

RacerPack

Putting flow wraps into boxes

RacerPack is a fully-integrated high capacity collating, picking and packing robotics system for placing flow wrap on trays, cartons or feeding of other machinery.



IRB 360 FlexPicker®

For nearly 15 years and a half, the IRB 360 FlexPicker, a second generation delta robot, has been the solution of choice for precision pick and place applications. Its motion performance is outstanding at high accuracy and payloads, and its cycle times are shorter than that of the competition. FlexPicker also offers integrated control for the most precise coordination between robot and indexing belt.

Key Features

- Picking and packing with high accuracy from indexed conveyors, even when the conveyor belt is accelerated or decelerated.
- Single operator change over in 10 minutes.
- Gentle product handling with vacuum cup grippers designed to pick up almost any kind of product.
- User-friendly HMI with recipe handling for product change-over and production monitoring.
- High availability and capacity up to 450 products/min.
- Scalable, hygienic, modular design.
- Fast and easy integration into existing or new lines.

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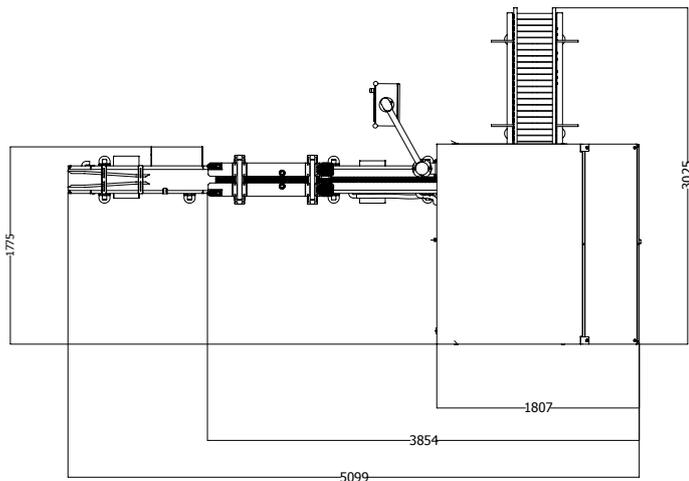
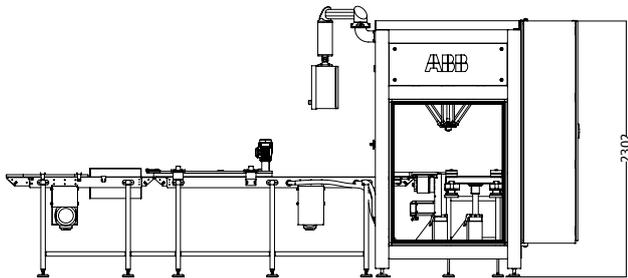
Options

- Stainless steel design
- Additional acceleration infeed conveyor
- Active side guides (two motor driven side belts)
- Infeed vacuum conveyor
- Carton conveyor
- Single or multiple collating grippers

Scope of supply

The application is scalable and can be ordered in the following modules:

- Complete application
- IRB 360 with single cabinet/panel mounted controller
- Motor package for indexing conveyor
- PLC, HMI and software (only when order IRB 360)
- Frame design
- Custom made gripper, conveyor, infeed conveyors and carton conveyor



Technical data

Product range	min (mm)	max (mm)
Length A:	70	200
Width B:	25	120
Height C:	10	60
Carton range		
Length A:	100	400
Width B:	80	300
Height C:	20	150



For more information please contact:

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Note

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