

PMH-H Series Gantry Style Mold Handlers



General – Hydraulic Mold Handlers

PMH-H series mold handlers/manipulators are designed for use on both flask and flaskless molds. Designed as rugged and highly effective devices, the PMH-H will provide years of trouble free service.

CLAMPING

The PMH-H series is 100% hydraulically controlled using world class hydraulic components. Clamping is accomplished using a high quality long stroke hydraulic cylinder with an automatic adjustable pressure sensor. This allows the clamping process to be adjusted for large heavy work or thin side wall molds.

ROLLING

The PMH-H series mold handling system is designed to easily handle rated capacity off-center loads by approximately 10%. This, coupled with high strength steel gripping pads, ensures that you can roll even the toughest of jobs with ease. Rolling power comes from a hydraulic motor and a double or triple speed reduction chain and sprocket assembly. This speed reduction design gives you very accurate and powerful speed control with minimal energy requirements and is completely contained within the structure of a driving arm, providing protection yet is easily accessible for service.

LEVELING

The PMH-H mold handling system is leveled using a dedicated hydraulic cylinder, and trolley/beam assembly. Leveling can be accomplished manually by the operator or automatically using a solid state leveling switch.

The auto-leveling feature ensures that the operator can clamp and roll a mold single-handedly. This also makes locating the clamping jaws on the mold less critical.

MAINTENANCE

The PMH-H is hydraulically powered using high quality and internationally available hydraulic components and controls. As always, this piece of Palmer equipment is designed to require a minimum of maintenance; yet, when maintenance is required, it is easy to perform.

All spare parts are off-the-shelf available either through the Palmer Spare Parts department or from a high quality industrial supplier.

Standard Sizes	
Model	Size
PMH-4000-H	58" maximum opening 24" minimum opening 30" swing radius
PMH-6000-H	62" maximum opening 30" minimum opening 36" swing radius
PMH-10000-H	96" maximum opening 48" minimum opening 48" swing radius