

TECHNICAL DATASHEETS

PORTAGANTRY®

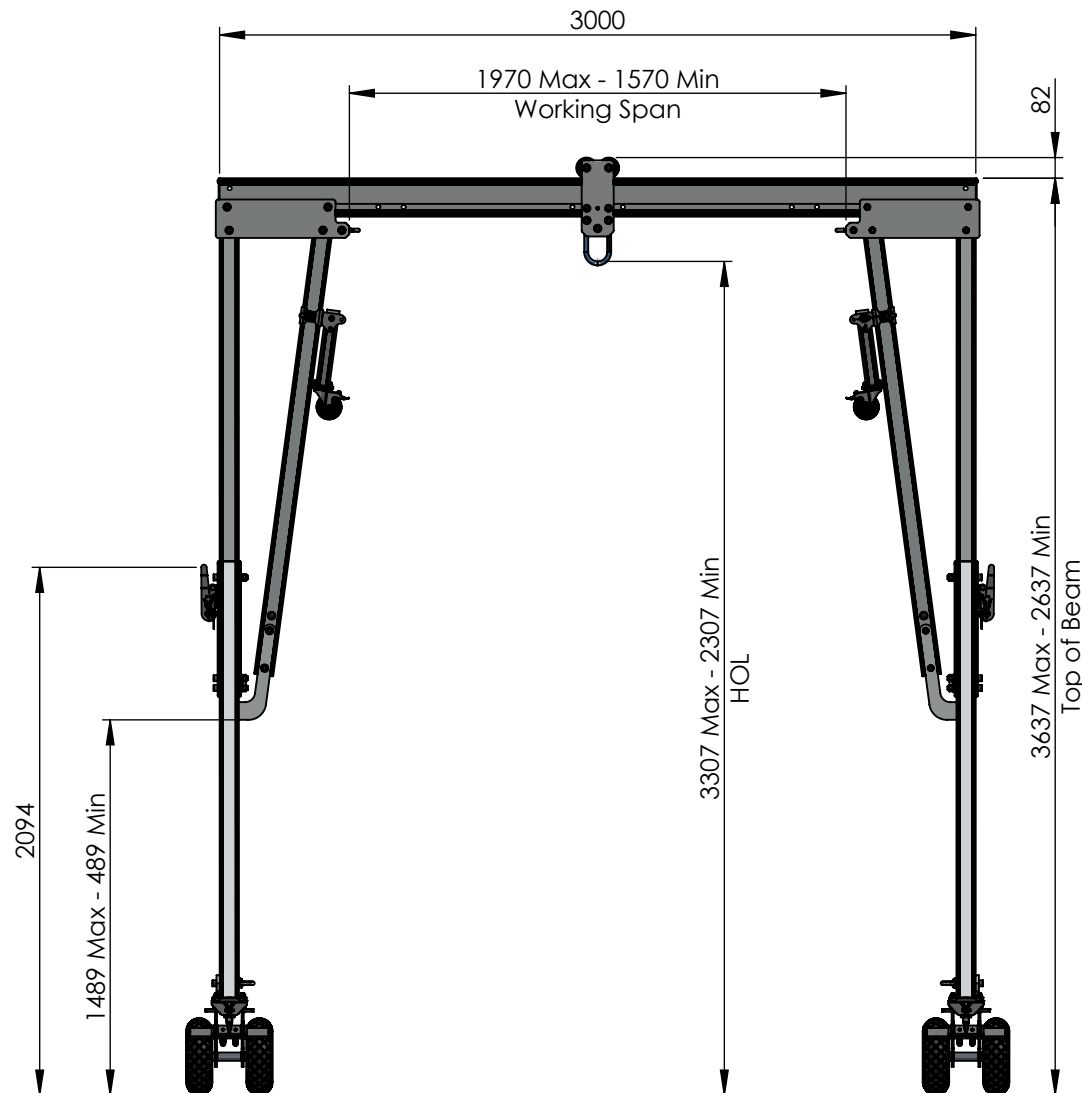
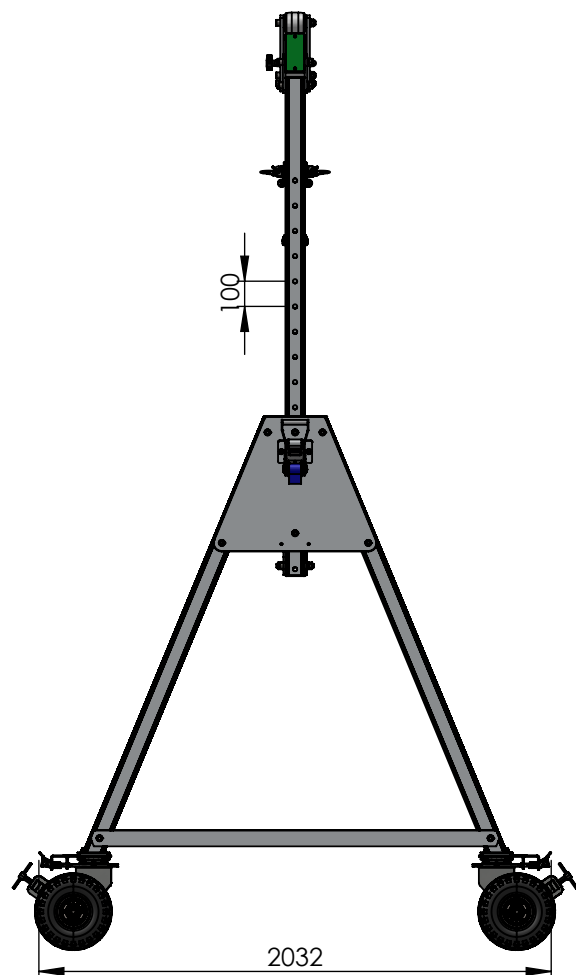
Load Bearing Pneumatic Castor Model

