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INGOT STACKING ANTHROPOMORPHIC ROBOT



INGOT STACKING ANTHROPOMORPHIC ROBOT

SCOPE: Arrange the solid ingots received from the casting machine into transportable stacks (bundles)

TYPE: Fully automatic stacking robot that has the ability to pick up the ingots in 5 piece rows and stack them onto a dedicated station with each row rotated 90° from the other, until the stack is completed.

The stacking unit is a 4-axis anthropomorphic robot with the available load capacity suitable to pick up one complete row of (5) ingots using a specially designed pneumatic pinch.

The load is then transferred and placed over a separate conveyor or other dedicated receiving station.

The machine is supplied complete with:

- Pneumatic pinch, suitable handling capacity, ingot height detector
- Control panel with PLC and adjustable software
- Protection cover in technical fabric

RATED CAPACITIES: from 5 tph up to 40 tph of Pb ingots, others upon request
INGOT WEIGHT: from 25 kg up to 55 kg, others upon request
STACK WEIGHT: 600 kg to 1350 kg or other upon request
STACK CONFIGURATION: based on pre-defined number of 5-ingot rows (each row rotated 90° from the other)

Suitable to be used with strapping / weighing / marking systems



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