

HOSE MASTER

# Dryer Can Dog Leg Assembly



## Keeping Dryer Rollers Rolling

Uncontrolled movement is one of the most potent design obstacles in industry. In papermaking, the rolling and rotating dryer can is one of the most notorious culprits. Spinning continuously, the dryers put tremendous stress on their rotary joints, and over time, the unions start to wobble and exhibit movement which can wreak havoc on the surrounding piping. This movement combined with the heat, steam, condensate, and chemical nature of this environment make a flexible metal piping component the ideal solution. Hose Master has assisted the paper industry with this issue for years through the use of our high quality dogleg assemblies.

Uncontrolled movements are best addressed with a construction that can fully accommodate multiple movements. A dogleg hose is really two complete assemblies that are joined by an elbow, which combines their flexibility and allows the assembly to go a combination of up, down, and side-to-side. To reduce the number of leak points and increase the overall flexible length of the hose, Hose Master employs expertly trained welders to make these hoses a fully-welded assembly.

### FEATURES:

- Full size range of product from ¼" to 12" inner diameter
- Rigorous product testing certifies assembly integrity multiple times throughout fabrication
- Proprietary hose forming methods, and welded elbow connections allow more hose length for the most flexible metal hose in the industry
- ASME IX certified welders and on-site certified welding inspector ensures highest quality fabrication
- Machine-braided hose ensures the best fit and braid coverage

### BENEFITS:

- **Temperature Resistance.** 100% stainless steel construction for the best resistance to high steam temperatures
- **Reliability.** All-welded assembly means fewer leak points and more reliability
- **Less Downtime.** Longer lasting service life translates into less downtime and maintenance costs
- **Corrosion Resistance.** 321 & 316 series stainless steel and C276 alloy provide superior corrosion resistance

## Hose Master is a Service and Engineering Company

As the leading North American manufacturer of metal hose and expansion joints, Hose Master has grown through product innovation to define the industry standard. We do this by designing and building our own equipment to meet the most stringent requirements in an ever more demanding marketplace.

Our engineering expertise stems from a combination of long-standing industry field experience and 10% of our total workforce being devoted to research and development. But our primary driver to change and improve our organization has always been service to our customers.

By expanding our national presence to include three additional manufacturing satellites to support our extensive outside sales force, and increasing our fabricating footprint by employing and training our 100+ ASME IX welders, we are able to provide premium fabricating and sales service across the country.

*Selecting the proper hose and assembly components is crucial. You must ensure each assembly is designed specifically for your intended purpose and operating conditions. Please consult our website or Inside Sales for assistance.*