



# Castor Solutions EA Ltd

*Quality in Mind*

Supplier of quality Wheels and Castors



## Flowers

Handling  
& packaging



## Food

Production  
& processing



## Cargo

Air Cargo  
Handling

for every application the right castor  
from 40 kg upto 7 tons loadrating

**colson**  
Colson Europe B.V.



**colson**  
Colson Europe B.V.



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## COMPANY PROFILE

Castor Solutions East Africa Limited is a regional importer distributor of wheels and castors. Amongst others we supply products of Colson Europe BV. Colson is world's largest manufacturer of wheels and castors in the world. Colson Europe BV from the Netherlands, originates from SKF the Swedish bearing company. They have been technological leader in wheels and castors innovation for over 60 years.

Castor Solutions is an emerging solution provider in material handling to industries in Kenya and East Africa. We serve our customers with valuable products improving their internal logistics.

## Our Mission

Castor Solutions mission is to offer its customers with the best solutions by providing quality castors and wheels.

## Our Market, the Industry

We are gaining growing reputation as the best for providing the right solutions in all areas of applications and this is what our experience is all about.

Castor Solutions imports and distributes an extensive range of castors and wheels. Our company has aligned with Colson Europe BV a global leader in high quality castors and wheels..

Our network is quickly spreading across East Africa. This will helps us reinforce our goal of short lead times and personal attention to the customer as we continue to expand.

Castor Solutions will work tirelessly to be your supplier and partner of choice for any and all of your castor and wheel needs through innovative and superior product, timely technical and sales support and prompt deliveries. We provide nothing less than the highest quality, performance, durable and reliable Colson products.

Castor Solutions is always working for your tomorrow today.



## On Castor Selection

For selection the right castor for your application the following

**Load rating** take the empty trolley weight plus the total load  
Divide that by three and you have the load rating the castors should be able to

**Dimensions** Building height depending on load but also depending on available height.  
Top plate bolt pattern or central hole  
Wheel diameter the larger the more easy it rolls

**Wheel bearing** plain; mostly standing, not used often  
Roller bearing intermittent usage  
Ball bearing frequently used

**Temperature** cold: -30°C or even -40°C low – temp grease  
normal -15°C up to + 70 °C normal grease  
for autoclaves up to ± 115 °C special material & grease  
bakeries : -40°C up to + 300°C special materials & grease

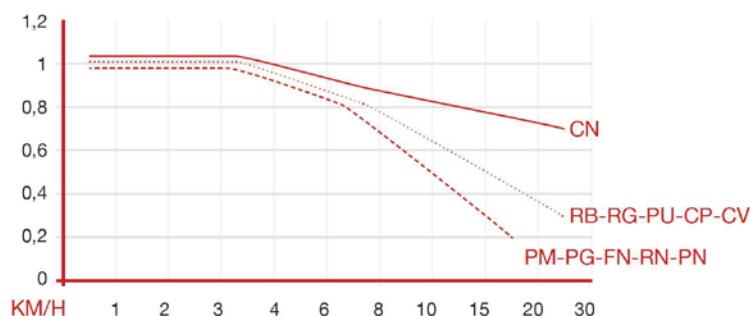
**Environment** Dry inside all ranges  
In/outside dust & drip water sealed  
Rough floors softer wheel materials preferred  
Transported by road-trucks occurs medium or intensive preferred

**Cleaning** Never all ranges  
Every now & then drip water only drip water sealed  
Frequently high pressure jet cleaning Stainless steel preferably sealed

**Usage** Mostly standing all ranges preferably institutional light  
Intermittent light/medium/intensive  
Constant light/medium/intensive

**Speed** All load ratings are based on speeds up to 4 kmh. In case products are used at higher speeds the load rating swiftly goes down! See the graph below for intensive use wheel materials.

**Fv**





## Our ranges

Furniture and Institutional      **Swivel | Rigid | Swivel brake**  
JDPE | FDPE | BDPE

Light Industrial      JP.. | FP.. | BP..

Medium Industrial

Light or medium in Stainless      JX.. | FX.. | BX..

