



CopperHead™ XD Laser Screed® Newsletter

April 5, 2004

Welcome!

Thank you for being a part of the CopperHead community. We hope you find some of the tips and techniques outlined in this bulletin helpful to your overall success with our equipment. If you have any questions, don't hesitate to contact us:

Phone: 906-482-7252 (Option 4).

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World Of Concrete 2004

The 2004 World Of Concrete in Orlando was busy and exciting. Our booth was crowded with people interested in the all new SXP Laser Screed and CopperHead XD Laser Screed.

If you attended the show, we hope we had a chance to talk to you!

We gave a machine away at the show. Of the over 950 entrants, the lucky winner was:

*Eric Swauger of ESI-Concrete Pumping
In Tampa Florida*

Screeding The World

Since introducing the CopperHead in 2002, this machine has taken the world by storm. Somero has shipped over 400 hundred units around the world. So far, we have shipped machines to 47 states and to over 20 different countries!

Fine-tuning Your Overlaps

At the start of each day, it is important that you adjust both the left and right receivers to match elevation and minimize any overlap issues.

- ◆ If both sides are not evenly matched, the plow may tend to dig in on the overlap edge.
- ◆ Fine-tune both left and right sides as required
- ◆ Recheck elevation whenever making any sort of laser receiver/transmitter adjustment

Surface Sealing

If the surface of your concrete doesn't seem to be sealing up properly, there are many adjustments you can make on your machine to improve it. The major ones are the counterweight position and the vibrator angle of attack. In addition, you may want to slow your pullback speed and place the concrete more accurately.

Counterweights

The counterweights are used to change (adjust) the down pressure on the head of the machine.

- ◆ We recommend starting with 2 counterweights on the rear of the machine for most applications.
 - ◆ When screeding lower slump concrete, the position of the weights may need to be adjusted. To increase the amount of down pressure on the vibrator, move the weights from the back to the sides (neutral position) of the machine.
 - ◆ For higher slumps and when your screed head is leaving a "wake" or thick cream line, add counterweights to the rear of the machine and set the attack angle back to standard 3 degrees
- Each counterweight weighs 7 pounds. If you want to make the machine lighter, remove them from the side storage locations.

Note: Please review the "CopperHead XD Liftarm Weight Explanation Of Use" sheet and insert into section B.2.2 of your manual.

Setting Grade

Whenever you are establishing or checking grade, your technique should help minimize the affect of the Laser receiver's deadband.

- ◆ Remember to bring the grade rod down from above grade every time.
- ◆ Remember to bring the laser receivers down from above grade every time.

Grade Rod Adjustment

Your CopperHead grade rod was set with the collar affixed at 7-1/8" from the bottom of the rod. This is a nominal setting and should enable you to set the plow very close to desired grade. However, slump and mix design differences will result in having to make adjustments to the plow height. If you find yourself consistently making the same adjustments, you may want to slide the collar up or down to match your typical mix design.

Send Us Your Pictures

We'd love to see your machine in action on your toughest jobs. E-mail your digital pictures to support@somero.com with a description of the application and we'll post it to our web site.