

# Two Casthouse Equipment Suppliers Unite To Become a World Leader in Equipment Supply

**Anker-Cast and Hill Loma unite to become the one source for all casting needs.** On August 5, 2002, Magnum Integrated Technologies Incorporated, an ISO 9001:2000 registered company completed the purchase of Hill Loma. The Purchase adds to the capabilities of Anker-Cast, Magnum's casting division, in a move to grow the scope of products offered beyond vertical and horizontal casting. The offering will now include sawing equipment, packaging, material handling equipment and grinding and polishing. The union, along with the divisions of Magnum, namely; Anker-Cast direct chill casters, Waterbury Farrel Rolling Mills, Anker-Holth cylinders and hydraulics and Magnum Logix automation makes Magnum one of the few companies capable of responding to all the needs of the ferrous and non-ferrous market.

## Rams Used By Most Suppliers

Anker-Cast, has supplied vertical direct chill casting equipment and components worldwide to the aluminum industry for over 20 years. The success of the company was built on its hydraulic strength. For over 65 years Anker-Cast's, sister company Anker-Holth has supplied custom built **internally guided casting cylinders**. In fact, most casting equipment suppliers including Loma Machine have installed cylinders from Anker-Holth for many years, to control the speed and accuracy of the cast and many other hydraulic functions. The crowning success of Anker-Cast's hydraulic equipment is in the ability to automate every intuitively designed parameter to precision control tolerances. Through a combination of custom-built control components, hydraulic design and PLC programming, Anker-Cast controls the cast with safety interlocks and closed loop control systems to surpass other offerings. Hill Loma has a proven track record in over 38 countries with machinery that is built to workhorse standards and engineered to ensure unmatched ROI.

## 50 Years of Casting Excellence

50 years ago Loma Machine entered the nonferrous market transforming aluminum, magnesium, copper, brass and bronze into quality rolling or extrusion stock. Automated systems and innovative mold design now allows Loma Machine to offer molds that produce 60,000 pound aluminum slabs, as well as premium quality billets in batch lots. Loma Machine diversified many years ago into fully continuous horizontal casting machines for single or multiple strands to round out the offering. This endeavor resulted in becoming a true asset to the customers, by providing solutions to casting concerns. Today Loma Machine will take on complete turnkey responsibility for the plant and process to complete facility concept, design, project engineering, machinery engineering, manufacturing, installation, and final qualification.



Hill Acme and Magnum round out the supply With Hill Acme on its side, Magnum offers systems beyond casting. Hill Acme have been designers and manufacturers of heavy duty Abrasive Belt Grinding, Polishing, Buffing and Brushing Machines. This addition is an excellent complement to the Rolling mills offered by Magnum. The Hill acme line also brings a host of other products such as saws, forging machines and material handling equipment .



In the past few years, Loma Machine has been working hard at improvements to the Easy Cast hot top mold system for casting high

quality aluminum billet. Cast houses using the easy cast mold technology have experienced trouble-free cast starts and less runouts. Furthermore, the Loma mold design offers higher density mold tables than other manufacturers to increase the cast output. This feature alone yeilds a high return on investment when upgrading to the Loma mold design. Mold technology is not limited to billets. Both slab and "T" mold designs are available in standard and special sizes to suit the needs of all casthouses.

## Upgrade With Ease

To simplify the use of Loma / Anker-Cast equipment, retrofit packages are available to allow the casthouse to upgrade with ease using Loma tooling with equipment from other manufacturers or simply Loma equipment with existing tooling. This feature alone has made it possible for many casthouses to upgrade component parts of casting equipment without the concern for compatibility. Likewise, your service needs can be answered from the Loma / Anker-Cast service department. The skilled personnel can identify mechanical, electrical, automation and environmental problems affecting your cast. One phone call is all the casthouse needs to have the answers to better casting.

## Get Cost Effective Solutions

Magnum is now in the forefront of the casting industry with the ability to offer cost effective solutions to new plant design or upgrades. Magnum's engineering and field service groups are knowledgeable and experienced to quickly assess and answer casting questions. So for parts, service, feasibility studies or to review the latest and greatest in equipment design, give Magnum Integrated Technologies a call in Canada at 905-455-0402 or e-mail them at: sales@magnum-integrated.com.

You may also visit them at Aluminum 2002 in Essen, Germany, or at their web sites at [www.magnum-intergrated.com](http://www.magnum-intergrated.com), where you can navigate to all the divisions or at [www.anker-cast.com](http://www.anker-cast.com) & [www.hill-loma.com](http://www.hill-loma.com). Magnum is located at 200 First Gulf Blvd. in Brampton, Ontario. L6W 4T5, Canada. The Fax number is 905-455-0422.