

SACO AIRPORT EQUIPMENT

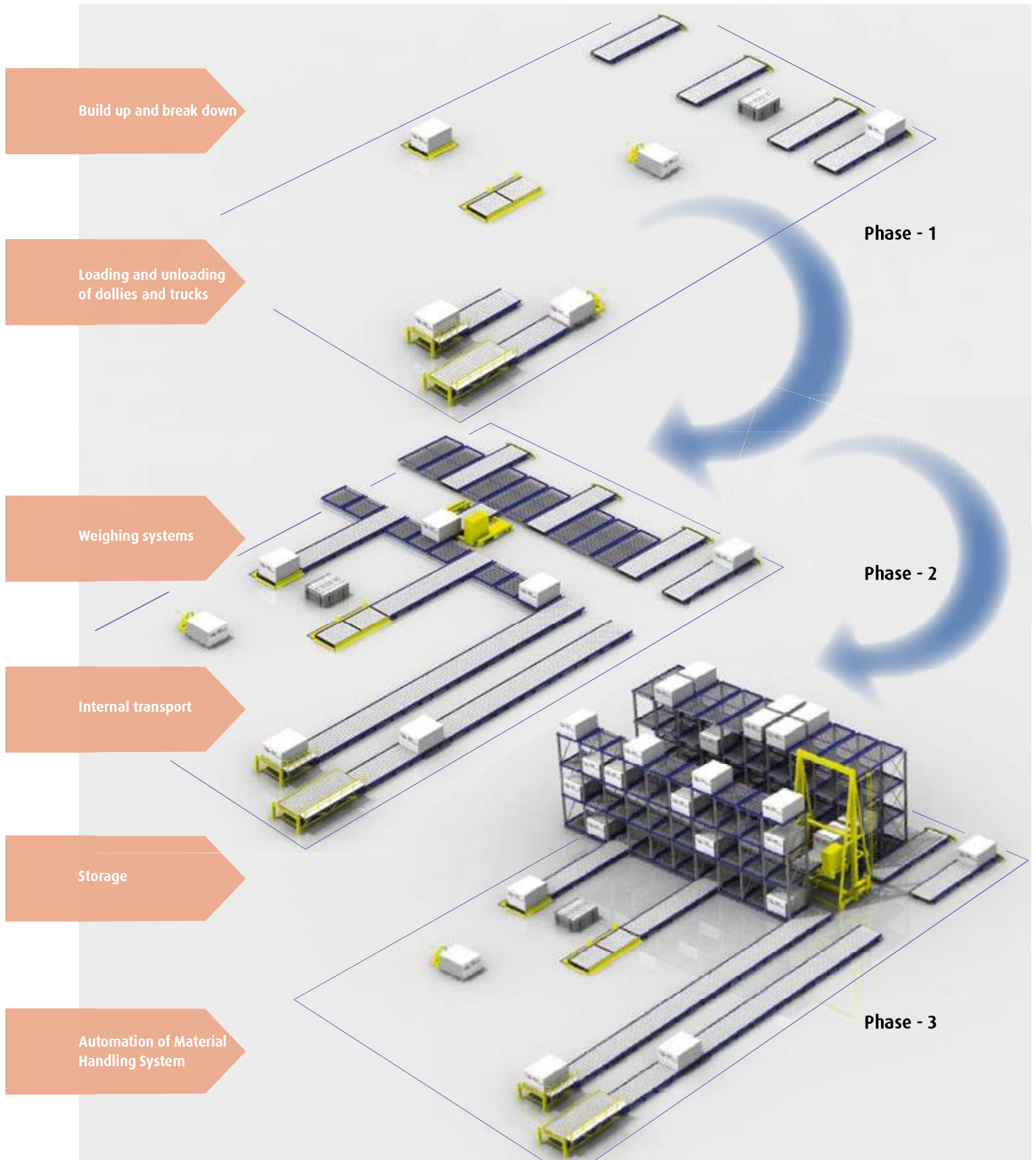
# Product portfolio

## cargo handling systems



SACO, your **turn key supplier** for a wide range of **applications** and **investment plans**.

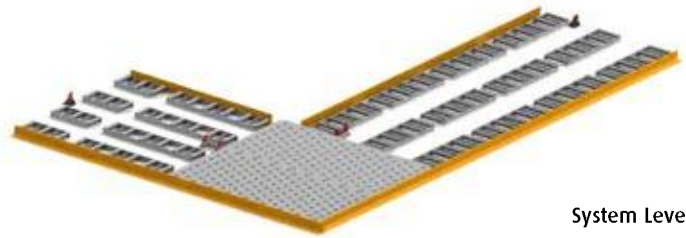
As **cargo volumes grow**, let your system **evolve** through phases with SACO's modular equipment **design**.



## System Level 100

- System height: 100 mm
- Components:
- Roller track - units with 3 or 6 rollers
  - Ball deck
  - Castor deck
  - Pallet stop - single / double
  - Side guides

*Budget cargo handling system, for manual manoeuvring of ULD's.*



System Level 100

## Slave Pallet System

- System height: 250 mm
- Components:
- Pallet Master ride-on,
  - alternatively Pallet Master pedestrian
  - Slave Pallet - 10ft NEP / WEP - Open / closed
  - Slave Pallet Ball deck - 10ft
  - Slave Pallet Castor deck - 10ft

*Flexible cargo handling system, for handling of ULD's.*



Slave Pallet open - 10ft NEP

## Slave Pallet System - Pallet Master

- Turning circle: Radius 3,200 mm
- Lift capacity: 8,000 kg
- Lift stroke: 185 - 550 mm, to enable docking of slave pallets to conveyors at 508 mm.