Intensive Use      JS JB | FS | JS ...../B

Stainless Intensive      JX.. | FX.. | JX...../B

Heavy

Medical

Specials      Rope-sheaves  
Floor locks  
Spring castors



## Application specific solutions

Bakery      JSHN



Cargo      Standard, With toe guard and Mobra

Flower      JSTB FSTB





Swivel castor:  
JDPE 0751 1001



#### Technical data

Diameter		75 mm
Thread width		25 mm
Hub length		29 mm
Height		100 mm
Offset		28 mm
Top plate dimensions		60 x 60 mm
Top plate hole diameter		6.3 mm
Dist. between holes		48,38 x 48,38 mm
Load capacity		60 kg
Weight		0.33 kg

#### Technical description

Swivel fork of deep drawn zinc-coated steel  
Swivel bearing with double ball race way  
and sealing



#### Wheel

Polypropylene wheel with a grey rubber tyre  
(85° Shore A) with zincplated threadguards  
and a plain bearing

Fixed:  
FDPE 0751 1001



#### Technical data

Diameter		75 mm
Thread width		25 mm
Hub length		30 mm
Height		100 mm
Top plate dimensions		76 x 76 mm
Top plate hole diameter		8.5 mm
Dist. between holes		60,50 x 60,50 mm
Load capacity		90 kg
Weight		0.22 kg

#### Technical description

Rigid fork of zinc-coated sheet steel



#### Wheel

Polypropylene wheel with a grey rubber tyre  
(85° Shore A) with zincplated threadguards  
and a plain bearing

Swivel castor:  
JDPE 1001 1001



#### Technical data

Diameter		100 mm
Thread width		27 mm
Hub length		30 mm
Height		134 mm
Offset		35 mm
Top plate dimensions		76 x 76 mm
Top plate hole diameter		8.5 mm
Dist. between holes		60,50 x 60,50 mm
Load capacity		90 kg
Weight		0.52 kg

#### Technical description

Swivel fork of deep drawn zinc-coated steel  
Swivel bearing with double ball race way  
and sealing



#### Wheel

Polypropylene wheel with a grey rubber tyre  
(85° Shore A) with zincplated threadguards  
and a plain bearing

Fixed:  
FDPE 1001 1001



#### Technical data

Diameter		100 mm
Thread width		27 mm
Hub length		30 mm
Height		134 mm
Top plate dimensions		76 x 76 mm
Top plate hole diameter		8.5 mm
Dist. between holes		60,50 x 60,50 mm
Load capacity		90 kg
Weight		0.42 kg

#### Technical description

Rigid fork of zinc-coated sheet steel



#### Wheel

Polypropylene wheel with a grey rubber tyre  
(85° Shore A) with zincplated threadguards  
and a plain bearing





## Swivel castor:

JPPU 1001 5100



### Technical data

Diameter		100 mm
Thread width		30 mm
Hub length		42 mm
Height		128 mm
Offset		34 mm
Wheel axle diameter		8 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9.6 mm
Dist. between holes		80 x 60 mm
Load capacity		150 kg
Weight		1 kg

### Technical description

Swivel fork of deep drawn zinc-coated steel  
Swivel bearing with double ball race way  
and sealing



### Wheel

Polyamide wheel with polyurethane tyre  
(96° Shore A) with one sealed deep groove ball  
bearing

## Fixed:

FPPU 1001 5000



### Technical data

Diameter		100 mm
Thread width		30 mm
Hub length		42 mm
Height		128 mm
Offset		38 mm
Wheel axle diameter		8 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9.6 mm
Dist. between holes		80 x 60 mm
Load capacity		150 kg
Weight		0.7 kg

### Technical description

Rigid fork of zinc-coated sheet steel



### Wheel

Double polypropylene wheel with grey  
polyurethane tyre  
(70° Shore D) with a plain bearing

## Swivel castor:

JSTB 1253 6443



### Technical data

Diameter		125 mm
Thread width		54 mm
Hub length		64 mm
Height		160 mm
Offset		50 mm
Wheel axle diameter		20 mm
Top plate dimensions		135 x 112 mm
Top plate hole diameter		11 mm
Dist. between holes		105 x 75,80 mm
Load capacity		240 kg
Weight		2.5 kg

### Technical description

Swivel fork of deep drawn zinc-coated steel  
with wheel brake. Swivelhead with sealed precision  
ball bearings and a grease nipple



### Wheel

Glass fibre reinforced polyamide hub, with fully  
elastic black rubber tyre  
(65° Shore A) with two deep groove ball bearings

## Fixed:

FSTB 1253 6443



### Technical data

Diameter		125 mm
Thread width		54 mm
Hub length		64 mm
Height		160 mm
Offset		50 mm
Wheel axle diameter		20 mm
Top plate dimensions		135 x 112 mm
Top plate hole diameter		11 mm
Dist. between holes		105 x 75,80 mm
Load capacity		240 kg
Weight		1.8 kg

