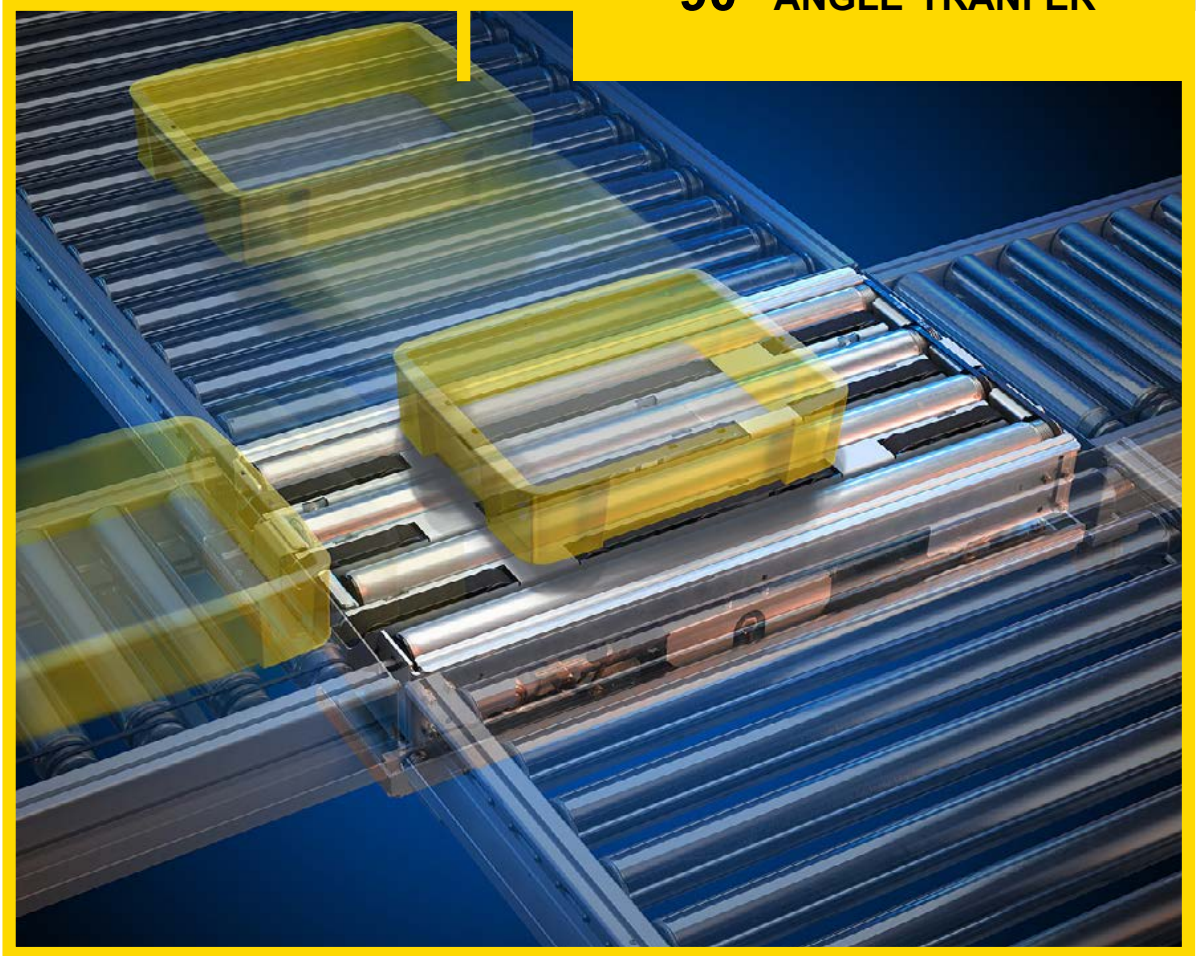
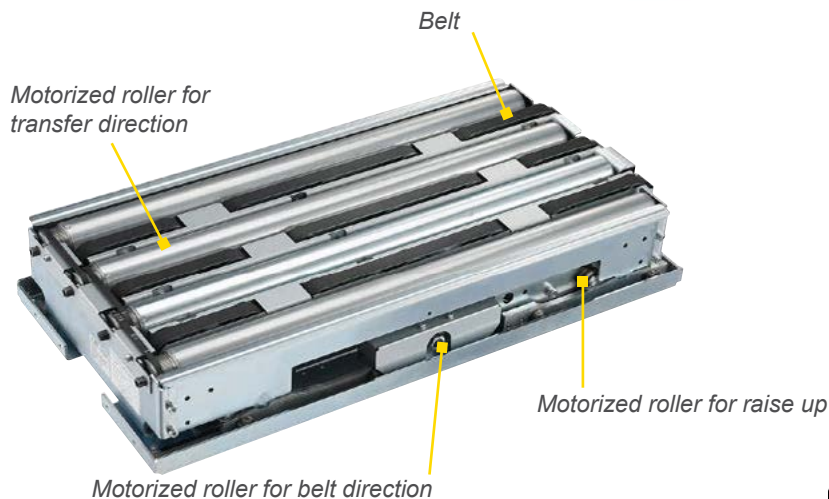


