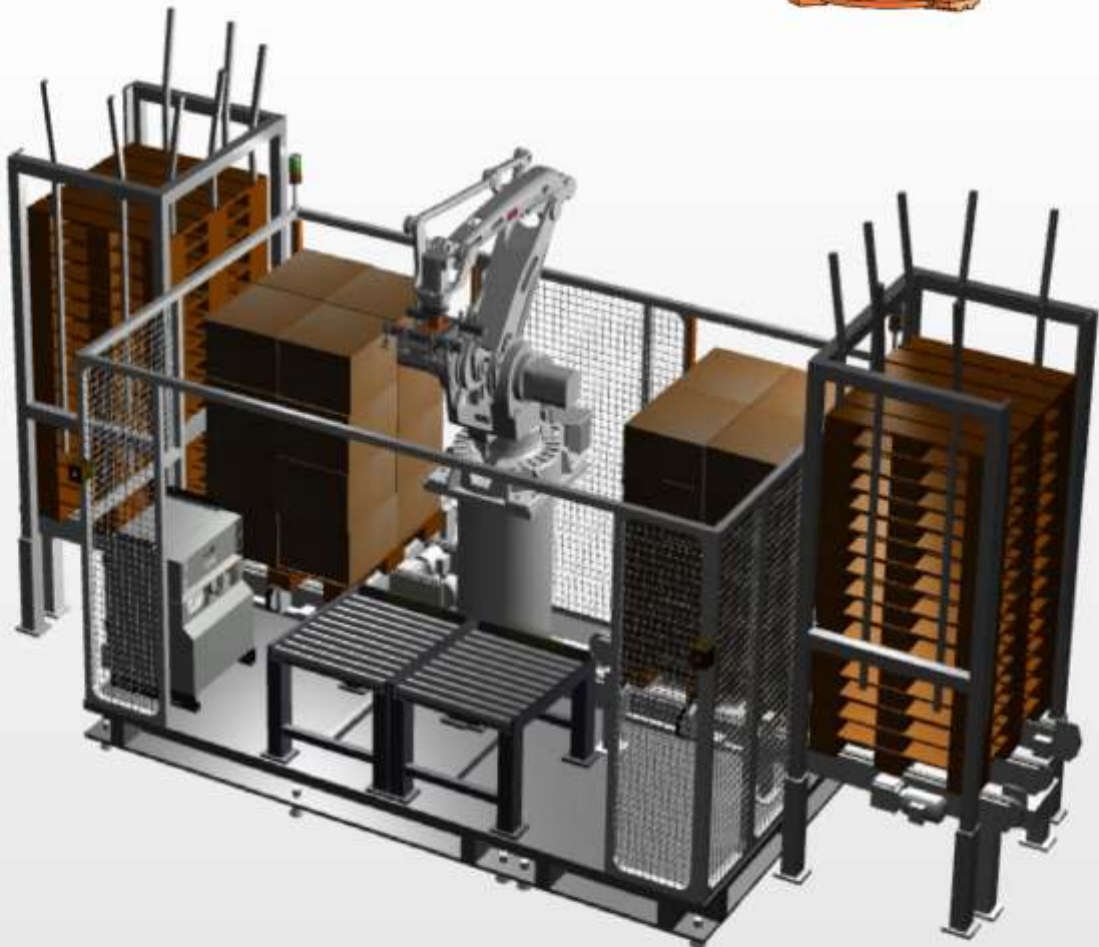
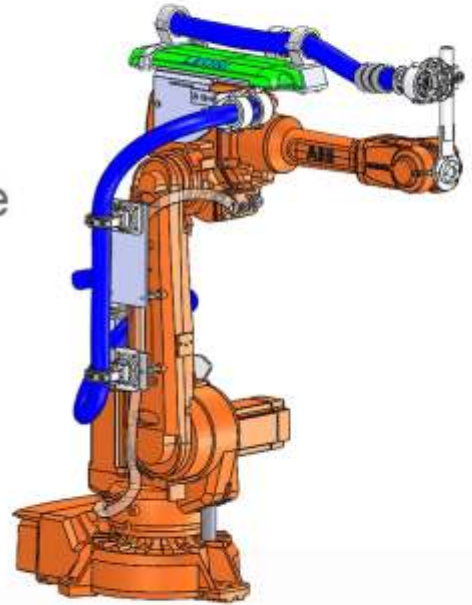


