# Lean Dolly Type I and II







### **Product description**

The Lean Dolly has been designed to carry SLC's and component trays widely used within the automotive industry. It is designed to be compatible with both your milkrun and automated systems.

For optimised external transport and warehousing the Lean dolly can be used together with the Lean adaptor pallet.

- Improve work flow
- Reduce handling costs
- Enable reduction of stock level
- Reduce need for floor space
- Improve ergonomics
- Fast and safe truck loading
- Optimize vehicle fill



# Lean Dolly Type I and II



### Lean Dolly - 1/4 Pallet

| External dimensions 600 x 400 x 157 mm     |
|--|
| Tare weight 6,3 kg                         |
| Wheel size 100 mm wheels                   |
| Wheel type 2 fixed & 2 swivel (Type I)<br> |
| Wheel materialCPD, rubber or PU            |
| Working capacity:                          |
| - CPD – standard and ESD 250 kg            |
| - Rubber/PU – standard 250 kg              |
| - Polyamide – ESD 250 kg                   |

K.Hartwall wheels are equipped with high quality ball bearings and hub caps for high performance and wheel protection.

Surface treatment: Blue zinc plated acc. to EN-ISO2081

Compatible with the following Lean Adaptor Pallets:

- Next Generation (DOS1696 & DOS1725)
- Type III (DOS1405)

Safe stacking up to 15 pieces ...... 1950 mm



### Options

- Total brake on 1 or 2 swivel wheels
- RFID compatibility

Also available in ISO- and US-dimensions:

- 600 x 500 mm
- 24" x 15" (609 x 381 mm)
- 24" x 22.5" (609 x 571 mm)

#### Standard wheels



Compound wheel







ESD hard plastic wheel and non-marking ESD hard plastic wheel



Polyurethane wheel or polyurethane ESD wheel

### Designed to carry SLC's and trays

- 1 stack of 600 x 400 mm
- 2 stacks of 300 x 400 mm
- 4 stacks of 300 x 200 mm

### Accessories

- Ergonomic handle
- Strapping device
- Oil dripping pan



### Lean Dolly Type III







### **Product description**

The Lean Dolly has been designed to carry SLC's and component trays widely used within the automotive industry. It is designed to be compatible with both your milkrun and automated systems.

For optimised external transport and warehousing the Lean dolly can be used together with the Lean adaptor pallet.

- Improve work flow
- Reduce handling costs
- Enable reduction of stock level
- Reduce need for floor space
- Improve ergonomics
- Fast and safe truck loading
- Optimize vehicle fill



# Lean Dolly Type III



### Lean Dolly - 400x 400 mm

| External dimensions400 x 400 x 169,5 r | nm   |
|--|------|
| Tare weight 6                          | i kg |
| Wheel size 100 mm whe                  | eels |
| Wheel type 2 fixed & 2 sw              | ivel |
| Wheel materialCPD, rubber or           | PU   |
| Working capacity:                      |      |
| - CPD – standard and ESD 250           | ) kg |
| - Rubber/PU – standard 250             | ) kg |

- Polyamide ESD ...... 250 kg
- K.Hartwall wheels are equipped with high quality ball

K.Hartwall wheels are equipped with high quality ball bearings and hub caps for high performance and wheel protection.

Surface treatment: Blue zinc plated acc. to EN-ISO2081

Compatible with the following Lean Adaptor Pallets:

- Next Generation (DOS1696 & DOS1725)
- Type III (DOS1405)

Safe stacking up to 8 pieces ..... 1200 mm



### Options

- Total brake on 1 or 2 swivel wheels
- RFID compatibility

### Standard wheels



# Lean Dolly Type IV

With low frame and side supports





### **Product description**

The Lean Dolly has been designed to carry SLC's and component trays widely used within the automotive industry. It is designed to be compatible with both your milkrun and automated systems.

For optimised external transport and warehousing the Lean dolly can be used together with the Lean adaptor pallet.

- Improve work flow
- Reduce handling costs
- Enable reduction of stock level
- Reduce need for floor space
- Improve ergonomics
- Fast and safe truck loading
- Optimize vehicle fill



# Lean Dolly Type IV



### Lean Dolly - 1/4 Pallet

| External dimensions      | 604 x 404 x 168 mm |
|--------------------------|--------------------|
| Tare weight              | 6,7 kg             |
| Wheel size               | 100 mm wheels      |
| Wheel type               | 2 fixed & 2 swivel |
| Wheel material           | CPD, rubber or PU  |
| Working capacity:        |                    |
| - CPD – standard and ESD | 250 kg             |
| - Rubber/PU – standard   | 250 kg             |

- Polyamide – ESD..... 250 kg

K.Hartwall wheels are equipped with high quality ball bearings and hub caps for high performance and wheel protection.

Surface treatment: Blue zinc plated acc. to EN-ISO2081

Compatible with the following Lean Adaptor Pallets:

- Next Generation (DOS1696 & DOS1725)
- Type III (DOS1405)

Safe stacking up to 15 pieces ...... 1960 mm



### Options

- Total brake on 1 or 2 swivel wheels
- RFID compatibility

Also available in ISO-dimensions:

- 600 x 500 mm

#### **Standard wheels**



- 2 stacks of 300 x 400 mm
- 4 stacks of 300 x 200 mm

#### Accessories

- Ergonomic handle
- Strapping device
- Oil dripping pan

# Lean Dolly Type V

With 4 swivel wheels and side supports







The Lean Dolly has been designed to carry SLC's and component trays widely used within the automotive industry. It is designed to be compatible with both your milkrun and automated systems.

