

Airline Hose Reel Safety Arm

Wilbert Precast



Airline Hose Reel Safety Arm



What Inspired Innovation?

- 1- Airlines for blowing out forms were trip hazards in the walkways of the plant.
- 2- Airlines were needing replaced about once per month due to getting cut by form edges and people walking on them. \$50-\$75 per hose per month.
- 3- Production employees having to waste time untangling hoses from around forms and product.

What Does This Innovation Accomplish?

- 1- Helps eliminate trip hazards. Gets hoses up in air, yet still easy to move out of overhead crane or operator's way.
- 2- Replace hoses about once per year now.
- 3- Saves time and efficiency not having to unwrap and untangle from around forms and product.

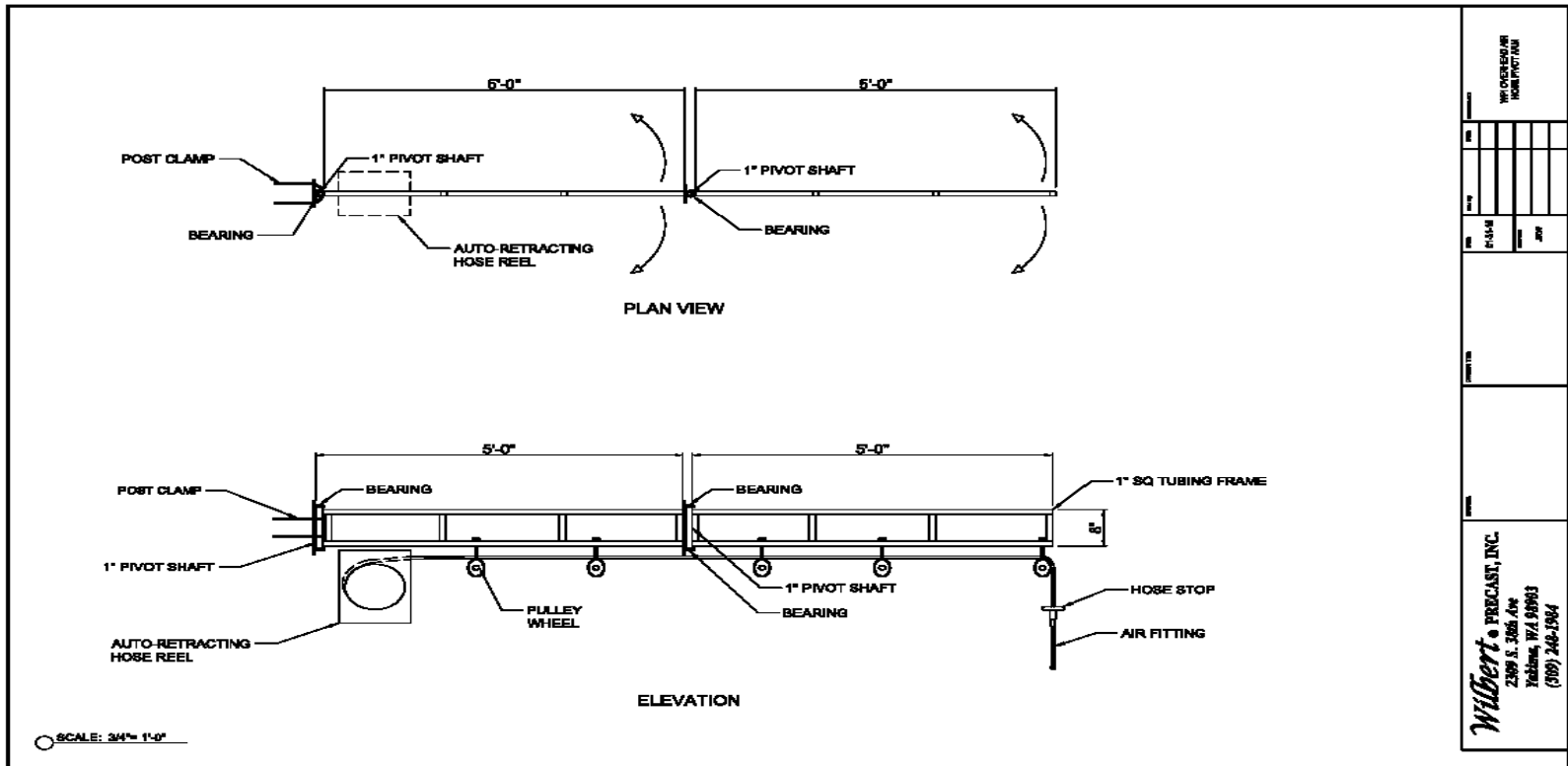
Parts and Cost

- \$225 for Self Retracting Hose Reel with Hose.
- \$80 in steel for Arm
- \$100 for bearings in Arm
- \$100 for Rollers for hose. Basically snatch blocks with hooks cut off.
- Total- Around \$505 and 5-8 hours of manpower to assemble and mount.

In Action



Drawing



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Wilbert Precast, Inc.
2399 S. 36th Ave
Yakima, WA 98903
(909) 240-2964



Thank You

- Invented, built, and mounted by Tony Knights at Wilbert Precast.
- Please feel free to contact Mike Dooley or Tony Knights for help in building your own Airline Hose Reel Safety Arm.
- mike@wilbertprecast.com
- (509)248-1984

