

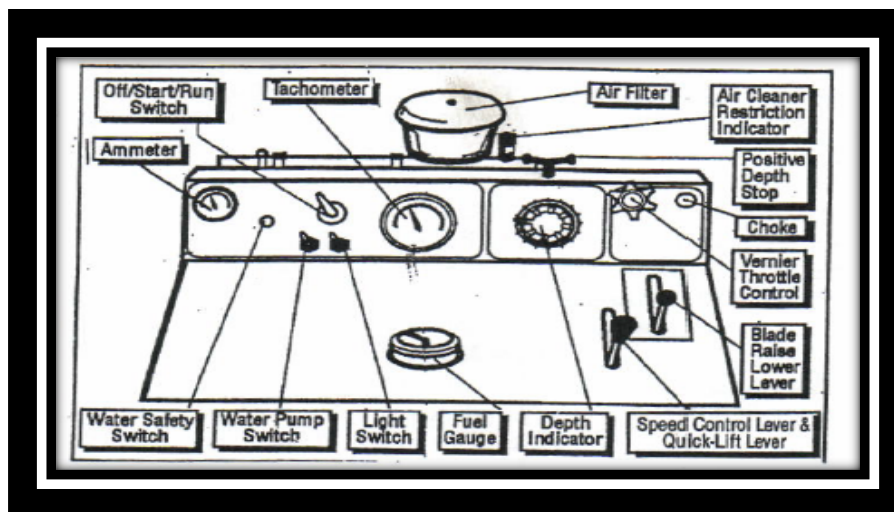
Title of Training	WALK BEHIND CONCRETE SAW TRAINING	
Equipment Info.	MAKE/MODEL/TYPE	WALK BEHIND SAW CONCRETE/ASPHALT
Date of Training		Instructor:

WALK BEHIND CONCRETE/ASPHALT SAW SAFETY INFORMATION

- THE TARGET PRO 40 11 FLOOR SAW IS EQUIPPED WITH A 4 CYCLE TYPE ENGINE. IT USES REGULAR UNLEADED GASOLINE. IMPORTANT: TO PROPERLY CHECK THE ENGINE OIL LEVEL THE BLADE MUST BE OFF THE FLOOR SAW. USE SAE 30 IF NEEDED

GENERAL INSTRUCTIONS

- BEFORE OPERATING THE SAW BECOME FAMILIAR WITH THE CONTROLS AND FEATURES



BEFORE SAWING

IMPORTANT: FOLLOW DETAILED OPERATING INSTRUCTIONS ON THE TOP OF THE CROWL.

- 1) MOUNT THE BLADE SOLIDLY AND FIRMLY ON THE ARBOR. THE LOCK PIN IN THE OUTER BLADE FLANGE MUST GO COMPLETELY THROUGH THE BLADE AND INTO THE MATCHING HOLE ON THE INSIDE BLADE FLANGE. TIGHTEN BLADE FLANGE NUT SECURELY.
- 2) THE FRONT AND REAR POINTER MUST BE CHECKED FOR ALIGNMENT WITH BLADE. THEY MUST BE IN LINE WITH A BLADE MOUNTED ON THE BLADE SHAFT. USE A CHALK LINE OR LONG STRAIGHT EDGE TO VERIFY ALIGNMENT.
- 3) SAW IN A STRAIGHT LINE. MARK THE CUTTING LINE CLEARLY SO THE SAW OPERATOR CAN FOLLOW LINE WITHOUT DIFFICULTY AND NOT HAVE TO TWIST THE SAW FROM SIDE TO SIDE TRYING TO FORCE THE BLADE BACK ON LINE.

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- 4) START ENGINE. ALWAYS HAVE THE HYDROSTATIC TRANSMISSION SPEED CONTROL LEVER IN THE STOP POSITION WHEN STARTING THE ENGINE.
- 5) LET ENGINE WARM UP AT MODERATE SPEED FOR A FEW MINUTES.
- 6) FOR WET SAWING, OPEN WATER VALVE FULL OPEN. BE SURE WATER JETS IN BLADE GUARD ARE OPEN AND EACH SIDE OF BLADE HAS AN ADEQUATE SUPPLY OF WATER BEFORE YOU LOWER THE BLADE. YOU MUST HAVE FROM 2 %To 5 GALLONS OF WATER PER MTNUTE FLOWING OVER THE BLADE To GET MAXIMUM BLADE LIFE. IF THE WATER SUPPLY IS INTERRUPTED, STOP CUTTING IMMEDIATELY. WATER SAFETY SWITCH WILL STOP ENGINE.
 - NOTE: THE SAFETY SWITCH CANNOT DETECT A CLOGGED WATER LINE AS IT SENSES PRESSURE, NOT FLOW. TO START SAW WHEN CUTTING DRY, OR WHEN THE WATER IS NOT UNDER PRESSURE. PUSH IN THE RESET BUTTON IN THE CENTER OF THE WATER SAFETY CUT/OFF SWITCH. ONCE SWITOH IS PUSHED IN TO RESET, WATER PRESSURE MUST BE PRESENT TO
- 7) ALL SAWING IS DONE AT FULL THROTTLE. GOVENOR IS FACTORY SET FOR THE CORRECT SPEED.