90° ANGLE TRANSFER

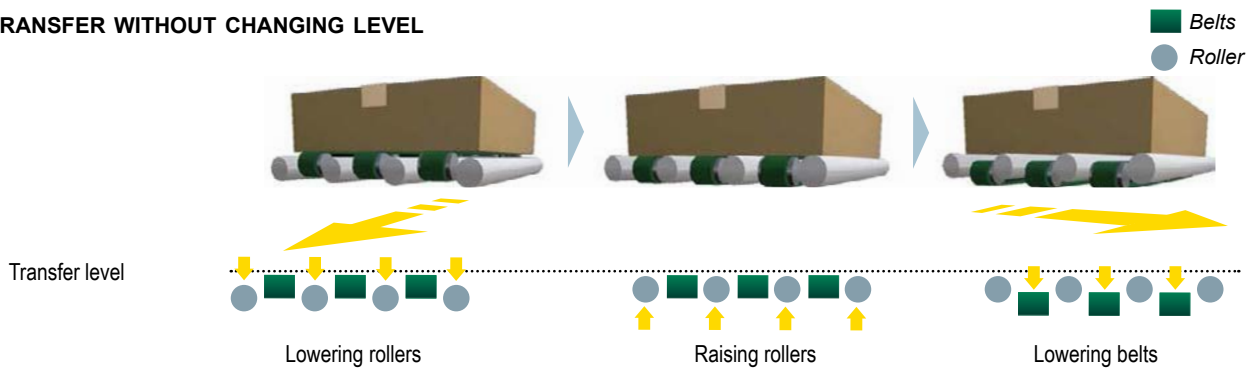


This transfer module, which uses 24 V DC Brushless Motorized Roller technology, is very compact and its «cassette» structure is easy to integrate into both new and reconditioned conveyors. It can be moved on your conveyor lines for order picking, distribution or on assembly lines to adapt to your logistical changes.



ADVANTAGES

TRANSFER WITHOUT CHANGING LEVEL



Transfer without changing level optimizes the transfer time and therefore increase productivity.

MULTIDIRECTIONNAL TRANSFER AND HIGH CAPACITY

The three brushless motorized rollers are compact and powerful. They guarantee great performance without maintenance.

COMPACT AND LIGHT

The F-RAT is a compact system (170mm high) and is one of the lighter module on the market.

QUICK AND EASY TO INSTALL

Thanks to its tight cassette sharp, it is easy to integrate F-RAT in new or existing conveyor system.

MONOENERGETIC AND ECONOMICAL

F-RAT works only with 24VDC. Only one motor is activated at once, it needs only 50W for nominal speed.

