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## **Recommendation of Stacking Scania Standard Packaging Assortment**



**Scania logistics Sweden**

Södertälje 2021-12-08



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**2(7)**

## Contents

<b>1 Introduction</b> .....	<b>3</b>
1.1 Definitions .....	3
<b>2 Handling of Distribution units (collar, lid and pallet)</b> .....	<b>4</b>
2.1 Storage handling .....	4
2.1.1 General .....	4
2.1.2 Free stacking .....	4
2.2 Handling areas .....	5
2.2.1 General .....	5
2.2.2 Stacking .....	5
2.3 Transport of Distribution unit (collar, lid and pallet) .....	6
<b>3 Handling of Distribution units (build-up pallets)</b> .....	<b>6</b>
3.1 Storage handling .....	6
3.1.1 General .....	6
3.1.2 Free stacking .....	6
3.2 Handling areas .....	7
3.2.1 General .....	7
3.2.2 Stacking .....	7
3.3 Transport of Distribution unit (build-up pallets) .....	7

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Page

**3(7)**

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## 1 Introduction

This document is a recommendation for Standard Scania Packaging material (Going through the open loop, via breakdown and pool). To be used when doing local risk assessments

Local risk assessment should always be the decisive factor when deciding on local rules. This document is however Scania's recommendation on global packaging handling/storage rules.

For detailed information per MH-number including ownership, how it should be packed, please see Scania Supplier Portal->Applications-> Pack-IT.

### 1.1 Definitions

**Free-stacking:** Placement of pallets on a free plane surface without use of racks or other external protection.

**Unprotected stack:** A stack that is placed next to a free surface without any support.

**Protected stack:** Stack that is surrounded by other stacks or placed next to a wall or protective barrier.

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Public

Page

4(7)

## 2 Handling of Distribution units (collar, lid and pallet)

For example:



### 2.1 Storage handling

#### 2.1.1 General

In storage areas Scania recommend **not** allow people to walk, stand or stay. Reason is high stacks due to optimized surface.

#### 2.1.2 Free stacking

Recommended maximum heights:

Type:	MH-number:	Description	Number of units high:	Total weight (kg)
COLLAR	MH-1871	H-COLLAR	5	2220
	MH-1872	E-COLLAR	4	2640
	MH-1873	S-COLLAR	4	2664
	MH-3181	X-COLLAR	5	2190
	MH-7002	L-COLLAR	6	1890
	MH-7011	M-COLLAR	6	2274
	MH-7556	T-COLLAR	6	1860
LID	MH-2318	E-LID	6	1266
	MH-2319	H-LID	4	426
	MH-2370	S-LID	6	2283
	MH-3182	X-LID	4	2543
	MH-7003	L-LID	6	2208
	MH-7012	M-LID	6	3349
	MH-7557	T-LID	6	1771
PALLET	MH-1705	Q-PALLET	4	896
	MH-1874	H-PALLET	4	480
	MH-1875	E-PALLET	4	1056
	MH-1886	S-PALLET	32	1152
	MH-3180	X-PALLET	32	2176
	MH-7001	L-PALLET	32	1440
	MH-7010	M-PALLET	32	1760
	MH-7555	T-PALLET	32	930

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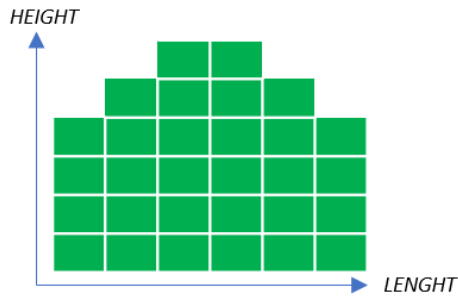
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Page

5(7)

If it is a protected stack the full height can be used, but if it is an unprotected stack it is recommended to use a pyramid stack.



## 2.2 Handling areas

### 2.2.1 General

Short time buffer and small stacking during handling of MH-number is recommended according to the table below.

### 2.2.2 Stacking

Recommended maximum heights:

Type:	MH-number:	Description	Number of units high:
COLLAR	MH-1871	H-COLLAR	2
	MH-1872	E-COLLAR	2
	MH-1873	S-COLLAR	2
	MH-3181	X-COLLAR	1
	MH-7002	L-COLLAR	1
	MH-7011	M-COLLAR	1
	MH-7556	T-COLLAR	1
LID	MH-2318	E-LID	2
	MH-2319	H-LID	2
	MH-2370	S-LID	1
	MH-3182	X-LID	1
	MH-7003	L-LID	1
	MH-7012	M-LID	1
	MH-7557	T-LID	1
PALLET	MH-1705	Q-PALLET	1
	MH-1874	H-PALLET	1
	MH-1875	E-PALLET	1
	MH-1886	S-PALLET	5
	MH-3180	X-PALLET	5
	MH-7001	L-PALLET	5
	MH-7010	M-PALLET	5
	MH-7555	T-PALLET	5

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**Public**

Page

**6(7)**

## 2.3 Transport of Distribution unit (collar, lid and pallet)

All transports with MH-number mention in chapter 2.2.2 is recommended to be only two unit high with the exception of following MH-numbers:

MH-number	Pcs
MH-1886	16
MH-3180	16
MH-7001	16
MH-7010	16
MH-7555	16

## 3 Handling of Distribution units (build-up pallets)

For example:



### 3.1 Storage handling

#### 3.1.1 General

In storage areas Scania recommend to **NOT** allow people to walk, stand or stay due to safety reasons and to enable higher stacking for an optimised usage of the surface.

#### 3.1.2 Free stacking

*Recommended maximum heights:*

Type of stack	Protected stack	Unprotected stack
One collar	16	6
Two collars	10	4
Three collars	8	3
Four collars	6	2
Five collars	5	2

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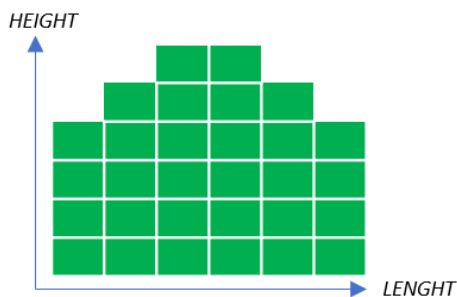
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**7(7)**

If it is a protected stack the full height can be used, but if it is an unprotected stack it is recommended to use a pyramid stack.



## 3.2 Handling areas

### 3.2.1 General

Short-term buffer and small stacking during handling of MH-numbers is recommended according to the table below.

### 3.2.2 Stacking

*Recommended maximum heights:*

Type of stack	At handling area
One collar	3
Two collars	2
Three collars	1
Four collars	1
Five collars	1

## 3.3 Transport of Distribution unit (build-up pallets)

All transports with MH-number is recommended:

Type of stack	Amount on forklift
One collar	6
Two collars	4
Three collars	3
Four collars	2
Five collars	2