TO MANEUVER MANUALLY AND WITH SPEED CONTROL

- 8) RAISE BLADE AS HIGH AS REQUIRED SO THE BLADE WILL NOT STRIKE PAVEMENT WHEN MANEUVERING. THIS SAW IS EQUIPPED WITH ELECTRIC POWERED HYDRAULIC LIFT. BY PULLING BACK ON THE LIFT LEVER OR ENGAGING THE QUICK LIFT SWITCH, THE BLADE WILL BE LIFTED QUICKLY WITNOUT OPEMTOR EFFORT. ENGINE NEED NOT BE RUNNING. TO LOWER BLADE SIMPLY PUSH LEVER FORWARD. TO LOWER SLOWLY; PUSH LEVER FORWARD ONLY VERY SLIGHTLY. THE RATE OF DESCENT. OF THE SAW IS PROPORTIONAL TO THE DISTANCE THE LEVER IS PUSHED.
- 9) PULL OUT EXTENSION GUIDE HANDLES TO LENGTH WHERE THE OPERATOR HAS THE DESIRED LEVERAGE, LIFT REAR WHEELS JUST CLEAR OF PAVEMENTNT AND MANEUVER AS DESIRED.
- 10) THE HYDROSTATIC SPEED CONTROL LETS OPERATORM QUICKLY MANEUVER THE SAW FORWARD OR REVERSE AT INFINITELY VARIABLE SPEEDS FROM O TO APPROXIMATELY 250 FEET PER MINUTE FORWARD AND 250 FEET PER MINUTE IN REVERSE. BY MOVING SPEED CONTROL BACKWARD FROM STOP POSITION, THE SAW WILL MOVE IN REVERSE. BT MOVING SPEED CONTROL LEVER FORWARD FROM "STOP" POSITION, THE SAW WILL MOVE FORWARD. FOR MMIMUM MANEUVERING SPEEDS, PUSH THE SPEED CONTROL LEVER ALL THE WAY FORWARD OR ALL THE WAY BACKWARD FOR REVERSE,

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- IMPORTANT: WHEN MANEUVERING WITH POWER, THE ENGINE SHOULD BE RUNNING AT HALF OR MORE MAXIMUM SPEED SO HYDMULIC PUMP IS ABLE TO OPERATE EFFICIENTLY. FOR

TO START SAWING

- 1) FOLLOW ALL THE INSTRUCTIONS OUTLINED ABOVE.
- 2) LOWER THE BLADE INTO THE CUT (NEVER DEEPER THAN REQUIRED) BY PUSHING FORWARD ON RAISED LOWER HYDRAULIC CONTROL LEVER LOCATED ON THE RIGHT SIDE TOP OF COWL. A FLOW CONTROL LIMIT IS BUILT INTO THE LINE TO PREVENT ABNORMALLY FAST LOWERING BLADE INTO THE CUT CARE MUST BE USED WHEN LOWERING BLADE INTO THE CUT TO PREVENT DAMAGE TO BLADE.

CAUTION: IF THE ENGINE SHOULD STALL FOR ANY REASON RAISE THE BLADE COMPLETELY OUT OF THE CUT BEFORE STARTING THE ENGINE AGAIN. WHEN LOWERING THE BLADE INTO THE CUT BE CERTAIN THE BLADE IS PERFECTLY ALIGNED WITH THE CUT.