Low Investment cost

Easy To setup & relocate

Compact Design

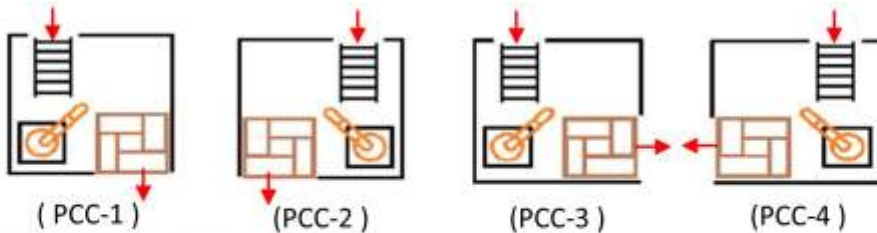
Flexible Configuration



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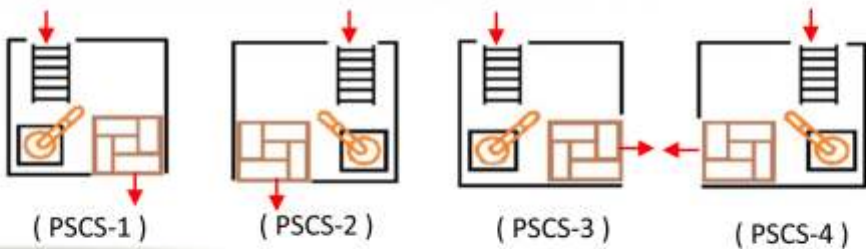
ROBOTICS WORKCELL PALLETIZING SOLUTIONS



SPECIFICATION

Type : Semi-auto Load : Light duty Configuration : 1 in 1 out	Throughput : Up to 15cpm, Depending on product weight or pattern Robot : ABB IRB 4600-60/2.05 Robot Payload : 60kgs	Product Payload : Up to 20kgs Input : Belt conveyor Full Pallet Output : Adjustable pallet guide	Overall Size : 2.8m x 2.1m Palletizing Height : Up to 1.7m Empty Pallet Input : Manually	Power Requirement : 415VAC, 3Phase, 32A Gripper : Vacuum , 1 zone	Shipment : Packaging size & weight -2.3m x 2.8m x 2.3m (H) x 1nos (2131kg)
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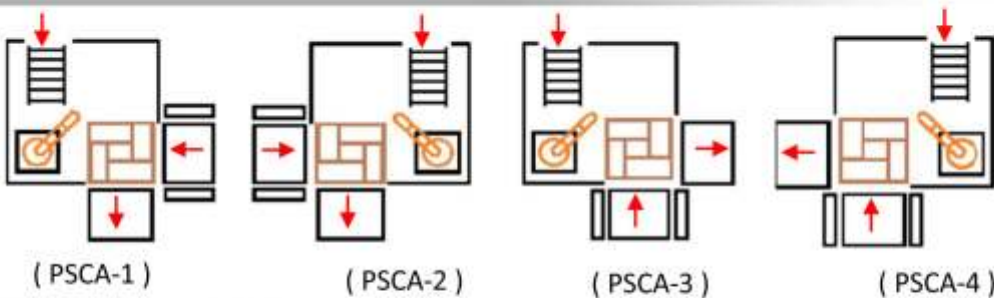
Single Cubical - Semi Auto



SPECIFICATION

Type : Semi-auto Load : Medium duty Configuration : 1 in 1 out	Throughput : Up to 15cpm, depending on product weight or pattern Robot : ABB IRB 460-110/2.4 Robot Payload : 110kgs	Product Payload : Up to 35kgs Input : Belt conveyor Full Pallet Output : Adjustable pallet guide	Overall Size : 3m x 2.5m Palletizing Height : Up to 1.7m Empty Pallet Input : Manually	Power Requirement : 415VAC, 3Phase, 32A Gripper : Vacuum , 1 zone	Shipment : Packaging size & weight -1.7m x 2.7m x 1.4m (H) x 2nos (1323kg + 568kg) -1.44m x 2.05m x 2.1m (H) x 1nos (IRB460-110/2.4) (925kg)
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Single Cubical - Auto, Type One



