

PROGRESS GROUP
ULTRASPAN TECHNOLOGIES



**LONG BED AUTOMATION
FINISHING MACHINE**

Twin Valley Precast's Successful Investment in UltraSpan's Automated Finishing Machine

Introduction:

Twin Valley Precast made the decision to invest in an automated finishing machine from UltraSpan, a decision that has led to remarkable improvements in quality, efficiency, and competitiveness. Like most precasters, Twin Valley found that in today's labor market, maintaining high-quality standards, improving labor efficiency, and finding competitive advantages are key to market growth within the industry. Leveraging automation has been a successful endeavor for Twin Valley Precast and the company has seen a 40% reduction in rework and labor associated with finishing in their wall panel operation.



Background:

Twin Valley Precast has been a key player in the precast concrete industry for over a decade. They are known for their commitment to quality, on-time delivery, and innovative solutions. However, as the industry evolved, the company recognized the need to enhance its processes to stay competitive and meet the growing demands of their customers.

The Challenge:

1. **Quality Control:** The traditional finishing process is labor-intensive and can lead to inconsistencies in the quality of the final product.

2. **Labor Efficiency:** The manual finishing process requires a substantial labor force, increasing production costs and hampering the ability to meet tight project deadlines.
3. **Competitive Advantage:** In a highly competitive market, Twin Valley Precast needed a unique selling point that would set them apart from competitors.

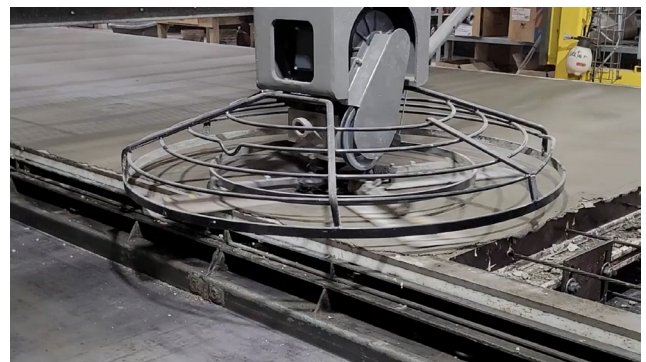
Solution Benefits:

1. Increased Quality:

The finishing machine has improved the quality of Twin Valley Precast's products significantly. It provides consistent, smooth finishes, eliminating the imperfections that are common in the manual process. This has reduced customer complaints and rework, ultimately saving time and resources. The precise control and uniformity of the roller screed and power trowel have also made the precast products more visually appealing, boosting customer satisfaction.

"The level of flatness and smoothness we are getting on our wall panels with the new finishing machine would not be achievable with a walk behind power trowel. The steady and even pressure provided by the machine is allowing our finishers to produce more even and nicer panels than ever before."

-Joe Tschetter, Manager Twin Valley Precast



2. Labor Efficiency:

The automated finishing machine has allowed Twin Valley Precast to reduce its labor requirement for this operation by 50% while increasing production capacity by 20%. Fewer skilled laborers are now needed to operate the finishing machine, freeing up employees for other critical tasks in the production process. These cost savings have had a direct impact on the company's bottom line and enhanced overall operational efficiency.



3. Competitive Advantage:

Investing in UltraSpan's finishing machine has given Twin Valley Precast a significant competitive edge. They are now able to offer higher-quality products with shorter lead times. Their ability to consistently meet project deadlines has led to increased customer satisfaction. This unique selling point has attracted new business and positioned Twin Valley Precast as a reliable and innovative supplier in the precast concrete market.



Conclusion:

The decision by Twin Valley Precast to invest in UltraSpan's finishing machine has proven to be a wise strategic move. The benefits realized in terms of increased quality, labor efficiency, and competitive advantage have transformed their business. By leveraging automation to enhance their operations, Twin Valley Precast has strengthened its position in the competitive precast concrete industry. Contact us today to learn more about the advantages of automating your operation.



Twin Valley Precast
Township Rd 470-A Hwy 41
Wainwright, Alberta, T9W 1S8
T: (780) 546-4023
sales@twinvalleyprecast.com
www.twinvalleyprecast.com



UltraSpan Technologies Inc.
165 Fennell St.
Winnipeg Manitoba, R3T 0M6
T: (204) 992-3200
info@ultraspan.ca
www.ultraspan.ca