- 3) ADJUSTMENT AND THE USE OF DEPTH INDICATOR TO PROPERLY USE THE DEPTH INDICATOR LOWER THE BLADE UNTIL IT TOUCHES THE PAVEMENT, THEN SEWT THE POINTER ON THE DIAL TO "0". THE POINTER WILL THEN INDICATE ON THE DIAL THE ACTUAL DEPTH OF CUT AS THE BLADE PENETRATES THE CONCRETE. POSITIVE DEPTH STOP. LOWER THE BLADE UNTIL IT TOUCHES THE PAVEMENT, SET THE DEPTH INDICATOR TO "0" CUT INTO THE PAVEMENT UNTIL THE BLADE REACHES THE DESIRED DEPTH. TURN POSITIVE DEPTH STOP HANDLE TO THE RIGHT UNTIL RESISTANCE TO TURNING IS NOTICABLE. FOR GREATYER DEPTH, TURN HANDLE TO LEFT FOR LESSER DEPTH, TURN HANDLE TO RIGHT.
- 4) MOVE SPEED CONTROL LEVER SLOWLY FORWARD UNTIL DESIRED CUTTING SPEED IS OBTAINED. MONITOR ENGINE SPEED SHOWN ON TACHOMETER FOR GREATER CUTTING EFFICIENCY.
- 5) ADJUSTMENT FOR STRAIGHT LINE SAWING: AND DIFFERENCES IN AGGREGATE HARDNESS CAN AGGRAVATE AND CAUSE TO LEAD OFF. IF THIS OCCURS LOOSEN THE TWO BEARINGS MOUNTING BOLTS, THEN TURN THE ADJUSTMENT BOLT TO THE RIGHT TO CORRECT IF SAW IS LEADING OFF TO THE LEFT OR TURN THE ADJUSTMENT BOLT, RETIGHTEN THE BEARING MOUNTING BOLTS.

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AT FINISH OF CUT

- 1) MOVE SPEED CONTROL LEVER TO STOP POSITION. BRING BLADE OUT OF THE CUT BY PULLING ON THE HYDRAULIC BLADE RAISING LEVER OR BY ENGAGING QUICK LIFT SWITCH. RAISE BLADE HIGH ENOUGH TO CLEAR THE PAVEMENT WHEN MANEUVERING THE SAW,
- 2) PUSH ENGINE THROTTLE TO IDLE POSITION.
- 3) TURN OFF WATER VALVE.
- 4) IF HYDROSTATIC SPEED CONTROL IS USED FOR MANEUVERING THE ENGINE SHOULD BE HALF THROTTLE OR MORE. THEN OPERATE SPEED CONTROL LEVER TO GET DESIRED SPEED IN EITHER DIRECTION.

Walk-Behind Saw Safety Precautions

The following safety precautions must be observed.

1. Before mounting any blade on the saw, the blade should be inspected for any damage that might have occurred during shipment, handling or previous use.
2. The blade shaft collars must be of proper diameter for the size blade being used. The drive pin must be located in the tight collar or the loose pin, and arbor should be cleaned and examined for damage before mounting the blade.
3. The blade must be properly fitted over arbor and drive pin. Drive pin must project through hole in blade and into collar. Do not force the blade onto arbor.
4. Disconnect spark plugs and use the blade shaft lock pin when tightening the blade shaft nut. Tighten the blade shaft nut securely against the outside blade shaft collar. The blade shaft has left hand threads on the right side of the saw and right hand threads on the left side of the saw.
5. The blade guard must always be in place when the saw is running. Always use a proper size blade guard for the size blade being used.
6. The operator should wear safety glasses and appropriate safety equipment at all times.
7. Never leave saw unattended while engine is running.
8. Always secure saw from rolling when not in use.
9. Do not stop the engine on a self-propelled saw while on a grade.
10. When stopping any saw on a grade, the wheels must be chocked.
11. When starting the saw, the operator should stand away from and to the side of the blade.
12. If for any reason the blade stalls in the cut, raise the blade out of the cut and check the outside blade shaft collar and nut for tightness before restarting the engine.



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- Inspect the blade for damage. Use care when resuming a cut. Make certain that the blade is in alignment with the previous cut.
13. During cutting, do not exert excessive side pressure on the handles as a method of steering. Do not force the blade into material by lowering the blade too quickly or by increasing the speed of the saw.
 14. Adequate coolant must be used when sawing with wet cutting abrasive or diamond blades. Gravity feed does not supply a sufficient water flow. The water pumps on concrete saws are “booster” pumps only and are not adequate as primary pressure source. An adequate coolant supply is required for wet cutting blades to maintain blade life and cutting efficiency.
 15. The blade shaft must be operated within the specified maximum operating speed.
 16. Operate engine at proper RPM. Never alter RPM or governor setting.
 17. In case of an EMERGENCY “SHUT OFF ENGINE.”

Note: This STT does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references (Owner’s Manual & Brieser Safety Manual). It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use.

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EMPLOYEE NAME (Print or Type)	EMPLOYEE SIGNATURE	TRADE	JOB TITLE
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