover) carefully before using the equipment. Lack of operating Knowledge can lead to accidents.
2. Permit only properly trained persons to operate the unit.
3. Do not permit anyone to ride on the unit.
4. Replace missing, illegible, or damaged safety decals. Refer to this section, pages 6 to 8, for illustrations of the decals.
5. Keep safety decals clean of dirt and grime.

OUT OF WORK & SERVICING

1. Keep the Proforge Pro-Sweep in good operating condition for your safety. An improperly maintained unit can be hazardous.
2. When servicing, or parking unit, ensure ground is level and firm.
3. Escaping hydraulic fluid under pressure can penetrate the skin causing serious injury.
 - Do not use your hand to check for leaks. Use a piece of cardboard or paper to search for leaks.
 - Stop prime mover engine and relieve pressure before connecting or disconnecting lines.
 - Tighten all connections before starting prime mover engine or pressurising lines.
 - If fluid is injected into skin, obtain medical attention immediately or gangrene may result.
4. Ensure hydraulics are disconnected from prime mover before withdrawing from unit.

SAFETY PRECAUTIONS

5. Do not modify or alter or permit anyone else to modify or alter this unit or any of its components or any unit function without first consulting your Proforge dealer.
6. Do not work under a raised unit unless a suitable hoist or floor jack and multiple jack stands securely supports it.

OPERATING THE PROFORGE PRO-SWEEP

1. Do not leave unit in raised position.
2. When working in co-operation with other operators, always let others know what you are doing ahead of time.
3. Never try to mount or dismount unit from a moving unit.
4. Keep hands, feet, and clothing away from moving parts.
5. Disengage flow to unit before transporting or when not in use.
6. When sweeping proceed as follows:
 - a) Sweep only in daylight or in good artificial light.
 - b) Never make a bristle height adjustment while the prime movers engine is running.
 - c) Check the brush motor mounting bolts for proper tightness at frequent intervals.
 - d) Shut off the prime movers engine when removing any debris manual.
7. Watch for holes in the terrain and other hidden hazards.
8. Ensure people and animals are kept away from machine when operating. In particular the area to the front of the unit.
9. Keep all shields or guards in place.
10. The prime mover and sweeper unit should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating equipment.
11. Do not lubricate or make mechanical adjustments while the unit is in motion or when the prime movers engine is running
12. Periodically maintain the Proforge Pro-Sweep. Tighten nuts, bolts, and fittings periodically for safe operation.

SAFETY PRECAUTIONS

AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes, which may eject fluid under high pressure. Use a piece of cardboard to search for leaks.

If ANY fluid is injected into the skin it must be surgically removed within a few hours by a doctor familiar with this type of injury or gangrene may result.



Whenever you see this symbol

it means: **ATTENTION!**

BECOME ALERT! YOUR SAFETY IS INVOLVED!