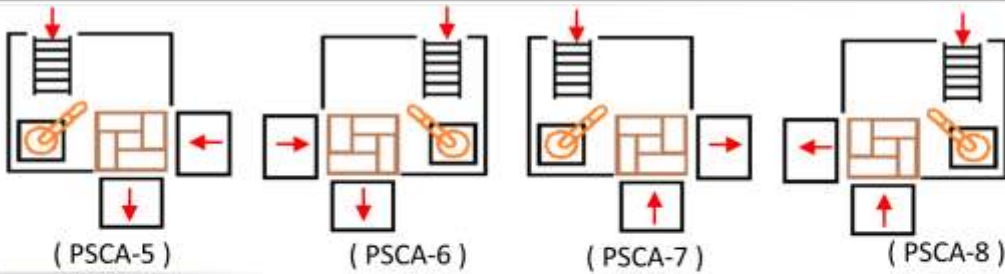
SPECIFICATION

Type : Auto Load : Medium duty Configuration : 1 in 1 out	Throughput : Up to 15cpm, depending on product weight or pattern Robot : ABB IRB 460-110/2.4 Robot Payload : 110kgs	Product Payload : Up to 35kgs Input : Belt conveyor Full Pallet Output : Pallet conveyor	Overall Size : PSCA-1/PSCA-2 : 4.7m x 3.8m PSCA-3/PSCA-4 : 4.4m x 4.2m Palletizing Height : Up to 1.7m Empty Pallet Input : Automatic (pallet dispenser)	Power Requirement : 415VAC, 3Phase, 42A Palletizing Height : Vacuum, 1 zone	Shipment : Packaging size & weight -1.7m x 2.7m x 1.4m (H) x 2nos (1323kg + 568kg) -1.6m x 1.6m x 0.6m (H) x 1nos (150kg) -2m x 1.9m x 2m (H) x 1nos (560kg) -1.44m x 2.05m x 2.1m (H) x 1nos (IRB460-110/2.4) (925kg)
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Authorized value provider



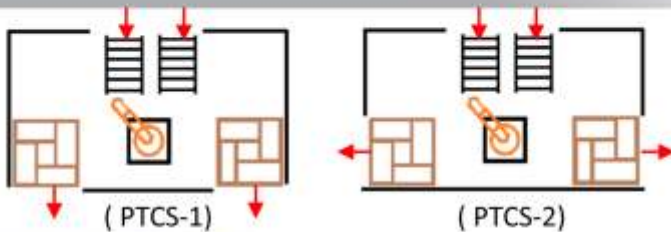
ROBOTICS WORKCELL PALLETIZING SOLUTIONS



SPECIFICATION

Type : Auto	Throughput : Up to 15cpm, depending on product weight or pattern	Product Payload : Up to 35kgs	Overall Size : 4.4m x 3.9m	Power Requirement : 415VAC, 3Phase, 40A	Shipment : Packaging size & weight -1.7m x 2.7m x 1.4m (H) x 2nos (1323kg + 633kg) -1.6m x 1.6m x 0.6m (H) x 2nos (150kg + 150kg) -1.44m x 2.05m x 2.1m (H) x 1nos (IRB460-110/2.4) (925kg)
Load : Medium duty	Robot : ABB IRB 460-110/2.4	Input : Belt conveyor	Palletizing Height : Up to 1.7m	Gripper : Vacuum, 1 zone	
Configuration : 1 in 1 out	Robot Payload : 110kgs	Full Pallet Output : Pallet conveyor	Empty Pallet Input : Semi automatic (pallet conveyor)		

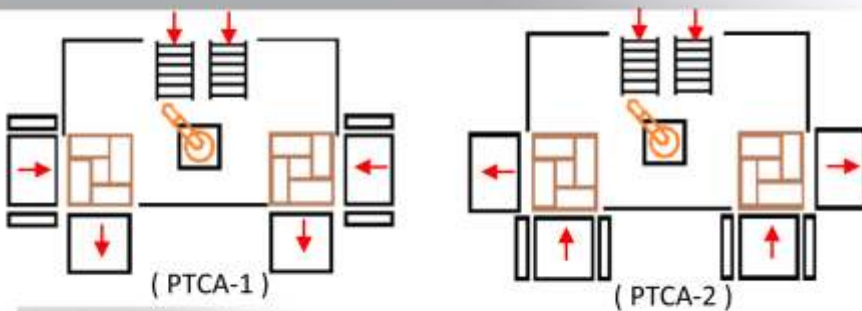
Twin Cubical - Semi Auto



SPECIFICATION

Type : Semi-auto	Throughput : Up to 30cpm, depending on product weight or pattern	Product Payload : Up to 35kgs	Overall Size : 4.5m x 2.5m	Power Requirement : 415VAC, 3Phase, 34A	Shipment : Packaging size & weight -1.7m x 2.7m x 1.4m (H) x 3nos (1318kg + 566kg + 368kg) -1.44m x 2.05m x 2.1m (H) x 1nos (IRB460-110/2.4) (925kg)
Load : Medium duty	Robot : ABB IRB 460-110/2.4	Input : Belt conveyor	Palletizing Height : Up to 1.7m	Gripper : Vacuum, 2 zones	
Configuration : 2 in 2 out	Robot Payload : 110kgs	Full Pallet Output : Adjustable pallet guide	Empty Pallet Input : Manually		

