

RobFlex

– High speed pick'n'place

Turnkey unit – ready to integrate

RobFlex is designed for light weight parts that needs to be picked very fast, as part of processes like packaging, sorting or similar. Each subsystem – vision, delta robots, control system and User Interface is put together so that it is a complete ready to run system for very fast picking.

The solid frame in stainless steel makes RobFlex suitable for almost any environment.

Modularity ensures that your capacity demands can be matched

RobFlex is single standard units that can be put together in series so that put together it forms a total system with the needed capacity. This makes it possible to expand capacity just by adding another module.

Each module is a separate unit with its own controller, this means that modules will run even if one module is stopped. So the series of modules gives production security.

Optimized design makes it suit all industries also food production

The gentle handling makes it very suitable for high speed handling of fragile objects often found in the food or medical industry. The very sturdy design also makes it very suitable for use in harsher environments like metal industry or the like. RobFlex can be built with a robot unit that can be washed, so it can be used in direct food packaging.

Op to 200 picks pr. minute pr. unit

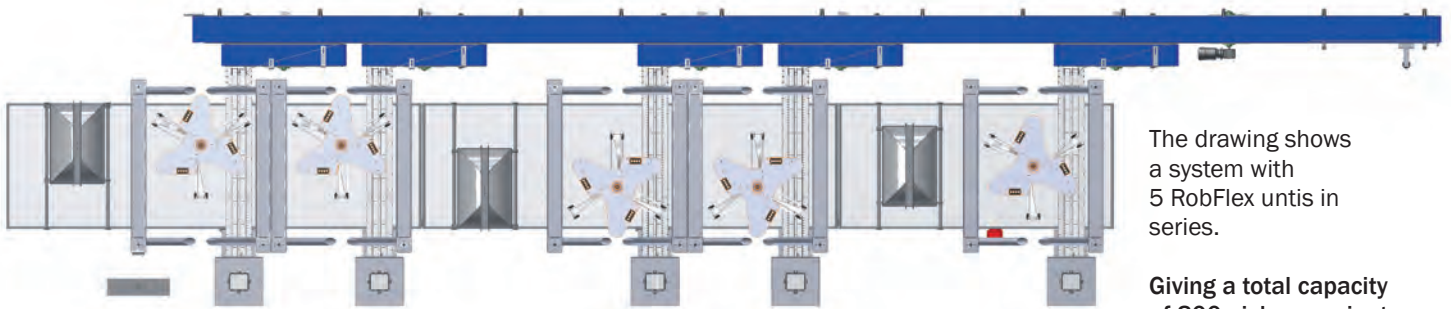
The robot can be 2 axis and up to 5 axis and there are models that handles up to 20 kg. The capacity is up to 200 picks pr. minute with up to 3 kg axis load. Integrated with our vision system and system software a fast and reliable picker system can be made for your needs.

More data on the back.





**By connecting several RobFlex units
we can match the capacity and back-up safety your production needs**



The drawing shows a system with 5 RobFlex units in series.

Giving a total capacity of 800 picks pr. minute

General technical data

RobFlex	Pick'n'place modul, Kjærgaard
RobFlex, dimensions (L x B x H)	1660 x 1350 x 2770 mm
Picking tool	Vakuum
Robot	2 - 5 axis
Capacitet	Up to 200 picks pr. minute
Working range (max.)	Ø1100 mm x 250 mm
Robot total tool load	2 - 20 kg
Position repeatability	± 0,1 - 0,5 mm
Robot-guidance	RobOptic, Kjærgaard
Conveyor system	Designed for your needs
Food grade capability	Yes
Options	Wash down version

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