SAFETY DECALS



WARNING: SAFE OPERATING PROCEDURES

LOCATION: Various



WARNING: PINCH POINT

LOCATION: Tine Boxes, Hopper



ATTENTION: STORAGE

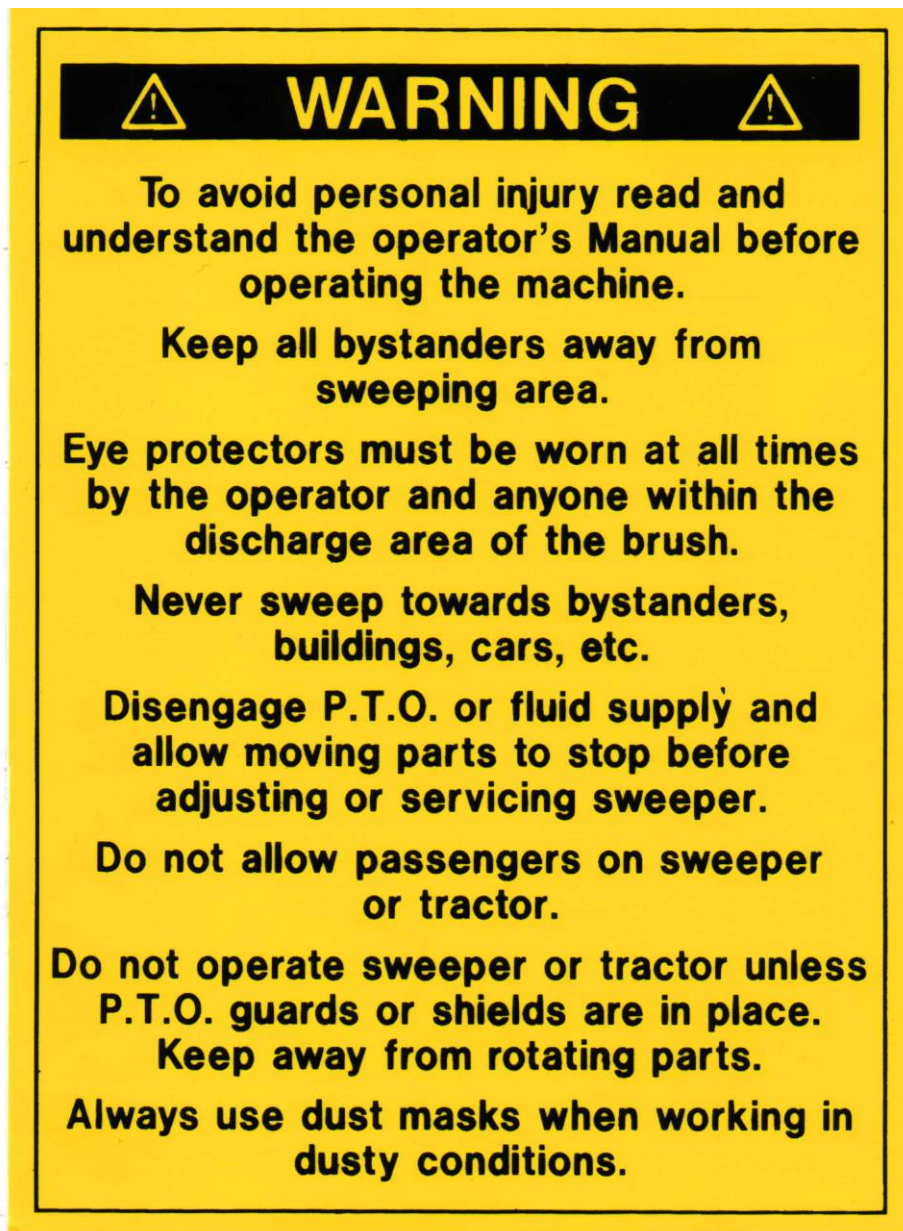
LOCATION: Canopy



ATTENTION: LUBRICATION

LOCATION: Tine Boxes, Castors

SAFETY DECALS



WARNING: SAFE OPERATING PROCEDURES

LOCATION: Canopy

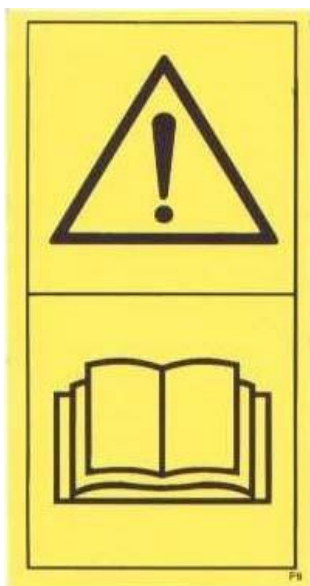
SAFETY DECALS



WARNING: Do not ride on machinery



WARNING: Keep a safe distance from
This machine (foot trap)



WARNING: Read operator's manual
before use.



WARNING: Keep a safe distance from
this machine.(debris)