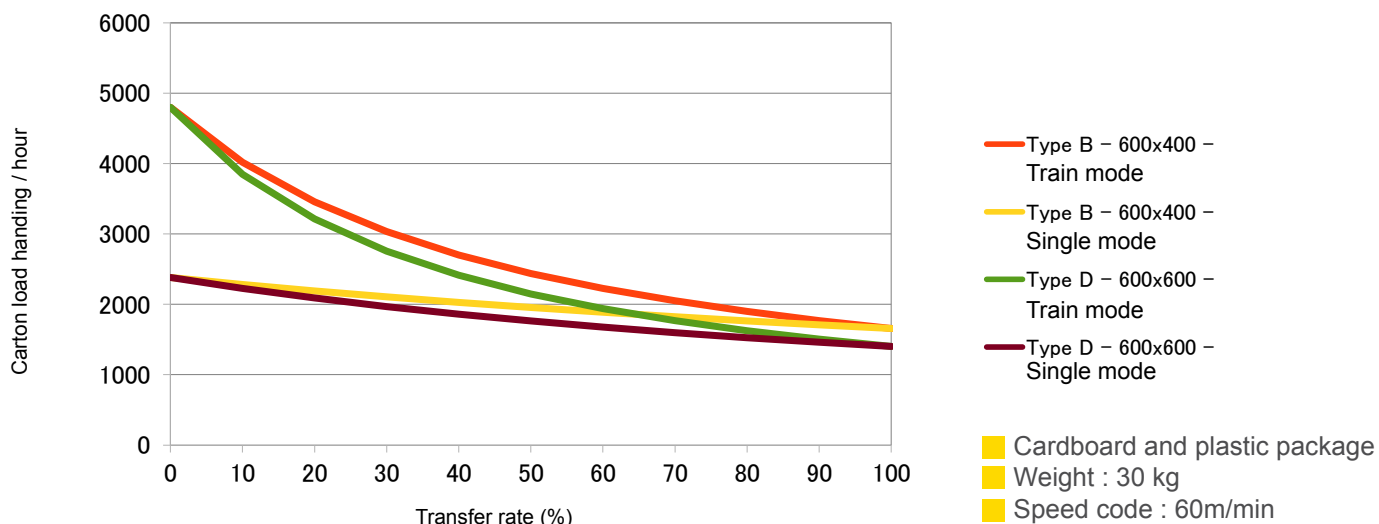
ENVIRONMENT

F-RAT operates without pneumatic or oil, allowing a clean and quieter environment.

MODULAR

The F-RAT offers various application possibilities. It can be easily moved on the conveyor line to fit your logistics development.

TRANSFER CAPACITY



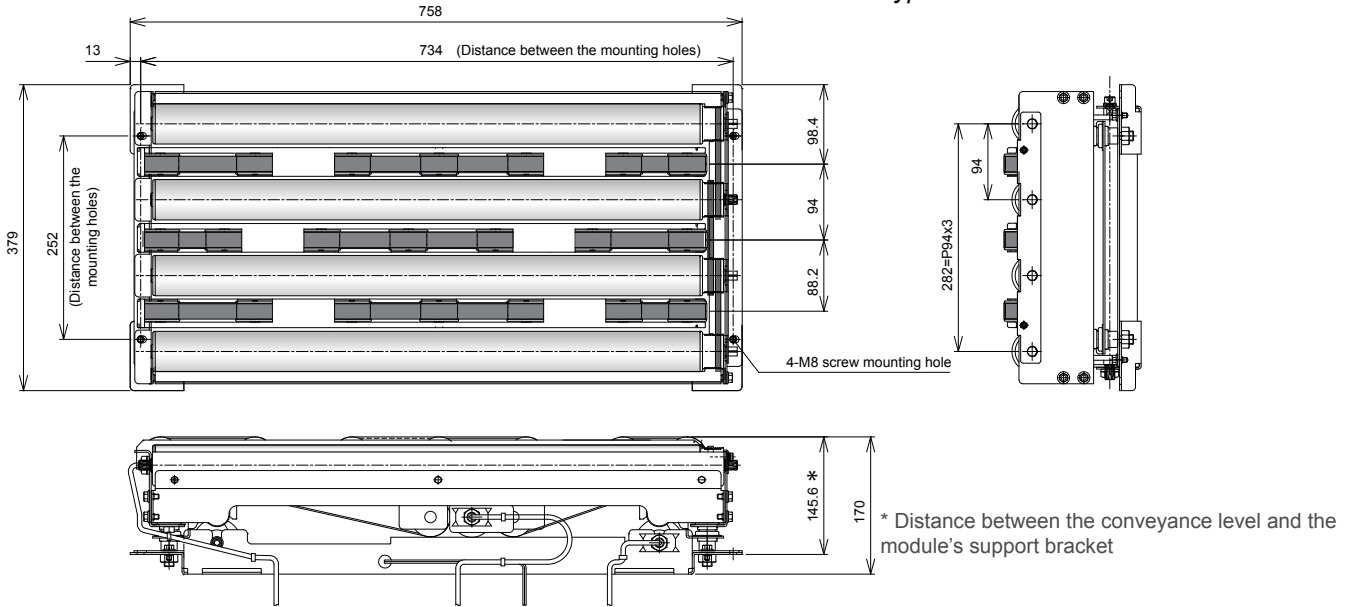
Attention : Performances given for motorized roller controlled by CBM-105 ou IBN05.

