

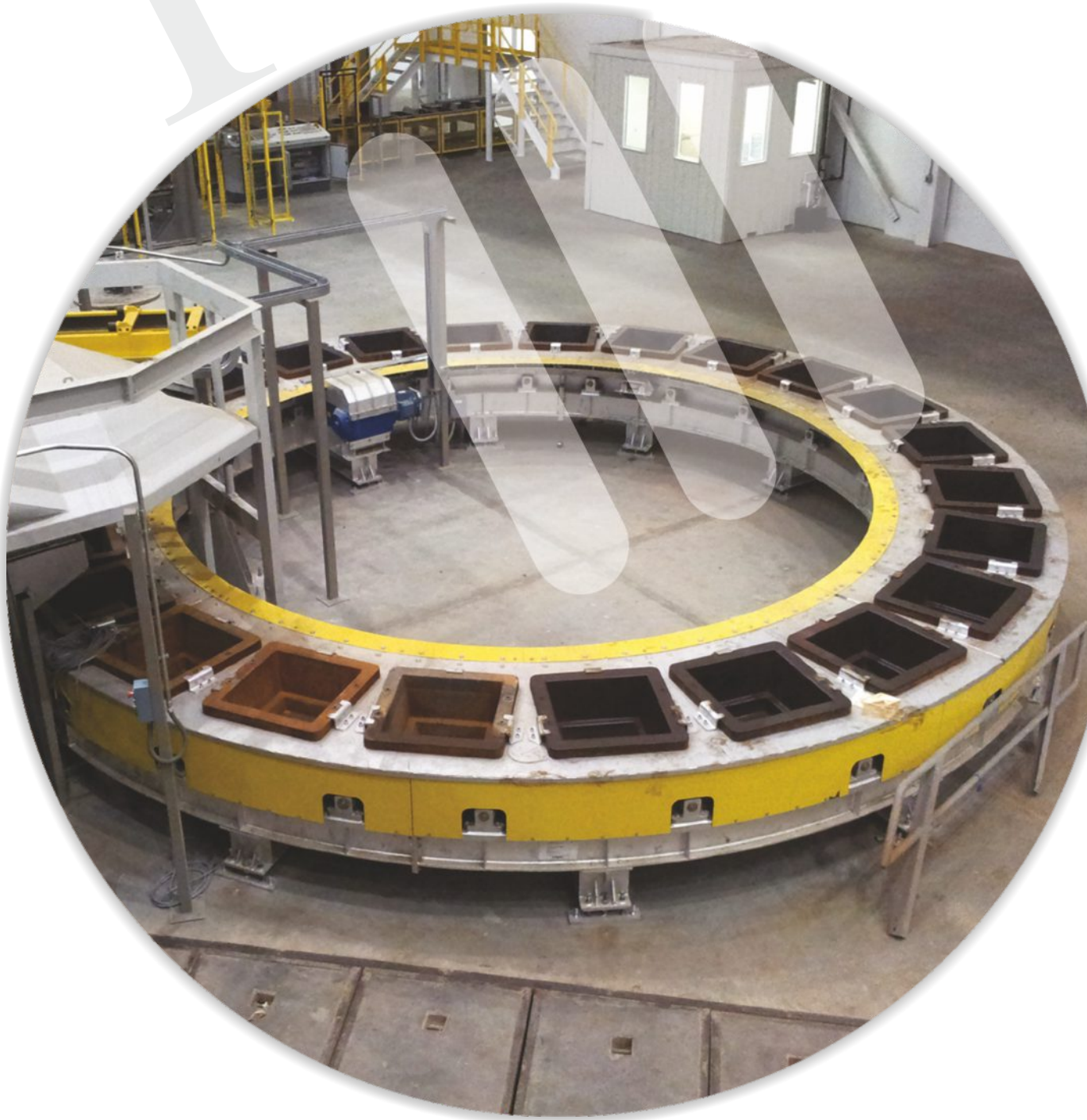
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Lead
207.2



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HOGS CASTING MACHINE



HOGS CASTING MACHINE

SCOPE: Receiving of molten lead and production of solid hogs
Hogs mechanized handling with pick-and-place vacuum extraction

TYPE: Carrousel water-bed casting machine carrying hog molds
Machine composed by a circular water-proof structure containing the cooling water having a series of molds placed in dedicated wheeled cradles for the step to step travel from the lead receiving point around to the solid extraction point.
No vapors or fumes are produced and spread in working area

Equipment:

Molds preheating burner with valve train and safety devices
Tilting tundish metering the metal in the mold - under suction hood
Laser system detecting both the molds vacancy and the lead level
Cooling system via re-circulated chilled water

Mechanized Handling System:

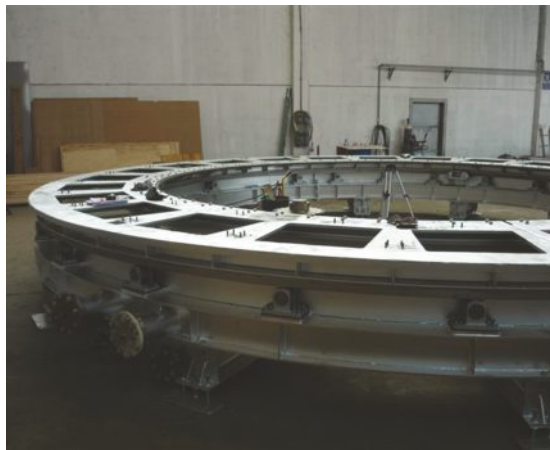
Pick-and-place system for the solidified hog via vacuum extraction, lifting and handling by special clamp and placing onto a dedicated position or conveyor

MATERIALS: Molds: Cast Iron, Ni added, Tool Machined
Structure: Carbon Steel

FEATURES EXAMPLE:

Production rate:	20	t/hour of Pb hogs
Hogs weight:	1.000	kg \pm 3%
Molds number:	24	stations
Total installed power:	42	kW
Water content:	1.200	litres (recyclable)

Other productions and operating parameters can be applied on request



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