



Safe Operating Procedure



H-92 Line Remover (Dustbuster)



Potential Health or Safety Concerns

- > Damage to Equipment/Vehicles (Accidents, Flying Debris, Spills/Drips)
- > Injuries to workers and public (Flying debris, Burns, Pinch Points, Crushing, Silica Exposure, Noise)



Documentation

Complete and review a Hazard Assessment, Traffic Accommodation Plan (TAP) and Emergency Response Plan (ERP). Ensure you have an applicable road use permit (OSCAM, OSCP, etc.) and complete sign logs when required. Complete an equipment pre-trip inspection.



Equipment, PPE, and Apparel Required

CSA Approved 6" footwear, hard hat, gloves, reflective vest (Class 2-3), ear protection, eye protection, CSA Type 2 small first aid kit, fire extinguisher, and spill kit. Respiratory protection and a valid mask fit test are required. Coveralls are required to keep the operator free of silica.



Training Requirements

- > Employees must be deemed competent prior to operating the equipment.
- > If a forklift is required for loading, a valid forklift certificate is required.
- > If a flagger is required, they must be certified.



Colas Lifesaving Icons

The following Health, Safety, or Environmental icons represent applicable risks to this procedure. Please see the **Lifesaving Icons** document for more information.



Hazard Evaluation and Control



Health Hazards



Impairment



Line of Fire



Safe Lifting



Energy Isolation



Competency



Safe Operating Procedure



> Procedures and Precautions to Offset Hazards

1. **Inspection and preparation** > Check oil and air filter (blow out or replace if needed) prior to greasing machine. Check the condition of side guards (used to prevent flying debris) for any damage and check the motor mounts for loose bolts. Disconnect spark plug and turn off fuel, use helper to tip and hold machine onto its side. Grease the grind heads with high temp grease only. After greasing grind heads, turn line remover back into upright position, clean the air filter and top up with premium gasoline.
2. **Loading/Unloading** > Use a forklift or power tailgate to load or unload whenever possible. If mechanical lifting is not available, use four workers to lift the machine. Secure with tie down straps for transportation.
3. **Startup** > Ensure area around H-92 is clear of debris and the grind head is fully raised. Start engine using half throttle, let engine warm up for 1 minute.
4. **Removing lines** > Pull throttle to full on position. Adjust side guards and lower grind head slowly until it skims the road. Dropping or adjusting the grind head too low can damage the line remover and the road surface.
5. **Awareness** > Always use a spotter when line remover is in use or is moving through an intersection on a job site. Turn off engine if pedestrians or vehicles are closely approaching to avoid them being hit by flying debris. Start the line remover back up and resume work after they are a reasonable distance away from the work area.
6. **Refueling and maintenance** > Shut off machine, raise grind head and move to safe location. Check oil level and top up as required. Clean the air filter, turn off the fuel line and unplug the sparkplug before turning the machine on its side. Have a worker assist in tipping and then holding the H-92 onto its side. Grease grind heads with high temp grease, rotating grind head as they are being greased. (Always wear gloves while greasing). Position the H-92 line remover back into its upright position, top up fuel with premium gasoline. Don't forget to turn back on the fuel line and attach the sparkplug again before you proceed with removal of lines. Repeat as required.
7. **Safe keeping** > Park equipment in a safe area, away from traffic when possible. Put the grind head in the lowered position to avoid rolling. Place traffic cones around parked equipment.

> Extra Caution

- > The spark plug must be disconnected, and the fuel line must be shut off prior to any work being done on the grind heads.
- > Do not stop the machines engine while the grind heads are lowered as this will damage the road surface and the grind heads.