

550E SCREED CROWN SETTING

1a. On a flat surface, find the null position of the screed depth handles by adjusting them until they are free and not in tension.

1b. Run a string across the leading edge (front) of the main screed bottom, as close as possible to the bullnose of the screed plate, and adjust the forward ratchet jack until there is a slight gap (approximately $\frac{1}{4}$ " – $\frac{3}{8}$ ") between the screed plate and the string.

String MUST be on the flat portion of the screed, not on the radius portion

2. Place the string across the back of the main screed bottom, near the trailing edge (rear) curvature of the screed plate, and adjust the rear ratchet jack until the screed plate just touches the whole length of the string. Pull the string away, at one end, and bring it back to verify that it contacts the entire length at the same time.

String MUST be on the flat portion of the screed, not on the radius portion

3. Place the string across the front of the screed bottom and double check the gap between the screed bottom and the string. Re-adjust the forward ratchet jack as necessary to obtain the $\frac{1}{4}$ " – $\frac{3}{8}$ " gap between the string and screed plate.

4. Place the string across the rear of the screed bottom and double check the gap between the screed bottom and the string. Re-adjust the rear ratchet jack as necessary to verify the screed plate just touches the whole length of the string.

5. Repeat steps 3 and 4 until no adjustment is required.

550E EXTENSION SETTING

6. Run Extensions all the way out.

7. Loosen strike-off bolts and raise and raise strike-offs all the way up and "hand tighten" bolts.

8. Position extensions so they are at 1' out on each side (paving width of 10').

9. Lower screed onto four 24" long 2X4 boards. Lower screed so that the inside edge and outside edge of each extension are resting on the boards.

10. Null the screed by rotating the cranks until you locate the position of free movement. This is a limited area where the depth cranks will both rotate freely in either direction. This is the nulled position. Then, rotate thickness screws 1 $\frac{1}{2}$ rotations, (in the thicker direction).

11. Completely loosen the extension strike-off bolts so that the strike-offs freely rest on the setting boards.

12. Use wrench to tighten strike-off bolts completely.

13. Start paving and make adjustments as required.

550E SCREED BOTTOM REPLACEMENT – BOLT ON PLATE

1. On a flat surface, find the null position of the screed depth handles by adjusting them until they are free and not in tension.
2. Find the screed crown null position. “Null” can be achieved by rotating the ratchet jacks until both forward and rear ratchet jacks are not under pressure and are free to move without the handles.
3. There is a steel flap fully welded to one half and overlapping onto the other half, place three tack welds on the overlapping side. This is located on the top surface of the screed, between the two heating burners. This will act to secure the right and left sides in this null position.
4. Unbolt the existing screed plate. Remove any material left inside the open cavity of the screed, check the heating burner area closely.
5. Install the replacement screed plate.
6. Remove the three tack welds from step # 3.
5. Reset the screed crown, as described in the Crown Setting Instructions.

Key Replacement Parts

Part Number

- Replaceable Screed Wear Plate 092-0275
- Screed Replacement Hardware Kit 092-0275-BK
- RH Extension Strike-Off 092-0023
- LH Extension Strike-Off 092-0024