The flow of the package depends on the size and material of the package to be transported, as well as speed, transfer mode, transfer rate...

The diagram is given as an indication.

STRUCTURES AND DIMENSIONS

Type A dimensions

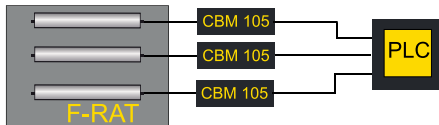


Size	Dimensions l x L x H (mm)	Maximum package dimension l x L (mm)	Maximum weight to be conveyed (kg)	Belts	Transfer rollers	Speed code (m/min)	Weight (kg)	Integrated circuit board
A	379x758x170	300x650	37,5	3	4	60	37	No
B	497x758x170	400x650	50	4	5	60	43	Yes
C	597x758x170	500x650	50	4	6	60	49	Yes
D	697x758x170	600x650	50	4	7	60	55	Yes

CONTROL

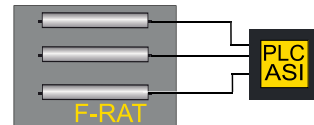
THERE ARE 2 TYPES OF F-RAT CONTROL

The three motorized rollers are controlled by 3 circuit boards CBM-105, managed by a PLC, which is programmed by the client. (Size A, B, C, D)



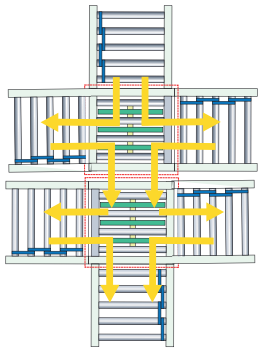
CBM-105

The circuit boards are integrated in the motorized rollers, which are managed directly by the PLC or the ASI module (ex : Bihl Wiedemann) (Size B, C, D)

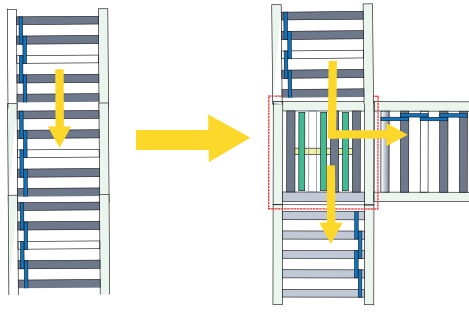


ASI

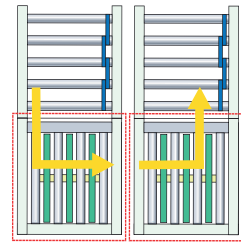
APPLICATIONS



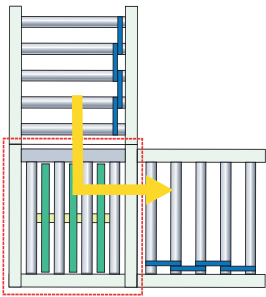
BUFFER MANAGEMENT



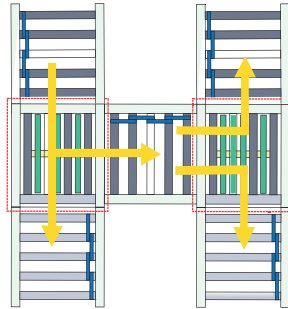
RENOVATION / MODIFICATION



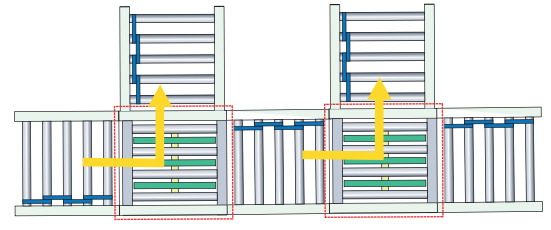
180° TRANSFER



90° TRANSFER



FREE FLOW



SORTING

REFERENCES

ORDERS PREPARATION



TRANSFER



SORTING



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