



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 & rotating dryer can is one of the most notorious culprits. Spinning continuously, the dryers put tremendous stress on rotary joints, & 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, & chemical nature of this environment make a flexible metal piping component the ideal solution. McGill Hose & Coupling and Hose Master have 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 joined by an elbow, which combines their flexibility & allows the assembly to go a combination of up, down, & side-to-side. To reduce the number of leak points and increase the overall flexible length of the hose, McGill Hose & Coupling and Hose Master employ expertly trained welders to make these hoses a fully-welded assembly.

#### FEATURES:

- Full size range of product from 1/4" 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

**McGill Hose & Coupling is proud to provide our customers with hoses manufactured by Hose Master!**

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

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

By expanding their national presence to include three additional manufacturing satellites to support their vendor partners and sales forces, and increasing their fabricating footprint by employing and training 100+ ASME IX welders, Hose Master is 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.*