

# Ram Jack® Case Study

Windsor Forestry Tools • Milan, TN



ECO-FRIENDLY

Situation: October 2008, Windsor Forestry Tools, a local industrial facility in Milan, TN, contacted Ram Jack of Tennessee with some foundation issues they were having with their building. During the site inspection, large cracks were observed in the perimeter wall that allowed sunlight to be seen from inside the building through the cracks. An elevation survey determined the perimeter foundation and floor slab had settled three (3") inches. The owners required that any underpinning work that was required have minimal to no effect on the facilities daily operations.

Solution: Ram Jack's helical steel piling system was chosen by the owner to underpin and raise the structure. A total of 31 piles were required. Sixteen (16) of these piles were installed beneath the exterior grade beam and 15 piles beneath the interior floor slab. The embedment depth of the piles ranged from 29 to 35 feet below grade.

Conclusion: Once the helical piles were installed, Ram Jack of Tennessee was able to achieve full elevation recovery to the structure. The entire project took four days to complete with no interruptions to the daily business operations of the facility. Ram Jack Helical Piles are stronger, faster and cleaner than any underpinning system on the market today.



**Strength and Stability**

888.332.9909 TOLL FREE

www.ramjack.com WEB

**RAM JACK®**  
FOUNDATION SOLUTIONS