

Nuctech WeDrop

Self-Service Baggage Check System

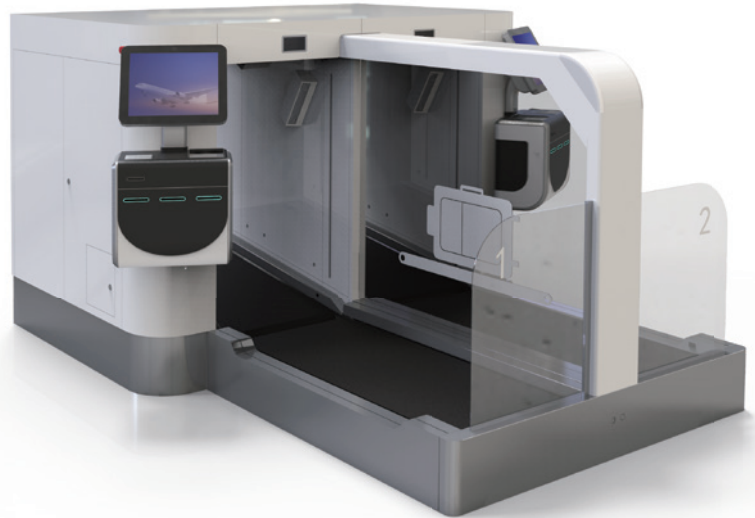


Introduction

NUCTECH WeDrop is a newly developed side-mounted self-service baggage check system. Its touch-screen and multilingual human machine interaction interface make it a very user-friendly system.

WeDrop can automatically detect over-sized/overweight baggage and allow self-pay for overweight baggage, which makes the baggage check process easier and more standardized. It integrates intrusion detection system which ensure the safety of usage.

Its concise appearance and user-friendly operating interface greatly improve the efficiency and service quality of airport baggage check process.



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Technical Features

• Human oriented design

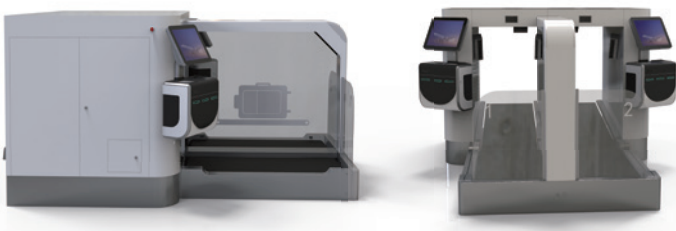
The front conveyor is only 200mm height from the ground. Lower conveyor belt combined with side-mounted design make it easier for passengers to place their luggage. The human machine interaction interface apply touch screen and also support multi-languages to facilitate the operation.

• Multi-function ID identification module

Built-in ID reader and scanner support recognition of ID card, passport, boarding pass and other documents. Built-in printer supports printing respectively luggage tag, baggage claim slip and overweight luggage tag; the printer also supports printing luggage tag with RFID to assist baggage track of BHS.

• Quick read of check luggage bar code

The split bar code reader is designed to quickly and accurately read the passenger's checked baggage code.



• Auto-detect and alert of oversized/overweight baggage

Able to measure and weight luggage as well as detect types of luggage (soft bag, hard suitcase, baggage that do not support self-check, etc.)

• Easy payment for overweight luggage

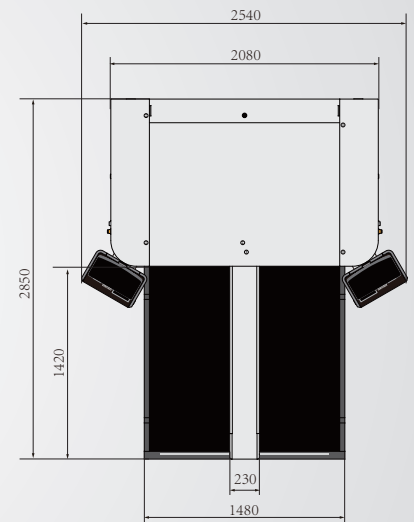
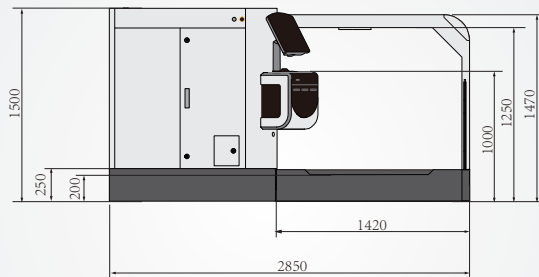
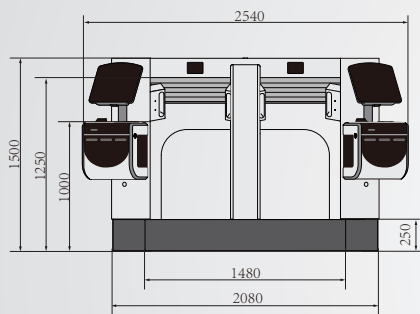
Support self-service payment for oversized luggage through UnionPay, Alipay and other customized payment method can be developed. Able to print payment receipt automatically.

• Effective safety guarantee

When WeDrop is turned off, the built-in metal rolling door can be automatically locked to prevent unrelated personnel from entering. The equipment integrates light screen detection to automatically detect illegal intrusion during the operation of the equipment; if an illegal intrusion is found, the conveyor belt immediately stops and rolls back, accompanied by a sound-light alarm.

Technical Data

Equipment Dimensions (dual channel)	2850 mm (L) × 2540 mm (W) × 1500 mm (H)
Tunnel size	700 mm (width) × 1050 mm (height)
Equipment Weight	1500kg
Conveyor Load	100kg
Belt Speed	0.2-0.45m/s (adjustable)
Power Supply	Single-phase three-wire, AC 220V ± 10%
Power Consumption	2800W
Operating Temperature	0°C~+40°C
Relative Humidity	<90%



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CE NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (ISO9001:2008)
NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (ISO14001:2004)
NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM (GB/T28001-2011)

Operation interface



威视
NUCTECH

NUCTECH COMPANY LIMITED
Address: 2/F Block A, Tongfang Building,
Shuangqinglu, Haidian District,
Beijing 100084, P.R.China

Tel: +8610 62780909
Fax: +8610 62788896
Http: //www.nuctech.com