



# Tail Lift Automatic Tripping System

2016年6月23日星期四

貨車司機收尾板夾爆頭 同類奪命意外4年第四宗

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# 貨車司機收尾板夾爆頭 同類奪命意外4年第四宗




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圖1之1-奪命意外中，涉事中型貨車曾緊緊夾困司機頭部的左車尾位置遺下斑……（葉真真攝）



【明報專訊】荃灣發生貨車尾板夾頭奪命工業意外。一名司機昨晨蹲在運貨台階上操控貨車尾板合上時，頭部意外遭尾板夾困，重傷昏迷，途人發現報警，由消防趕至救出送院不治。警方

## 跟車工遭尾板夾爆頭

更新時間 (HKT): 2013-03-02 06:20



尾板再殺人  
 機場一月多兩亡魂

【本報訊】一名  
正在關合的月



大埔  
 遭尾板夾傷頭 工人當場昏迷

Tail Lifts have taken lives from driver and operator in the pass 10 years



# System Introduction

HKPC Tail Lift ATS was developed in 2016:

Until 2021, over 745 Trucks have been installed with HKPC Tail Lift ATS

Control Box &  
Two-handed Controller



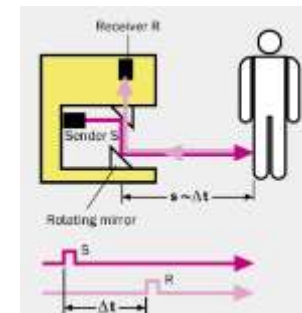
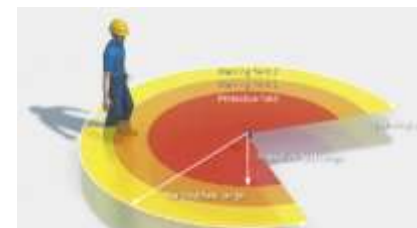
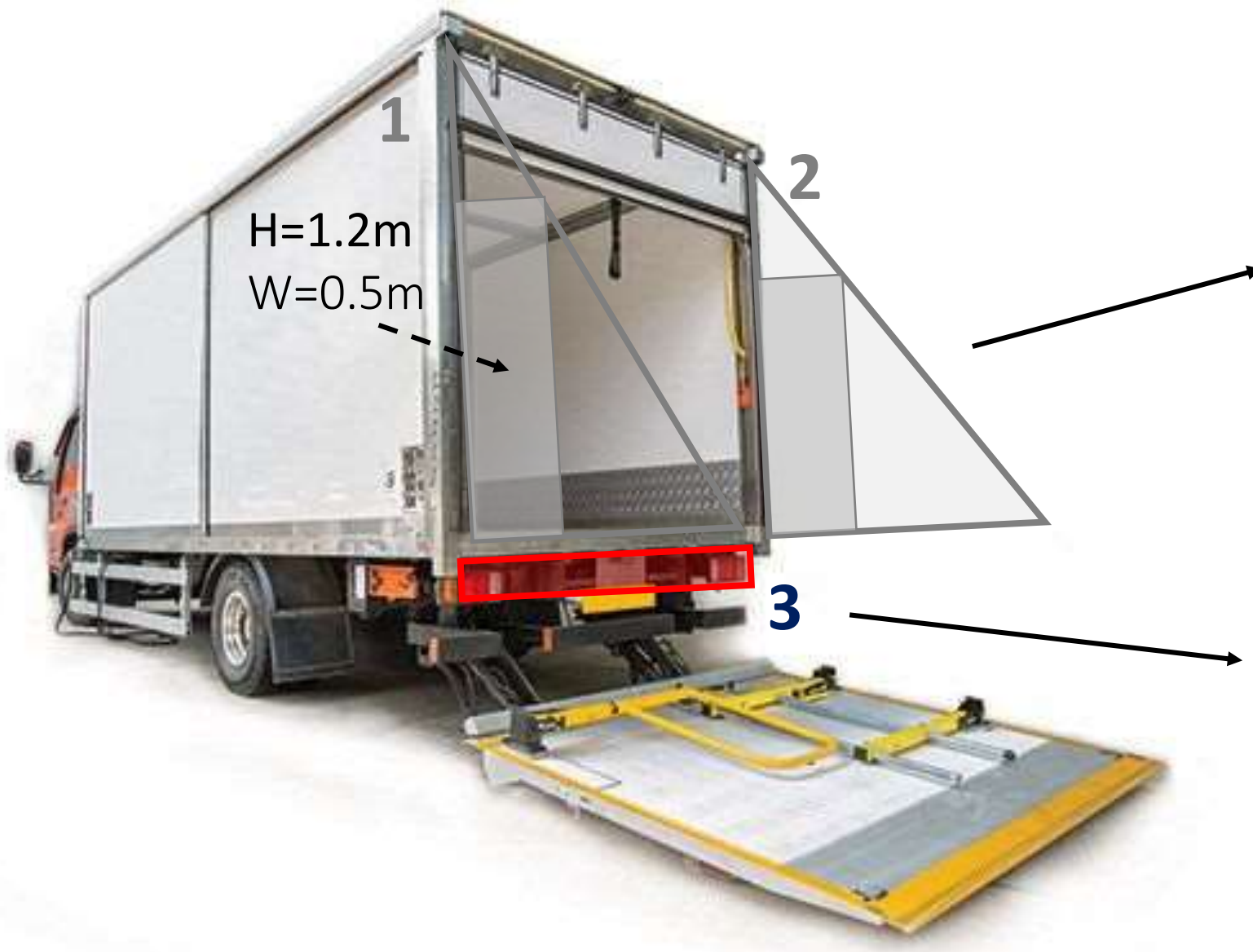
2D LiDAR sensor x2



