## Overall Reference Vehicle Dimensions:

**Width:** 3.5m

**Length:** 19m – rigid vehicles, 25m – articulated

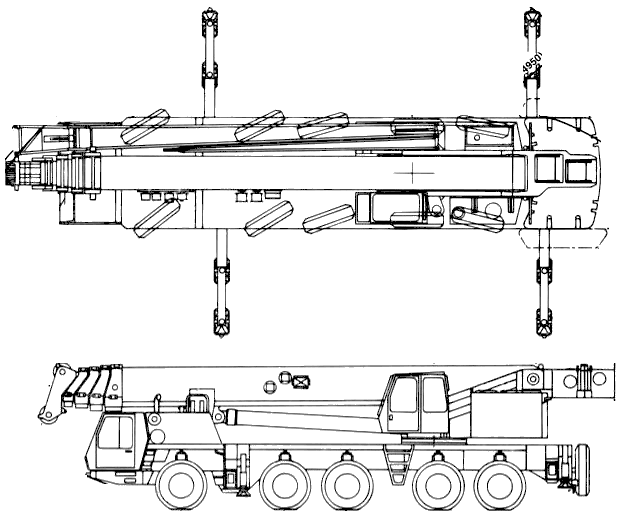
**Height:** 4.6m

## Special Purpose Vehicle (SPV) Reference Vehicles:

SPV 5 – 5 Axle All Terrain Crane

**Details:**

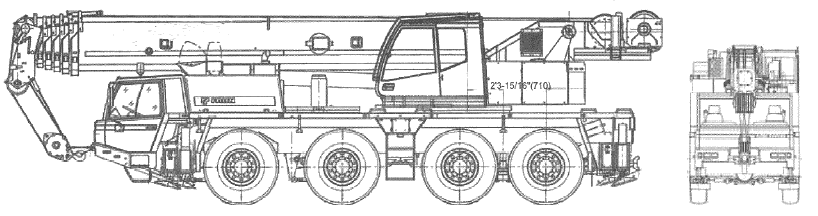
* 12t per axle
* 60t maximum total mass
* 7.65m minimum wheelbase
* 1.65m minimum between axles
* 2.75m minimum ground contact width



SPV 4 – 4 Axle All Terrain Crane

**Details:**

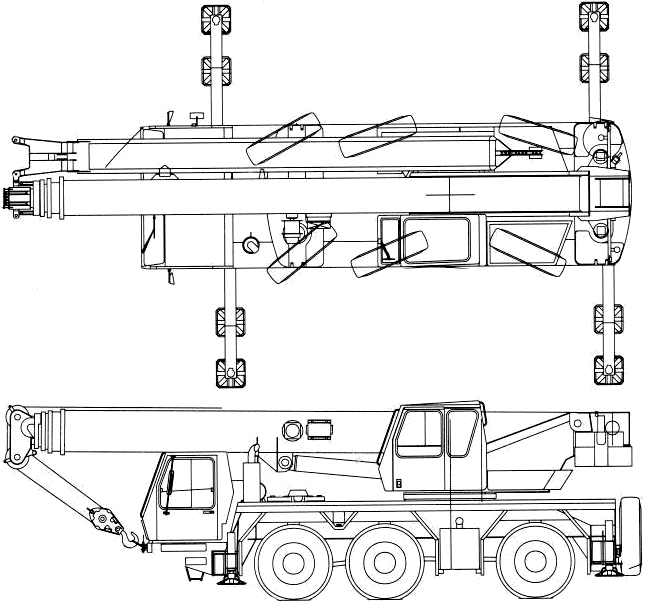
* 12t per axle
* 48t maximum total mass
* 5m minimum wheelbase
* 2m minimum between 2nd and 3rd axles
* 1.5m minimum between other axles
* 2.75m minimum ground contact width



SPV 3 – 3 Axle All Terrain Crane

**Details:**

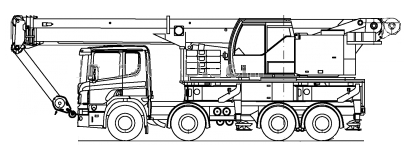
* 12t per axle
* 36t maximum total mass
* 4m minimum wheelbase
* 1.5m minimum between axles
* 2.6m minimum ground contact width



SPV 2 – 4 axle 40t Crane

**Details:**

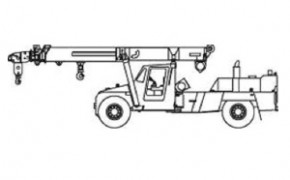
* 16t maximum twin steer mass
* 28t maximum drive axle group mass
* 40t maximum total mass
* NTC OSOM Regulations bridge formula compliant