2000kg

[REIDLIFTING.COM](https://www.reidlifting.com)



To ensure the stability of the structure, the working span of the beam must be equal to or greater than the distance between castors on the A-Frame



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REVISION

01



Reid Lifting Limited. Unit 1
Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0) 1291 620796
Fax +44(0) 1291 626490

www.reidlifting.com

enquiries@reidlifting.com

DRAWN	NAME	DATE	FINISH:
CHK'D	MH	18/05/2023	Anodised
APPV'D	AB	24/05/2023	MATERIAL:
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UNLESS OTHERWISE SPECIFIED:			
DIMENSIONS ARE IN MILLIMETERS			



TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 3000mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-3000A

A4

Estimated Weight: 210

1:30

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 25-30mm at centre of span
- Maximum castor surface pressure at full load - 0.56 MPa
- Assembled gantry weight (excluding trollies) - 210kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

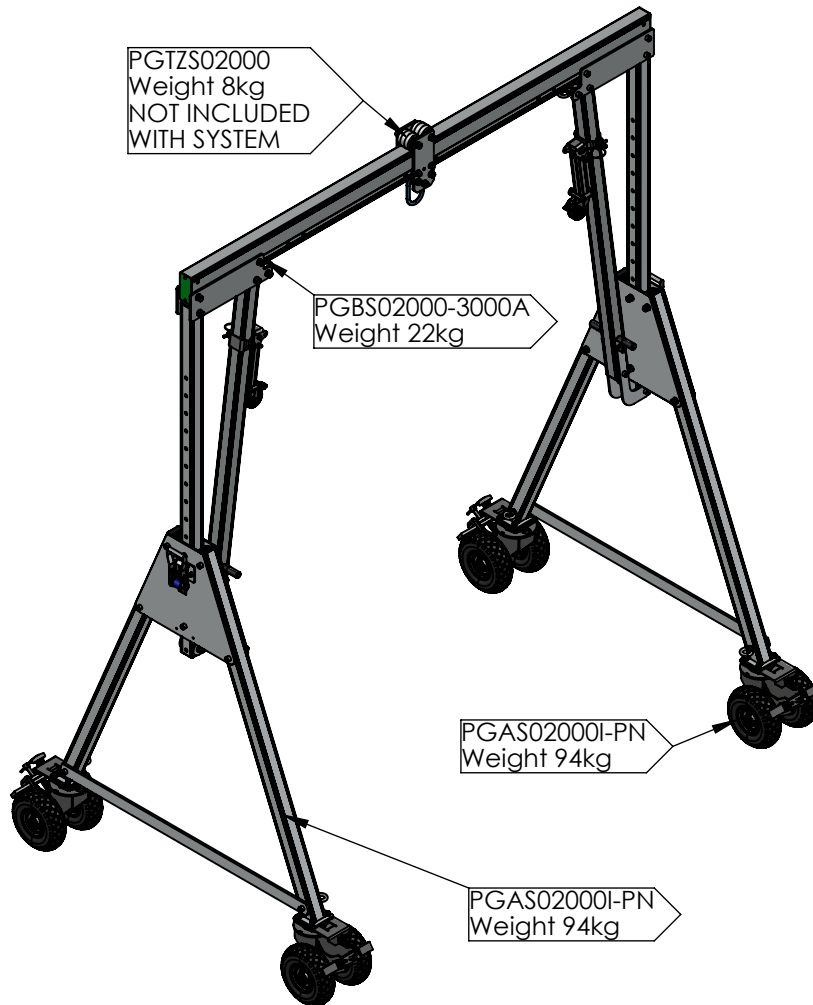
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 3000mm Beam
WLL2000kg

