

THE LACY LEDGER

Construction news and trends, plus a little light-heartedness



Our new laser screed in action. The laser is capable of hydraulically leveling concrete to the tune of 56,000 square feet, or about the size of a football field, each eight-hour day.

Our Newest Investment In Technology

Last October, we took another step in our quest to provide you with the best product possible. We purchased a Ligchine ScreedSaver laser screed and a newly-developed Topcon millimeter control system. The laser screed will do the “heavy lifting” part of the task, hydraulically leveling the concrete to the tune of approximately 56,000 square feet, or about the size of a football field, each eight-hour day. While we won’t need that capacity very often, it’s nice to know that we have the ability. The twelve-foot screed head can reach out 16 feet during each cycle.

The laser screed, however, is useless without the Topcon control system, which uses GPS and lasers to position the screed at the proper elevation for the given horizontal coordinates. The elevations

and coordinates are either developed on a CAD program or compiled manually from site coordinates. Using either method makes for a highly accurate placement, and the combination of equipment will place the concrete within a 0.25” vertical tolerance.

The Topcon control system will allow us to input our CAD drawing files directly into the Topcon system. We can then use the information to not only control the laser screed in three-dimensional planes,

but also to control our earthmoving equipment.

Though there are quite a few benefits from using this system—such as improved productivity and a reduction in wasted

labor, materials and equipment—the main reason we invested in the technology is to allow us to improve the quality of our finished

concrete. By having such a tight tolerance on our leveling process, the rest of our procedures will improve, thus providing our customers a better finished product.



Our laser screed up close and personal.

Happy New Year!

The new year is traditionally a time of reflection, when we look back at what we've accomplished and ahead with hope and promise for the future. It's also an opportunity to appreciate our own blessings and share some of what we have with those less fortunate.

As a business, we have a lot for which to be grateful...our dedicated, hardworking employees, our outstanding building team partners, our supportive corporate friends and, of course, our loyal clients, without whom we would not exist.

On behalf of the entire Lacy Construction Company staff, we hope you had a safe and happy holiday season and wish you a healthy and prosperous 2015.



Scan this QR code with your Smartphone QR app to learn more about Lacy's people and projects.



Want more information? Call Jerry Huismann at 308-384-2866

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