



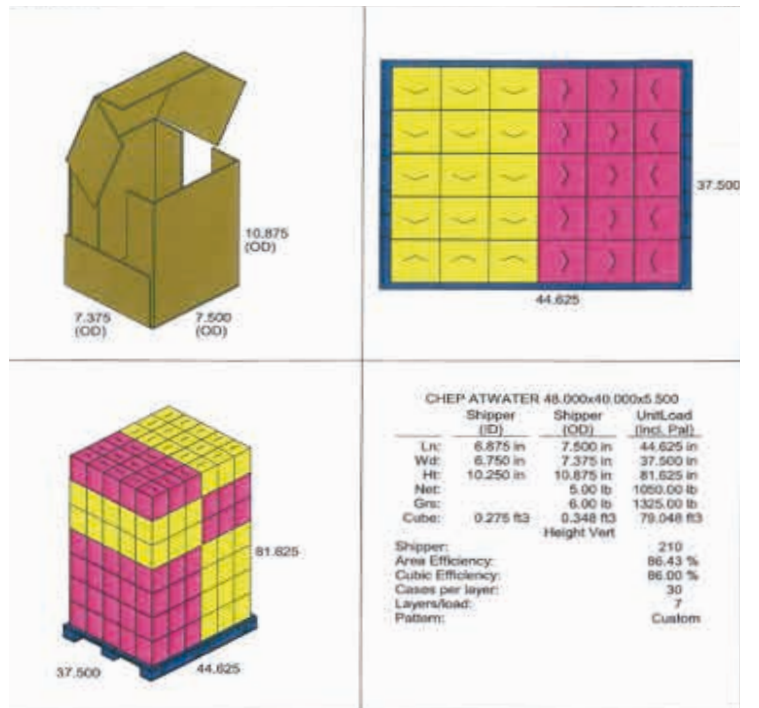
2. Business cases

2.1 Palletizing cartons of fruit products

BC-AI-02-2020-2.0

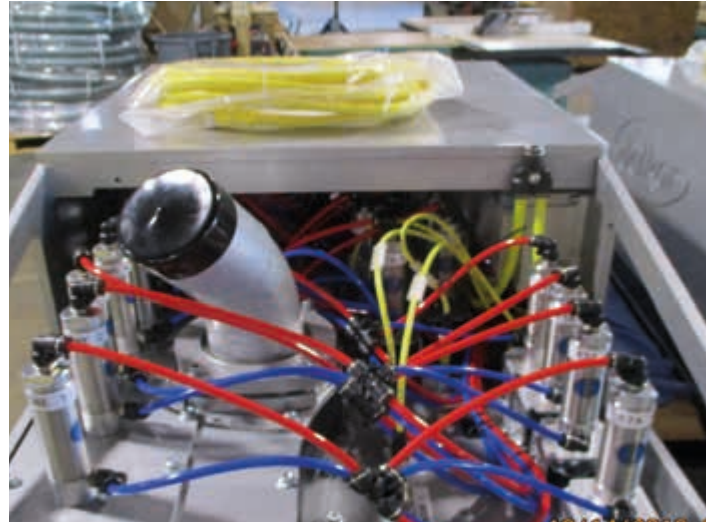
THE CONTEXT	
Date of Delivery*	October 2019
Built Location*	USA
Competitors*	-
Application Location	USA
Application	Row Palletizer
Type of «Manipulateur»	Robot
Brand of Robot*	Fanuc 410ic 185
Products Picked	Cartons of fruit products
Kind of Products	Cases of various bagged fruit products in corrugated box
Palletization Patterns*	See below

OUR SOLUTION	
Gripper / Product Range	Custom gripper
Size of the Gripper	1270x550mm
Weight	120kg
Technology	Valve Gripper
Foam Thickness*	30mm
Valve/Port Sensitivity*	Low sensitive
Vacuum Generator	8.6 kW Blower
Options	18 zones, symetrical about center of gripper 12 product presence sensors Reserve for zoning and fresh air release Rotating flange Ø80mm for rotation in the last wrist of the robot Ethernet based field bus module for all IO and valving



Palletizing

cartons of fruit products



THE BENEFITS

- Main Benefits** Turnkey solution all in one with all the options directly from JOULIN
- Results** Able to handle all cartons with a single tool.
 Able to drop individual cartons for any pallet pattern
 Very good results in terms of product handling

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	RSP.
1	12251.1270.550.30.115.753	FOAM	1	X
2	12251.008.004.001	OMEGA	1	
3	12251.006.005.001	FRAME	1	
4	12251.006.003.001	BOTTOM PLATE	1	
5	11207.006.078.001	VALVE BANK	1	
6	12251.031.001.004	RELIEF CYLINDER ASSY.	18	X
7	12251.006.006.001	TOP PLATE	1	
8	0000.064.000.007	PHP PRODUCT PRESENCE SENSOR	12	X
9	0000.070.007.001	SENSOR BLOCK	12	X
10	12251.046.001.001	RESERVE ASSY.	1	
11	12251.048.001.001	BASE PLATE ASSY.	1	
12	0000.028.034.002	GAUGE BRACKET	1	
13	0000.067.054.001	DIGITAL GAUGE	1	X
14	12263.037.061.001	ADAPTER PLATE	1	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	RSP.
1	0000.035.000.001	6.3 Blower	1	X
2	0000.084.001.001	4.8 * 6.3 BCM w/ Single SMC Cylinder	1	
3	0000.063.050.001	Block Off Plate 58mm Bolt Pattern	1	
4	0000.020.001.001	Ø80MM CONNECTION	1	X
5	0000.057.013.001	Ø260MM Hose	1	X

12251.035.001.001