



**TIGER Machine Company**

## CONCRETE PRODUCT MACHINES **ROBOTIC CUBER**



### **ROBOTIC CUBER**

The TIGER Robotic Cuber with pneumatic 2-way clamber and synchronized mechanism can make 3 rows of architectural blocks (TIER x maximum 6 TIERS). This system can cross stack cubes on wood or plastic pallets.

The Robotic Cuber can make 2 kinds of cubes (Standard and Corner units) separately and can feed wood or plastic pallet to both units.

TIGER can provide training for the Robot for different sized blocks or cubes. This is accomplished by Pendant with an LCD Touch Screen. This user-friendly control system is simple and can store various programs inside its memory.

### **SPECIFICATIONS**

- 4-axis Palletize Robot
- Pneumatic 2-way clamber with synchronized mechanism
- 2 pressure reducing valves for clamping blocks or wood pallet to prevent breakage
- Voltage: 3-phase, 200VAC (3-phase, 460VAC is also available)
- Electric requirement: 16.7 kW (8.0kVA)
- Compressed air requirement: 20 CFM at minimum 70 PSI
- Maximum block weight per row: 550 lbs (250 KG)
- Maximum cube size: 48"L x 48"W x 48" H
- Maximum wood or plastic pallet: 48"L x 48"W x 5"H (customer provides drawing before order)
- Maximum cubing capacity: 20 of 48" L x 48"W x 48" H cubes/hour

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