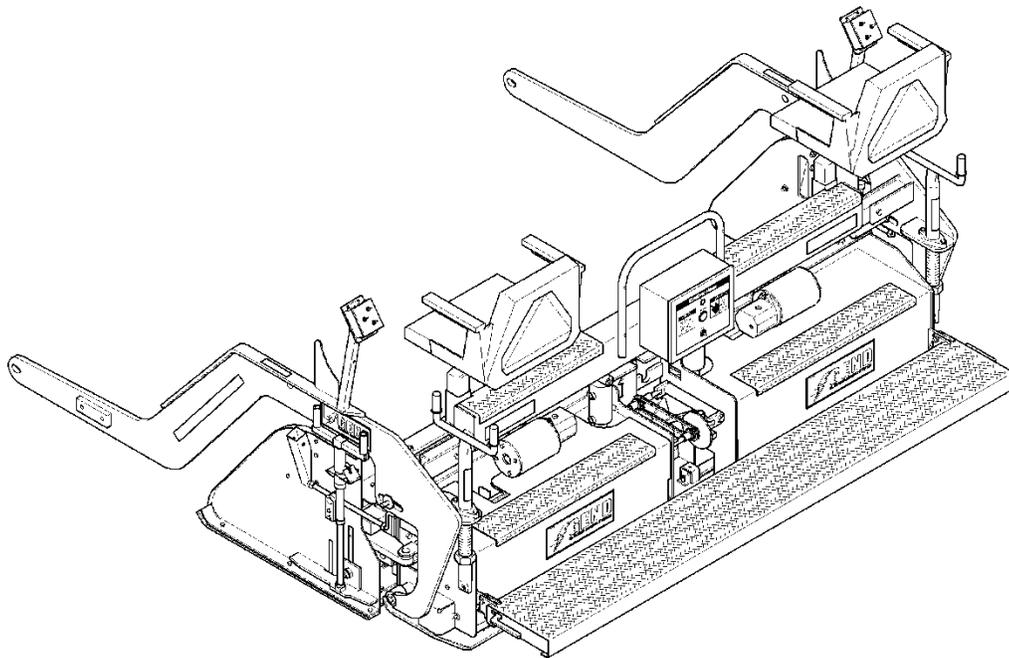




Screed set up for 8500 series pavers



Screed set up

Previous to starting, insure upper slide for extension is adjusted properly. Reference the maintenance section of operators manual.

1. With screed raised, place jack stands under main screed for safety. Extend left and right extensions all the way out.
2. Adjust both left and right end gates all the way up. Fig. 1



Fig. 1

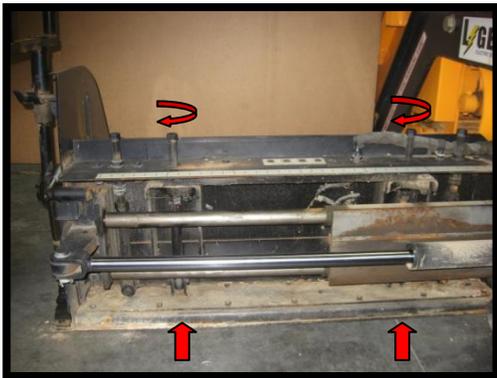


Fig. 2

3. Adjust extension angle of attack adjuster clockwise to bring the rear of extension wear plate all the way up. Repeat for other extension. Fig. 2

*Do not over adjust, may cause damage to extension adjuster

4. Position tow points in center of travel. The bell crank is usually in a straight up and down position when actuator is in center of travel. Fig. 3



Fig. 3

5. Lower screed onto level surface. Be sure there is no debris on ground or screed, remove if present.

*Removing platform step is not necessary but makes access easier

6. Null out main screed by turning depth screws on main screed until screed plate is level to floor. Fig 4



Fig. 4

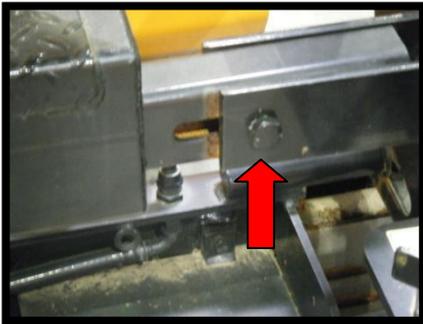


Fig. 5

7. Null out crown and valley adjustment by loosening thru-bolt and nut on screed cross tube on right side (slotted) Fig.5 , then adjusting crown turn buckle until main screed is level to ground. Fig. 6

*Main screed should have very little to no reveal across the rear of the screed plate. If one side has more reveal than the other then the screed is twisted. Note that screed is manufactured with 1/8 lead crown.