SPV 1 – Pick & Carry Crane

**Details:**

* 12t per axle
* 5.5m forward projection from steering wheel
* 24t maximum total mass
* NTC OSOM Regulations bridge formula compliant



## Reference Vehicle Dimensions (Load Carrying 1):

**Width:** 3.5m

**Length:** 26m

**Height:** 5.0m

## Load Carrying Reference Vehicles:

Load Carrying 1 – Spread Quad Axle Low Loader (4 tyres per axle)

**Details:**

* 6m minimum between 3rd and 4th axles
* 1.2m, 2.4m, 1.2m trailer axle spacing
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 35t maximum quad axle group mass
* 59.5t maximum total mass



The following vehicle combinations are also covered by Load Carrying 1 approval

1. Closed Quad Axle Low Loader

**Details:**

* 1.2m or 1.6m axle spacing
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 30t maximum quad axle group mass
* 54.5t maximum total mass



1. Tri-Axle Low Loader

**Details:**

* 1.2m axle spacing
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 25t maximum tri-axle group mass
* 49.5t maximum total mass



**Details:**

* 3.2m minimum between 4th and 6th axles
* Oversize tri-axle spacing
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 27t maximum tri-axle group mass
* 51.5t maximum total mass

1. Oversize Tri-Axle Low Loader



1. Tandem Axle Low Loader

**Details:**

* 1.2m axle spacing
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 18.5t maximum tandem axle group mass
* 43t maximum total mass



1. Single Axle Low Loader

**Details:**

* Single axle
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t maximum single axle group mass
* 33.5t maximum total mass



## Reference Vehicle Dimensions (Load Carrying 2):

**Width:** 5.5m

**Length:** 26m

**Height:** 5.0m

## Load Carrying Reference Vehicles:

Load Carrying 2 – Spread Quad Axle Low Loader (8 tyres per axle)

**Details:**

* 6m minimum between 3rd and 4th axles
* 1.2m, 2.4m, 1.2m trailer axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 35t–57.5t quad axle group mass
* 59.5t-82t total mass



The following vehicle combinations are also covered by Load Carrying 2 approval

1. Closed Quad Axle Low Loader

**Details:**

* 1.2m or 1.6m axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 30t-52.5t quad axle group mass
* 54.5t-77t total mass



1. Tri-Axle Low Loader

**Details:**

* 1.2m minimum axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 25t-40t maximum tri-axle group mass
* 49.5t-64.5t total mass



**Details:**

* 1.8m minimum axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 27t-48t maximum tri-axle group mass
* 51.5t-71.5t total mass

1. Oversize Tri-Axle Low Loader



1. Tandem Axle Low Loader

**Details:**

* 1.2m minimum axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 18.5t-31t tandem axle group mass
* 43t-53t maximum total mass



1. Single Axle Low Loader

**Details:**

* Single axle
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t-18t single axle group mass
* 33.5t-42.5 total mass



## Reference Vehicle Dimensions (Load Carrying 3):

**Width:** 5.5m

**Length:** 35m

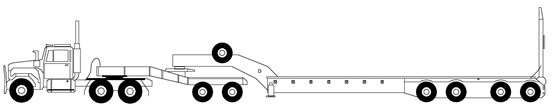
**Height:** 5.0m

## Load Carrying Reference Vehicles:

Load Carrying 3 – Dolly (1 or 2 axles) and Spread Quad Axle Low Loader (8 tyres per axle)

**Details:**

* 1.2m, 2.4m, 1.2m trailer axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t-31t dolly group mass
* 35t–57.5t quad axle group mass
* 68.5t-113t total mass

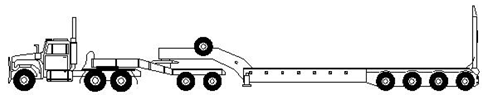


The following vehicle combinations are also covered by Load Carrying 3 approval

1. Dolly and Closed Quad Axle Low Loader

**Details:**

* 1.2m or 1.6m axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t-31t dolly group mass
* 30t-52.5t quad axle group mass
* 63.5t-108t total mass



1. Dolly and Tri-Axle Low Loader

**Details:**

* 1.2m minimum axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t-31t dolly group mass
* 25t-40t maximum tri-axle group mass
* 58.5t-95.5t total mass



**Details:**

* 18m minimum axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t-31t dolly group mass
* 27t-48t maximum tri-axle group mass
* 60.5t-103.5t total mass

1. Dolly and Oversize Tri-Axle Low Loader



1. Dolly and Tandem Axle Low Loader

**Details:**

* 1.2m minimum axle spacing
* 2.4m-4.6m ground contact width
* 6t maximum steer axle mass
* 18.5t maximum drive axle group mass
* 9t-31t dolly group mass
* 18.5t-31t tandem axle group mass
* 43t-84t maximum total mass

