

# MASTER-LEE ENGINEERED PRODUCTS INC.

*Master-Lee Engineered Products has developed AirGrips - one of the most comprehensive air-operated gripper systems available for the nuclear power environment*

Designed by field personnel, based on actual field experiences, the Master-Lee Engineered Products Inc. (EPI) **AirGrips** system guarantees usefulness, maintainability and reliability for a wide variety of maintenance routine and specialty.

**AirGrips** is unique with its easy to use absolute positive locking mechanisms. When you buy a **DeluxeGrips** system, you receive all the tools, poles and attachments (heads) to meet your outage needs.

The inter-changeable gripper heads are actuated by the stainless steel air cylinders attached to the end of an aluminum handling mast via non-rotating quick disconnects. Because **AirGrips** use slip joints and locking pin connections on the handling mast, assembly is quick and easy, even in the most restrictive areas. Changing attachments is simplified by using quick disconnects.

The unique quick disconnect incorporates a keyed fitting which prevents the gripper head from rotating. All of the gripper heads are made of stainless steel or chrome plated carbon steel for a long, reliable operating life. The air lines are durable 1/4 inch tubing and can be routed adjacent to or through the center of the mast.

The supplied control unit consists of a regulator, gauge and valve for regulating the gripping force. Operating at 90 psi and with minimal air flow, the maximum



*Deluxe AirGrips - Part# D0011G09*

gripping force of the large gripper is over 100 pounds, but can be reduced for "soft touch" operations, by regulating the air supply.



*The EPI AirGrips system is lightweight and easy to handle. With 50 feet of handling mast and a gripper head, the system weighs less than 20 lbs.*

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