



# Warehousing Solutions

*We've Got You Covered*

## Farr Canada

Crane Cover  
Edmonton, Alberta



Farr Canada needed to protect a large standing crane that was being used to move and assemble heavy machinery at their Edmonton facility. Problem was they didn't have the space at their manufacturing plant. They called Universal Fabric Structures for help.

## Background

Farr Canada, a manufacturer and distributor of hydraulic power tongs, needed to protect a large standing crane that was being used to move and assemble heavy machinery at their Edmonton facility.

Problem was they didn't have the space at their manufacturing plant. They called Universal Fabric Structures for help in designing a solution to meet their needs.



## Scope of Work

A 60' wide x 75' long Hercules structure with 20' interior eave clearance.

## Solution

After discussing multiple options available it was recommended to use the Hercules Series. The Hercules uses a galvanized steel frame and this particular project required Premium Ferrari 24 oz. fabric with a commercial R-19 insulation. The flame retardant fabric meets California Fire Marshall NFPA 701 standards. Due to the size of the crane the structure was designed 60' wide x 75' long with 20' interior eave clearance. The side walls on the Hercules were modified and raised to meet the needs of the crane height.

Another modification was needed to meet the elevated snow load requirement. Winters in the Alberta, Canada region are extremely harsh and the team at Universal Fabric Structures customized the building to exceed these limits. The structure meets the required wind load for the region as well.

There was one more request.

Farr wanted the new building connected to its current manufacturing plant. A connecting corridor was designed with full insulation attaching the traditional construction manufacturing plant to the tensioned fabric Hercules building.



**Connecting corridor**

Since the facility is located in an area where there is sometimes a labor shortage, installation was provided by Universal Fabric Structures as well. Even with these modifications the new structure still was able to provide a fully insulated manufacturing environment at a fraction of the cost of traditional construction.



### **About Farr**

Operating from their 42,000 square ft. manufacturing and distribution facility in Edmonton, Alberta; FARR has been manufacturing hydraulic power tongs since 1976. Farr Canada manufactures Hydraulic Tubing, Casing and Drill Pipe/Casing Tongs, Pneumatic Kelly Spinners, Electric or Diesel Hydraulic Power Units, Urethane Casing Thread Protectors and Computer analyzed Torque Turn Systems. FARR products are used worldwide for drilling and work over projects for both onshore and offshore drilling

Visit [www.farrcanada.com](http://www.farrcanada.com)

### **About Universal Fabric Structures**

Universal Fabric Structures (USA) is committed to providing high quality, cost effective, engineered fabric structure systems based on customer-driven needs. Established in 1983, the company has delivered on this commitment providing solutions for military, sport, industrial, and commercial and event applications. Projects include industrial enclosures (including rentals) for warehousing, aviation and environmental remediation.

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