*Pallet Masters for manoeuvring of ULD's on slave pallets  
Battery powered with 48 VDC system.*



Pallet Master ride-on

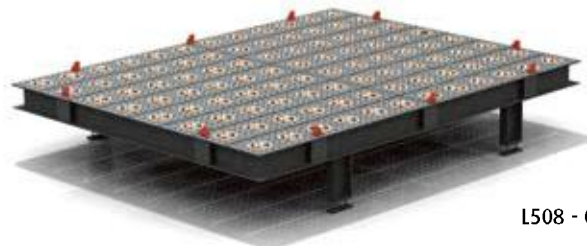


Pallet Master pedestrian

## System Level 508 - Manual

- System height: 508 mm
- Components:
- Roller deck-10ft / 15ft / 20ft NEP / 10ft WEP
  - Ball deck - 10ft
  - Castor deck - 10ft
- Options:
- Pallet stops
  - Weighing System

*Cargo handling system, for manual manoeuvring of ULD's  
at Dolly height.*



L508 - Castor deck 10ft

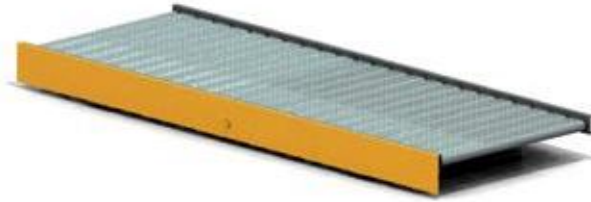


L508 - Roller deck 10ft NEP

# System Level 508 - Powered

- System height: 508 mm
- Components:
- Motor powered roller deck - 10ft / 20ft NEP / 10ft WEP
  - Right Angle deck - 10ft
  - Turn table with Motor powered roller deck or Right angle deck - 10ft
- Options:
- Manual or powered pallet stops
  - Weighing System

*Cargo handling system, for automated handling of ULD's at Dolly height.*



Motor powered roller deck 20ft NEP



L508 Powered - Right Angle deck 10ft



Turn Table - Motor powered roller deck 10ft

# Truck Docks

- Operating height: 508 - 1,608 mm
- Available sizes: 10ft / 15ft / 20ft NEP
- Available decks:
- Motor powered roller deck
  - Roller deck
  - Ball deck
  - Castor deck
  - Drive-over deck
- Options:
- Operator platform
  - Heavy duty rising roller barrier
  - Side shift
  - Weighing system
  - Winch
  - Container rotation section

*Truck docks for loading and unloading ULD's to and from trucks.*



Truck Dock - 20ft NEP

# Dolly Docks

- Operating height: 508 mm
- Available sizes: 10ft / 15ft / 20ft NEP / 10ft WEP
- Available decks:
- Motor powered roller deck
  - Roller deck
  - Ball deck
  - Castor deck
- Options:
- Scissor lift
  - Heavy duty protection barrier
  - Side shift
  - Weighing system

*Dolly docks for loading and unloading ULD's to and from dollies.*



Dolly dock - 10ft NEP

## Build-up Break-down Work Stations *BUBD Work stations for the build-up and break-down of ULD's.*

Operating height:	508 mm above floor level 1,400 mm below floor level
Available sizes:	10ft / 15ft / 20ft / 2 x 10ft NEP / 10ft WEP
Available decks:	<ul style="list-style-type: none"><li>• Motor powered roller deck</li><li>• Roller deck</li><li>• Ball deck</li><li>• Castor deck</li><li>• Flat steel deck</li><li>• Drive-over deck</li></ul>
Options:	<ul style="list-style-type: none"><li>• Weighing system</li></ul>



Build-up Break-down Work station – 20ft NEP

## Transfer Vehicles (TV)

Operating height:	508 mm
Available sizes:	10ft / 15ft / 20ft / 10ft WEP
Options:	<ul style="list-style-type: none"><li>• TVU; Transfer Vehicle prepared to enable upgrading to a 2-level ETV</li><li>• Weighing system</li><li>• Automatic or semi-automatic operation</li></ul>

*Transfer Vehicles for automatically receiving, holding and transferring ULD's along the length of the track and interface with motor powered conveyor equipment and single level storage deck system with friction powered roller decks.*



Transfer Vehicle – 10ft NEP

## Elevating Transfer Vehicles (ETV)

Typical operating Heights:	1 <sup>st</sup> level	508 mm
	2 <sup>nd</sup> level	4,008 mm
	3 <sup>rd</sup> level	7,508 mm
	4 <sup>th</sup> level	11,008 mm
Available sizes:	10ft / 15ft / 20ft / 10ft WEP	
Options:	<ul style="list-style-type: none"><li>• Weighing system</li><li>• Automatic or semi-automatic operation</li></ul>	

*Elevating Transfer Vehicles for automatically receiving, holding and transferring ULD's along the length of the track and interface with motor powered conveyor equipment and multi level storage deck system with friction powered roller decks.*



Elevating Transfer Vehicle - 20ft NEP

## Friction Powered Roller Decks

Operating height:	508 mm
Available sizes:	• 10ft / 15ft / 20ft NEP / 10ft WEP

*Friction powered roller decks for storage of ULD's are installed in single level or multi-level racking structures.*



Friction powered roller deck - 15ft NEP