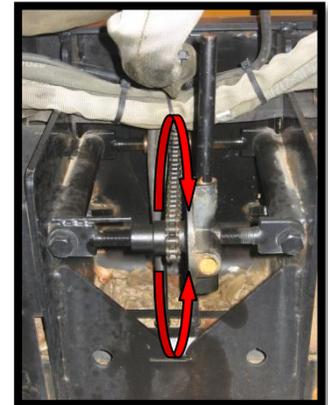


Fig. 6

To remove twist

1. Raise screed
2. Turn depth screw on right side of main screed in one direction completely, next turn left side depth screw in opposite direction completely. This will put the main screed in a "twist" position and the idea is to twist the screed back to straight.

3. Lower the screed and re-null as per steps 6 and 7 in screed set up. Ensure screed is level to ground. If situation worsened then repeat "To remove twist" but turn depth screws in opposite direction.

*Screed plates that have been run too long with a "twist" may have become damaged and may need replacing.

8. Raise screed and place jack stands under screed. Retract extensions completely in.
9. Place level on the bottom of the main screed toward the outside, allowing the front of the level to protrude just past the front of the extension. Fig. 7



Fig.7

*Placing the level in-line with the extension outside adjuster will give the best results.

10. Ensure the extension "bull nose" is level to 1/8th inch above the main screed. Fig. 7 If within this range proceed to step #12.

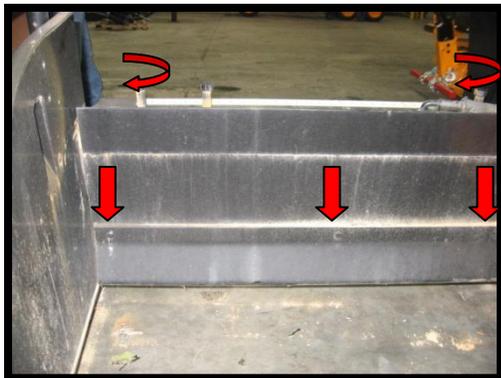


Fig. 8

11. Loosen extension guard bolts and adjust "bull nose" adjusters up or down to achieve a level relationship between extension "bull nose" and main screed. Fig. 8

*The extension "bull nose" should never be left below level of the main screed.

12. With level still in place, adjust tail of extension wear plate down by adjusting the angle of attack adjuster counterclockwise until rear of wear plate just touches level. Fig. 9
13. Extend extension completely out and repeat steps 9-12 for the inside of extension wear plate.

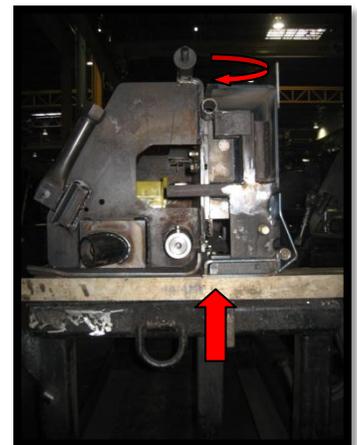


Fig. 9

14. Retract extension completely and if applicable ensure sloping cylinders are completely extended.

15. Place level toward middle of main screed, protruding out past extension "bull nose". Fig. 10
If at this point extension is within 1/16th level with main screed proceed to step #17



Fig. 10

16. Remove rear screed covers to reveal sloping cylinders.

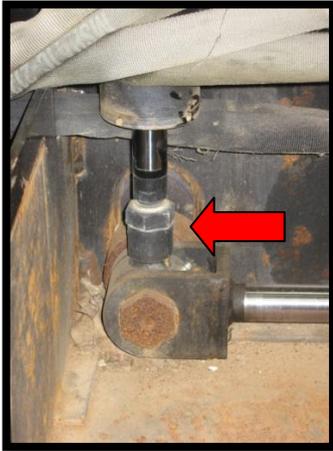


Fig. 11

17. Adjust sloping cylinder rod end in or out to make inner extension level to main screed. Fig. 11

18. Complete steps #8 thru #16 for opposite side extension.

19. Replace covers and ensure bolts for extension guard, extension slide rods and screed slope bar are tightened. Lower end gates to level with bottom of extension wear plates. Reinstall rear platform, if removed.