For optimised external transport and warehousing the Lean dolly can be used together with the Lean Adaptor Pallet.

- Improve work flow
- Reduce handling costs
- Enable reduction of stock level
- Reduce need for floor space
- Improve ergonomics
- Fast and safe truck loading
- Optimize vehicle fill



# Lean Dolly Type V



### Lean Dolly - 1/4 Pallet

| External dimensions                           | 604 x 404 x 169,5 mm |
|---|----------------------|
| Tare weight                                   | 7,6 kg               |
| Wheel size                                    | 100 mm wheels        |
| Wheel type                                    | 4 swivel             |
| Wheel material                                | CPD, rubber or PU    |
| Working capacity:<br>- CPD – standard and ESD | 250 kg               |

- Rubber/PU standard and LSD
  250 kg

K.Hartwall wheels are equipped with high quality ball bearings and hub caps for high performance and wheel protection.

Surface treatment: Blue zinc plated acc. to EN-ISO2081

Compatible with the following Lean Adaptor Pallets:

- Next Generation (DOS1696 & DOS1725)
- Type III (DOS1405)

Safe stacking up to 15 pieces ...... 1955 mm



### Options

- Total brake on 1 or 2 swivel wheels
- RFID compatibility

Also available in ISO-dimensions:

- 600 x 500 mm

### Standard wheels



Compound wheel



Rubber wheel



ESD hard plastic wheel and non-marking ESD hard plastic wheel



Polyurethane wheel or polyurethane ESD wheel

### Designed to carry SLC's and trays

- 1 stack of 600 x 400 mm
- 2 stacks of 300 x 400 mm
- 4 stacks of 300 x 200 mm

### Accessories

- Ergonomic handle
- Strapping device
- Oil dripping pan

# Lean Dolly Type VII







### **Product description**

The Lean Dolly has been designed to carry SLC's and component trays widely used within the automotive industry. It is designed to be compatible with both your milkrun and automated systems.

For optimised external transport and warehousing the Lean dolly can be used together with the Lean adaptor pallet.

- Improve work flow
- Reduce handling costs
- Enable reduction of stock level
- Reduce need for floor space
- Improve ergonomics
- Fast and safe truck loading
- Optimize vehicle fill



# Lean Dolly Type VII



### Lean Dolly - 1/4 Pallet with towing arm

| External dimensions                           | .604 x 404 x 170 (382) mm |
|---|---------------------------|
| Tare weight                                   | 7,8 kg                    |
| Wheel size                                    | 100 mm wheels             |
| Wheel type                                    | 2 fixed & 2 swivel        |
| Wheel material                                | CPD, rubber or PU         |
| Working capacity:<br>- CPD – standard and ESD | 9 250 kg                  |

K.Hartwall wheels are equipped with high quality ball bearings and hub caps for high performance and wheel protection.

Surface treatment: Blue zinc plated acc. to EN-ISO2081

Compatible with the following Lean Adaptor Pallets:

- Next Generation (DOS1696 & DOS1725)
- Type III (DOS1405)

Safe stacking up to 15 pieces ..... 1950 mm (With towing arm 2171 mm)



### Options

- Total brake on 1 or 2 swivel wheels
- RFID compatibility

Also available in ISO-dimensions:

- 600 x 500 mm

#### **Standard wheels**











ESD hard plastic wheel and non-marking ESD hard plastic wheel



Polyurethane wheel or polyurethane ESD wheel

### Designed to carry SLC's and trays

- 1 stack of 600 x 400 mm
- 2 stacks of 300 x 400 mm
- 4 stacks of 300 x 200 mm

### Accessories

- Strapping device
- Oil dripping pan

### Types

VIIA with side supports VIIB without side supports

### Lean Dolly 600 x 800 mm







### **Product description**

The Lean Dolly has been designed to carry SLC's and component trays widely used within the automotive industry. It is designed to be compatible with both your milkrun and automated systems.

For optimised external transport and warehousing the Lean dolly can be used together with the Lean adaptor pallet.

### Benefits

- Improve work flow
- Reduce handling costs
- Enable reduction of stock level
- Reduce need for floor space
- Improve ergonomics
- Fast and safe truck loading
- Optimize vehicle fill



SG

## Lean Dolly 600 x 800 mm

### Lean Dolly - 1/2 Pallet

| External dimensions6 | 00 x 806 x 158 (495) mm |
|----------------------|-------------------------|
| Tare weight          | 13,6 kg                 |
| Wheel size           | 100 mm wheels           |
| Wheel type           | 2 fixed & 3 swivel      |
| Wheel material       | CPD, rubber or PU       |
| Working capacity:    |                         |

- CPD standard and ESD ..... 500 kg
- Rubber/PU standard ..... 500 kg
- Polyamide ESD ..... 500 kg

K.Hartwall wheels are equipped with high quality ball bearings and hub caps for high performance and wheel protection.

Surface treatment: Blue zinc plated acc. to EN-ISO2081

Compatible with the following Lean Adaptor Pallets:

- Next Generation (DOS1696 & DOS1725)
- Type III (DOS1405)

Safe stacking up to 15 pieces ..... 1950 mm (With towing arm 2,3 m)



### Options

- Total brake on 1 or 2 swivel wheels
- RFID compatibility

Also available in ISO-dimensions:

- 600 x 1000 mm

#### Standard wheels



Compound wheel



Rubber wheel



ESD hard plastic wheel and non-marking ESD hard plastic wheel



Polyurethane wheel or polyurethane ESD wheel

### Designed to carry SLC's and trays

- 2 stack of 600 x 400 mm
- 4 stacks of 300 x 400 mm

### Accessories

- Strapping device