Twin Cubical - Auto, Type One



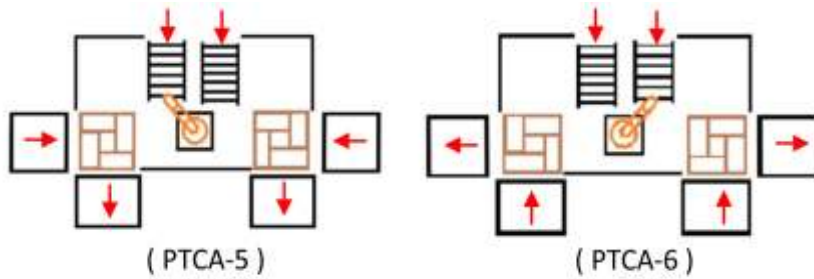
SPECIFICATION

Type : Auto	Throughput : Up to 30cpm, depending on product weight or pattern	Product Payload : Up to 35kgs	Overall Size : PTCA-1 : 7.9m x 3.9m PTCA-2 : 7.3m x 4.2m	Power Requirement : 415VAC, 3Phase, 48A	-1.6m x 1.6m x 0.6m (H) x 2nos (150kg + 150kg) -2m x 1.9m x 2m (H) x 2nos (560kg + 560kg) -1.44m x 2.05m x 2.1m (H) x 1nos (IRB460-110/2.4) (925kg)
Load : Medium duty	Robot : ABB IRB 460-110/2.4	Input : Belt conveyor	Palletizing Height : Up to 1.7m	Gripper : Vacuum, 2 zones	
Configuration : 2 in 2 out	Robot Payload : 110kgs	Full Pallet Output : Pallet conveyor	Empty Pallet Input : Automatic (pallet dispenser)	Shipment : Packaging size & weight -1.7m x 2.7m x 1.4m (H) x 3nos (1318kg + 633kg + 453kg)	

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ROBOTICS WORKCELL PALLETIZING SOLUTIONS



SPECIFICATION

Type : Auto Load : Medium duty Configuration : 2 in on 2 out	Throughput : Up to 30cpm, depending on product weight or pattern Robot : ABB IRB 460-110/2.4 Robot Payload : 110kgs	Product Payload : Up to 35kgs Input : Belt conveyor Full Pallet Output : Pallet conveyor	Overall Size : 7.3m x 3.9m Palletizing Height : Up to 1.7m Empty Pallet Input : Semi automatic (pallet conveyor)	Power Requirement : 415VAC, 3Phase, 45A Gripper : Vacuum , 2 zones	Shipment : Packaging size & weight -1.7m x 2.7m x 1.4m (H) x 3nos (1318kg + 633kg + 453kg) -1.6m x 1.6m x 0.6m (H) x 4nos (150kg x 4nos) -1.44m x 2.05m x 2.1m (H) x 1nos (IRB460-110/2.4) (925kg)
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Optional Accessories

-Additional External Input Conveyor

- OPC-2RL : Motorized roller conveyor - carton (W) 0.55m x (L) 1m
- OPC-3RL : Motorized roller conveyor - carton (W) 0.55m x (L) 2m
- OPC-4RL : Motorized roller conveyor - carton (W) 0.55m x (L) 5m
- OPC-2RH : Motorized roller conveyor - bag (W) 0.76m x (L) 1m
- OPC-3RH : Motorized roller conveyor - bag (W) 0.76m x (L) 2m
- OPC-4RH : Motorized roller conveyor - bag (W) 0.76m x (L) 5m
- OPC-2B : Motorized belt conveyor (W) 0.55m x (L) 1m
- OPC-3B : Motorized belt conveyor (W) 0.55m x (L) 2m
- OPC-4B : Motorized belt conveyor (W) 0.55m x (L) 5m

-Additional External Output Conveyor

- OPC-1Q : Pallet output conveyor
- OPC-2Q : Pallet output conveyor with 90 degree popup transfer

-Upgrade Gripper

- OPG-1A : Upgrade 1 zone vacuum gripper to 1 zone claw gripper
- OPG-2A : Upgrade 1 zone vacuum gripper to 1 zone side clamp gripper
- OPG-2B : Upgrade 2 zones vacuum gripper to 2 zones side clamp gripper
- OPG-2C : Upgrade 1 zone vacuum gripper to 2 zones side clamp gripper
- OPG-3A : Upgrade 1 zone vacuum gripper to 2 zones vacuum gripper

-Others

- OPWC-1 : On-line weight checker (W) 0.7m x (L) 1m
- OPSL-1 : Slip sheet loader
- OPBF-1 : Bag flattener
- On-site programming (dispatch of 1 programmer, minimum 5 days)
 - OPEP-1 : On-site programming (local-Johor Bahru)
 - OPEP-2 : On-site programming (outstation, within Malaysia)
 - OPEP-3 : On-site programming (Indonesia, Vietnam, Philippine, Thailand)
 - OPEP-4 : On-site programming (others)
- On-site setup & installation (dispatch of 1 project manager, 1 senior technician & 2 technicians , minimum 10 days)
 - OPES-1 : On-site setup & installation (local- Johor Bahru)
 - OPES-2 : On-site setup & installation (outstation, within Malaysia)
 - OPES-3 : On-site setup & installation (Indonesia, Vietnam, Philippine, Thailand)
 - OPES-4 : On-site setup & installation (others)



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