



## FICHE TECHNIQUE AIRPORT \

# PUSHER

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### ■ DESCRIPTION OF HORIZONTAL DIVIDER (PUSHER)

Dividers located on the HF/waste line are fitted in tandem with the belt onto which they direct baggage and in such a way that their mechanical parts are accessible.

These devices allow luggage to be quickly ejected at 90 degrees.

They consist of:

a chassis resting on the ground (platform) and independent of the structure of the conveyor belt with which they are associated, a drive unit,

a system of connecting rods enabling combined movement (translation and rotation) of the pusher pallet, a metal pusher pallet coated with a damping and low-friction elastomeric material, damping (pneumatic or hydraulic) of the movement during its return to rest position if necessary, a position control set

The pusher chassis is height-adjustable and insulated from the ground by elastic studs.

The method of fixing the pusher feet to the ground will be carried out by means of self-drilling or chemical dowels. The drive unit will meet the same specifications as those specified for the conveyor units.

The damping system will be adjustable.

The surface of the pusher pallet in its rest position will be aligned the same as the edges of the associated conveyor unit. The clearance between the pallets and edges will be kept to a minimum.

The motorisation and motion transformation parts (and whatever can protrude beyond the conveyor's cover) will be covered (crankcase with soundproofing and motorised ventilation).

The characteristics (cycle time and flow rate) will be in line with the flows to be handled.

