

**The R 914 uses LIKUFIX to quickly switch attachments and connect hydraulics.**



# LIEBHERR



## Situation

Burgemeister-Bell, Inc, a family owned company currently run by Arthur Bell, III, President and Francis (Junior) Bauerlien, General Superintendent, is located in Owings Mills, Maryland. Burgemeister-Bell specializes in mechanical contracting, specifically plumbing and utility work.



## Task

Burgemeister-Bell was awarded, as low bidder, the Baltimore County job to install a sewer system, a job that requires 5,000 feet of 24" sewer line. This task requires the use of several different attachments and at least two different machines to dig the hole, lay the pipe, and compact the soil. Working on narrow roads and manually switching between attachments and connecting the hydraulics is a time-consuming, inefficient process.



## Solution

Junior was introduced to the LIKUFIX at Liebherr's booth during Bauma 2004 and immediately saw the advantage of this quick-coupling tool. In Dec. 2005, Junior became the first customer in the US to own and operate a Liebherr machine with the LIKUFIX attachment, saying, "Using the LIKUFIX for this job application just makes sense."

The LIKUFIX is a hydraulic quick change system combined with an automatic hydraulic coupling system,...

enabling the operator to change all of the hydraulic equipment from inside the cab within seconds. "I primarily use the clam-shell attachment, but I also need to switch to other attachments to finish the job. Before I needed two machines. Now on grinder pump jobs, I can just drop the clam and pick up the tank," Junior said.



## Performance

The LIKUFIX allows the operator to easily switch among the roller, bucket, vibratory plate and clamshell. While Junior previously used two machines for the job, he is now able to use only one, freeing other machines for separate jobs. Junior's wife, Diane, the main operator, said, "I had to work on a site recently without my LIKUFIX machine and it just felt as if I were missing one of my tools. It's great to be back using my LIKUFIX."

The machine operates 40 hours a week and has not had a single problem with the hydraulic connections or the operation. Junior said, "You just make sure the pins are clean for a good hook-up. The hydraulics are great, I've had no problems with the LIKUFIX. It's really doing a good job."

## Technical Data

### R 914 B with Likufix

Engine _____	Liebherr D 924 TI-E
Engine Horsepower _____	152 HP
Weight _____	55,335 lbs
Bucket Capacity _____	0.23—1.07 yd <sup>3</sup>

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