### Technical description

Rigid fork of zinc-coated sheet steel



### Wheel

Glass fibre reinforced polyamide hub, with fully  
elastic black rubber tyre  
(65° Shore A) with two deep groove ball bearings



## Swivel castor:

JSHN 1002 6152



### Technical data

Diameter		100 mm
Thread width		40 mm
Hub length		45 mm
Height		130 mm
Offset		40 mm
Wheel axle diameter		15 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9 mm
Dist. between holes		80 x 60 mm
Load capacity		240 kg
Weight		0.94 kg

### Technical description

Swivel fork of deep drawn zinc-coated steel with wheel brake. Swivelhead with sealed precision

ball bearings and a grease nipple



## Swivel castor:

JXHN 1002 6152



### Technical data

Diameter		100 mm
Thread width		40 mm
Hub length		45 mm
Height		130 mm
Offset		40 mm
Wheel axle diameter		15 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9 mm
Dist. between holes		80 x 60 mm
Load capacity		240 kg
Weight		1.2 kg

### Technical description

Swivel fork of deep drawn stainless steel with wheel brake.

Swivelhead with sealed precision ball bearings, grease nipple

and O-ring seal. In case of extreme conditions

(like frequent jet cleaning) maintenance by relubrication is necessary



## Swivel castor:

JSPN 1603 6443



### Technical data

Diameter		160 mm
Thread width		50 mm
Hub length		64 mm
Height		195 mm
Offset		55 mm
Wheel axle diameter		20 mm
Top plate dimensions		135 x 112 mm
Top plate hole diameter		11 mm
Dist. between holes		105 x 75,80 mm
Load capacity		625 kg
Weight		2.5 kg

### Technical description

Swivel fork of deep drawn zinc-coated steel with wheel brake. Swivelhead with sealed precision

ball bearings and a grease nipple



### Wheel

Polyamide wheel with two deep groove ball bearings

## Fixed:

FSPN 1603 6443



### Technical data

Diameter		160 mm
Thread width		50 mm
Hub length		64 mm
Height		195 mm
Offset		55 mm
Wheel axle diameter		20 mm
Top plate dimensions		135 x 112 mm
Top plate hole diameter		11 mm
Dist. between holes		105 x 75,80 mm
Load capacity		625 kg
Weight		1.9 kg

### Technical description

Rigid fork of zinc-coated sheet steel



### Wheel

Polyamide wheel with two deep groove ball bearings





## Swivel castor:

### JXPN 1252 7000



#### Technical data

Diameter		125 mm
Thread width		35 mm
Hub length		45 mm
Height		160 mm
Offset		45 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9 mm
Dist. between holes		80 x 60 mm
Load capacity		250 kg
Weight		1.1 kg

#### Technical description

Swivel fork of deep drawn stainless steel with wheel brake.

Swivelhead with sealed precision ball bearings, grease nipple

and O-ring seal. In case of extreme conditions

(like frequent jet cleaning) maintenance by relubrication

is necessary



#### Wheel

Polyamide pallet roller with double ball bearing

## Fixed:

### FXPN 1252 7000



#### Technical data

Diameter		125 mm
Thread width		35 mm
Hub length		45 mm
Height		160 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9 mm
Dist. between holes		80 x 60 mm
Load capacity		250 kg
Weight		0.8 kg

#### Technical description

Rigid fork of stainless steel



#### Wheel

Polyamide pallet roller with double ball bearing

## Swivel castor:

### JXPU 1001 7100



#### Technical data

Diameter		100 mm
Thread width		35 mm
Hub length		45 mm
Height		128 mm
Offset		38 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9.6 mm
Dist. between holes		80 x 60 mm
Load capacity		150 kg
Weight		1 kg

#### Technical description

Swivel fork of deep drawn stainless steel with wheel brake.

