

Keeping manufacturers competitive with
quality robotic solutions



Case2Cube provides the reliability and flexibility of a robot within the footprint of a traditional palletizer

Palletizing in-line with production is proven to improve efficiency. The Motion Controls Robotics Case2Cube System is designed around a best in class, high speed Fanuc M410iB/140H robot. When equipped with the standard end of arm tool, it can handle cases in excess of 35 lbs. at rates up to 32 cases per minute. The Case2Cube is pre-engineered to keep cost and lead times down. Additionally, its compact size takes up the same or less space than a traditional palletizer.

Reliability and flexibility of a robot, within the footprint of a traditional palletizer



Case Information

Cases Size Range:

6" x 4" x 4" to 24" x 20" x 24"

Case Weight:

Up to 35 LB with standard EOAT

Up to 100 LB with optional mechanical gripper

Case Rate:

8-12 cpm with base system

16-36 cpm with multi-pick option

Options:

Additional pallet conveyor

Right angle infeed conveyor

Mirror image layout

Multi pick option

- Multiple vacuum zones on the EOAT

- Case registration on the infeed conveyor

Tier sheet placement

- Tier sheet hopper

- Tier sheet vacuum picker added to EOAT

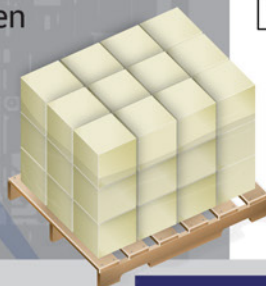
Singe case mechanical gripper



Case2Cube Motion Controls Robotics, INC (MCRI) is a certified Level 4 integrator of Fanuc robots. MCRI works to develop easy-to-use robotic palletizing systems that decrease costs with reductions in labor, ergonomic injuries and floor space.

Base System:

- Fanuc M410iB/140H
- End of arm tool (EOAT)
- Vacuum zone for picking up cases
- Pallet picking jaws
- Infeed conveyor
- Pallet build station
- Exit conveyor
- Pallet rack
- 7.5" color touchscreen
- Safety enclosure



Pallet stack height:
Up to 110" tall