Photoelectric retro-reflective  
sensor

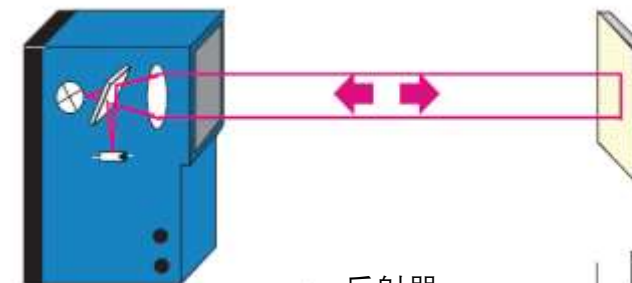


# Sensors Detection Area



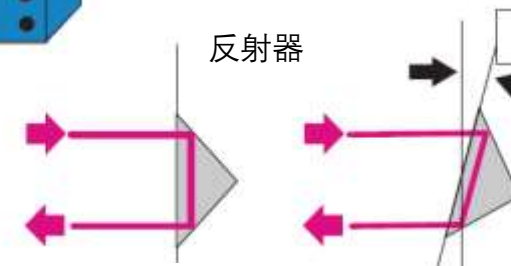
感應器

反射器



反射器

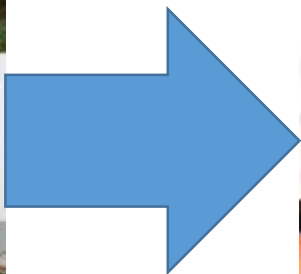
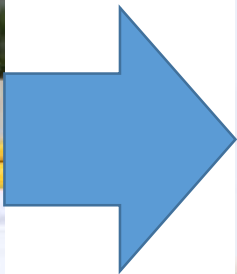
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# System Feature

When the tail lift jaw is closing, the sensors will detect objects entering the dangerous zones, including **the human parts and body**. If any object is detected, the safety system will **stop closing the jaw immediately**. Until the area is clear again and the operator released the buttons.

- ✓ **Active Safety System**, different from the alert devices for passive protection in the market
- ✓ **Safe operation** for tail lift operators and people nearby
- ✓ **Mature control** system can make timely protection under any urgent situation
- ✓ **Decreasing of casualties** caused by tail lift operation

# Angel Safe Lift System for Trucks



# Further Discussion

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Thank you