Swivelhead with sealed precision ball bearings, grease nipple

and O-ring seal. In case of extreme conditions

(like frequent jet cleaning) maintenance by relubrication

is necessary



#### Wheel

Polyamide wheel with polyurethane tyre  
(96° Shore A) with one sealed stainless steel deep groove ball bearing

## Fixed:

### FXPU 1001 7000



#### Technical data

Diameter		100 mm
Thread width		35 mm
Hub length		45 mm
Height		128 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9.6 mm
Dist. between holes		80 x 60 mm
Load capacity		150 kg
Weight		0.7 kg

#### Technical description

Rigid fork of stainless steel



#### Wheel

Double polypropylene wheel with grey polyurethane tyre  
(70° Shore D) with a plain bearing



## Swivel castor:

JPPU 1251 5100



### Technical data

Diameter		125 mm
Thread width		30 mm
Hub length		48 mm
Height		156 mm
Offset		41 mm
Wheel axle diameter		10 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9.6 mm
Dist. between holes		80 x 60 mm
Load capacity		200 kg
Weight		1.1 kg

### Technical description

Swivel fork of deep drawn zinc-coated steel  
Swivel bearing with double ball race way  
and sealing



### Wheel

Polyamide wheel with polyurethane tyre  
(96° Shore A) with one sealed deep groove ball  
bearing

## Fixed:

FPPU 1251 5000



### Technical data

Diameter		125 mm
Thread width		30 mm
Hub length		48 mm
Height		156 mm
Offset		41 mm
Wheel axle diameter		10 mm
Top plate dimensions		105 x 85 mm
Top plate hole diameter		9.6 mm
Dist. between holes		80 x 60 mm
Load capacity		200 kg
Weight		0.8 kg

### Technical description

Rigid fork of zinc-coated sheet steel



### Wheel

Double polypropylene wheel with grey  
polyurethane tyre  
(70° Shore D) with a plain bearing

## Swivel castor:

JTPU 1252 5100



### Technical data

Diameter		125 mm
Thread width		35 mm
Hub length		48 mm
Height		155 mm
Offset		42.5 mm
Wheel axle diameter		10 mm
Top plate dimensions		105 x 88 mm
Top plate hole diameter		8.5 mm
Dist. between holes		80 x 60 mm
Load capacity		250 kg
Weight		1 kg

### Technical description

Swivel fork of deep drawn zinc-coated steel  
Swivelhead with sealed precision ball bearings  
with an extra sturdy plate (4 mm) and fork legs (3.5  
mm)  
for even higher load capacity



### Wheel

Polyamide wheel with polyurethane tyre  
(96° Shore A) with one sealed deep groove ball  
bearing

## Fixed:

FTPU 1252 5000



### Technical data

Diameter		125 mm
Thread width		35 mm
Hub length		48 mm
Height		155 mm
Offset		42.5 mm
Wheel axle diameter		10 mm
Top plate dimensions		105 x 88 mm
Top plate hole diameter		8.5 mm
Dist. between holes		80 x 60 mm
Load capacity		250 kg
Weight		0.8 kg

### Technical description

Rigid fork of zinc-coated sheet steel with an  
extra sturdy plate (4 mm) and fork legs (3.5 mm)  
for even higher load capacity



### Wheel

Double polypropylene wheel with grey  
polyurethane tyre  
(70° Shore D) with a plain bearing



## WHPU 1252 6123



### Technical data

Diameter		125 mm
Thread width		35 mm
Hub length		45 mm
Wheel axle diameter		12 mm
Load capacity		225 kg
Weight		0.4 kg



### Wheel

Polyamide wheel with polyurethane tyre  
(96° Shore A) with two deep groove ball bearings

## HAX 120845



### Technical data

Diameter		12 mm
Wheel axle diameter		8 mm
Weight		0.1 kg

### Technical description

Hollow shaft out of stainless steel



## WHRB 2503 6553



### Technical data

Diameter		250 mm
Thread width		50 mm
Hub length		64 mm
Wheel axle diameter		25 mm
Load capacity		475 kg
Weight		1.8 kg



### Wheel

Glass fibre reinforced polyamide wheel with black rubber tyre  
(65° Shore A) with two deep groove ball bearings

## HAX 251264



### Technical data

Diameter		25 mm
Wheel axle diameter		12 mm
Weight		0.17 kg

### Technical description

Hollow shaft out of stainless steel





# Castor Solutions EA Ltd

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Long Lifetime Expectancy  
Material Handling Systems  
Efficient Logistics  
Air Cargo Handling Systems  
We offer castors for  
Durable  
Colson Europe  
Quality in Mind  
Order pick carts  
Bakery carts  
One time installation  
Internal Logistics  
European Quality  
Value for Money  
Laundry Operations  
Stainless Steel  
Food production  
Inflight Catering  
Retail trolleys  
Smooth Running  
Hand Pallet trucks  
East African Region  
Castor Solution EA Ltd