

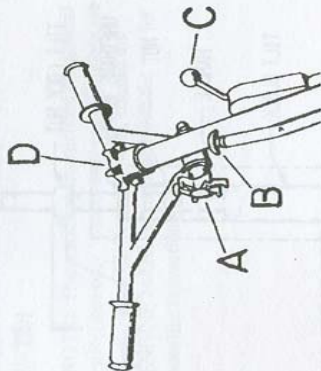
Power Trowel, Stone

Introduction

Location and Use of Controls

LOCATION AND USE OF CONTROLS

Before operating this trowel, it is important to familiarize yourself, and any other personnel who will be using it, with the location and proper use of the controls to insure safe and efficient operation:



A - HANDLE ADJUSTMENT KNOB - to adjust the handle for maximum operator comfort and control, simply turn the knob counterclockwise to loosen, move handle to desired position and tighten knob to lock handle in place.

B - THROTTLE CONTROL - this is a push-type throttle control which can be locked at any desired blade speed from 50 to 130 RPM, to meet varying job conditions. To use, simply push or pull the throttle control to obtain the desired blade speed. To lock the throttle at the speed, turn the control clockwise. To unlock the throttle for further adjustments, turn the control counter clockwise approximately 1/4 turn.

C - DYNA-CLUTCH LEVER - this is a patented feature which acts as a safety device to stop the trowel from spinning out of control if the operator lets go of the handle. It also allows the operator to control the engagement and disengagement of the trowel blades independent of engine speed.

To use, simply move the lever all the way up to the RUN position to engage the trowel blades. To stop the blades from turning, push the lever all the way down to STOP position. In the event that the operator lets go of the handle while the blades are turning, the centrifugal force from the swing of the handle will throw the Dyna-Clutch lever to the STOP position. This prevents the unit from spinning out of control and causing injury to personnel or damage to the trowel and fresh concrete. Since the Dyna-Clutch system disengages the blades from the engine, rather than shutting down the engine to stop the blades, time is saved in getting the unit operating again. The operator simply moves the Dyna-Clutch lever to RUN position instead of having to restart the engine and readjust engine speed.

D - TILT ADJUSTMENT KNOB - adjusts the angle of the blades for different curing stages and conditions of the concrete. Turning the knob clockwise increases the angle of the blades to the concrete. Turning the knob counterclockwise flattens or decreases the angle of the blades.

TILT LOCK NUT - provides a positive stop at the full tilt position. In the full tilt position, the clearance between the tilt lever and gearcase should be 1/64" (paper thick). Refer to Tilt Lock Nut Adjustment if required.

Operations

TO START--Make sure the Dyna-Clutch lever is in the STOP position. If it is not, push the lever down to the STOP position before attempting to start the engine. Open fuel valve under fuel tank (if so equipped), open throttle approximately half way down and apply choke. Holding unit handle firmly with one hand, pull the starter rope sharply with the other about (3) times. When engine starts, open choke and adjust throttle as necessary to keep it running. If engine doesn't start after (3) pulls, open choke slightly.

NOTE: These starting instructions are general guidelines only. Since many engine options are available on CF Power Trowels, consult the ENGINE MANUAL included with the unit for specific instructions.

TO SHUT OFF

8 HP B&S ENGINES - close throttle all the way, flip grounding tab against spark plug and hold there until the engine comes to a complete stop.

5 & 8 HP aHONDA ENGINES - close throttle all the way and flip oil minder kill switch to the OFF position.

4.6 & 7.5 HP ROBIN ENGINES - close throttle all the way, depress kill switch button and hold down until engine stops completely.

NOTE: These stopping instructions are general guidelines only, consult the ENGINE MANUAL included with the unit for specific instructions.

To Start/To Shut Off/Initial Operation/Floating Operation/Finishing Operation

INITIAL OPERATION--With engine started as instructed previously and at operating temperature, adjust speed to about half throttle. Hold the handle firmly with one hand and move the Dyna-Clutch lever to RUN position to engage the trowel blades.

FLOATING OPERATION

Attach float or combination blades to the trowel arms, and when the concrete has set sufficiently as noted above, set the unit on the concrete.

Start the unit and engage the blades as previously instructed. Using the tilt adjustment knob, adjust the blades to the float position--blades should be as flat to the concrete as possible with enough tension kept on the tilt adjustment cable to prevent the unit from dancing or chattering.

Guide the trowel over the concrete in a circular back and forth motion. Under normal conditions, you should be able to float a 30 x 30 foot area in approximately 15 minutes.

This operation will bring the water and fines to the surface, allowing for a smoother finish when finishing the concrete.

FINISHING OPERATION

After floating, allow the concrete to set until it will support the weight of the trowel. Set the pitch to approximately 1/4" to 3/8" on the blades. If the blades start to dig into the concrete, decrease the amount of pitch.