



**MERCER
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**The MERCER RUBBER Improved
Method of Steam Curing
Extremely Large Rubber Expansion
Joints and Duct Connectors**

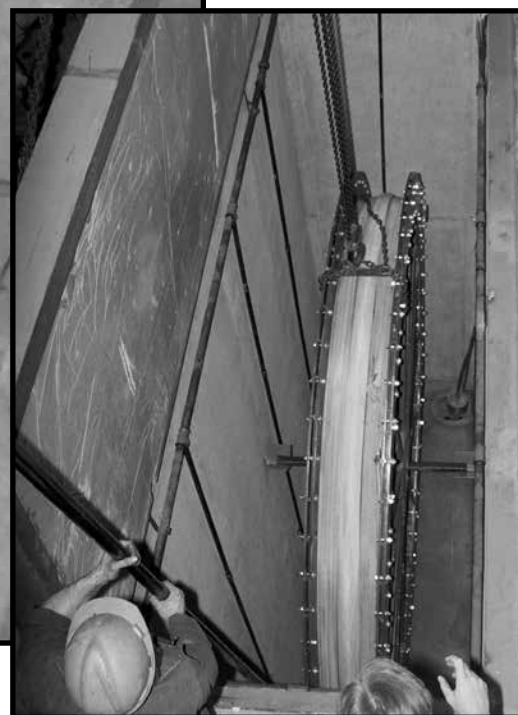
PHOTO BULLETIN 1001

We always had the ability to cure expansion joints up to 128" ID in one of our three high pressure autoclaves. Now MERCER has the unique ability to steam cure huge rubber expansion joints having full faced flanges as large as 168" ID or floating flanges up to 180" ID as well as rectangular expansion joints or duct connectors up to 180" square. We believe this is the largest steam curing system in the United States.



Lowering of 145 inch
ID Expansion Joint
into concrete steam
curing pit.

Weight with mandrel
is 6000 lbs.

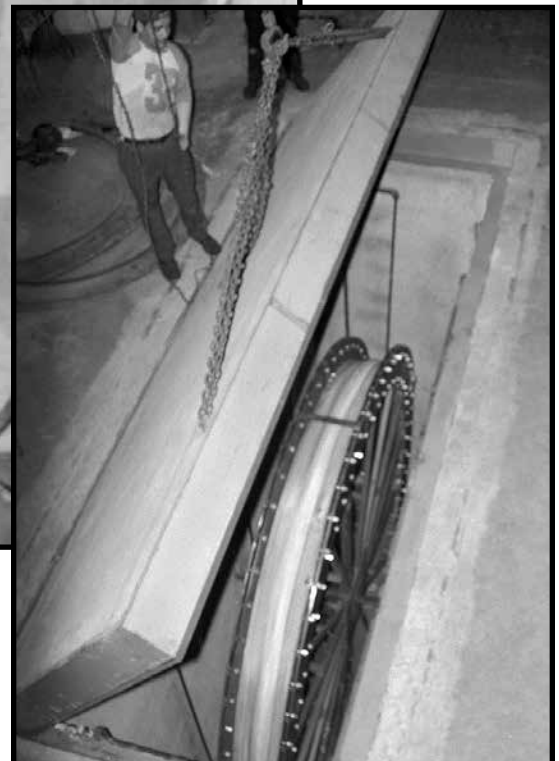


Fully lowered and supported
by shaft to sidewall brackets.



Introduction of swirling steam from multiple jets assures uniform heat distribution and rubber curing. Photo shows pit prior to closing 10" 9600 lb. gasketed concrete cover.

Raising of 10" concrete cover after completion of cure, prior to removal of product.



It is interesting to note that this steam curing method was designed in response to market demand for ever larger product. The old Mercer factory "baked" the product in ovens and some of our competitors still do it that way. Steam cures produce products with fewer defects and much more uniform cure.