DWG NO.

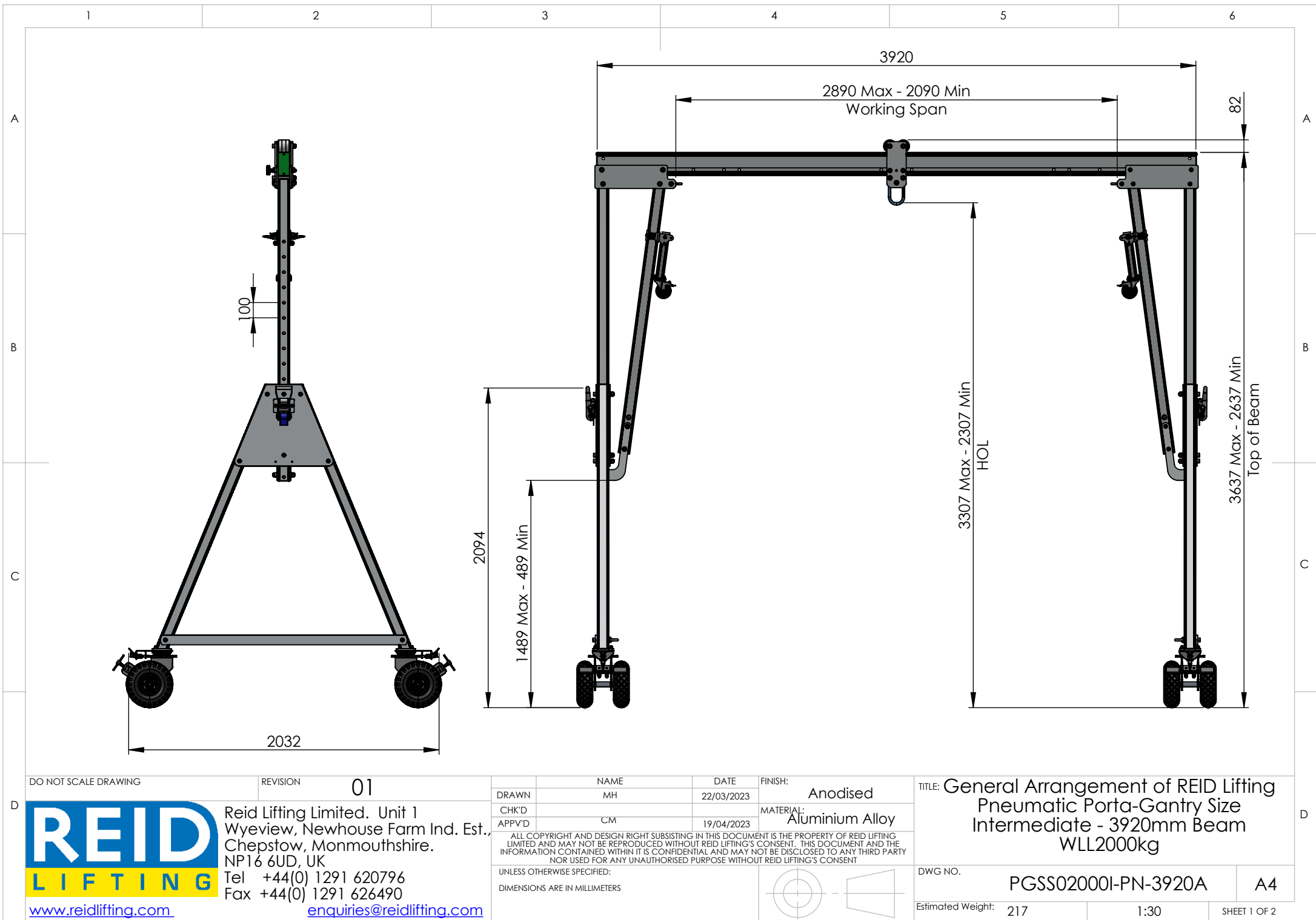
PGSS02000I-PN-3000A

A4

Estimated Weight: 210

1:35

SHEET 2 OF 2



General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.56 MPa
- Assembled gantry weight (excluding trolleys) - 217kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

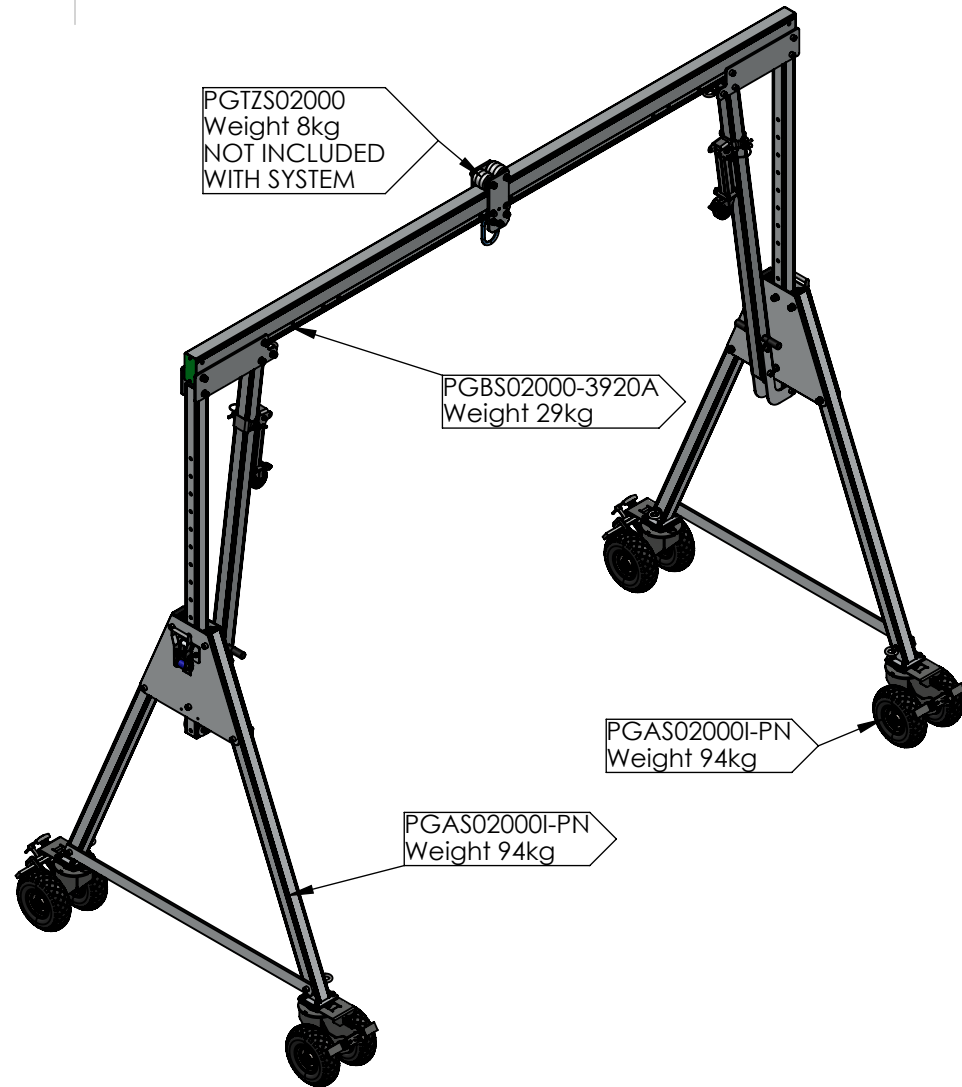
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Chepstow, Monmouthshire.
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enquiries@reidlifting.com

	NAME	DATE
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CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 3920mm Beam
WLL2000kg

DWG NO.

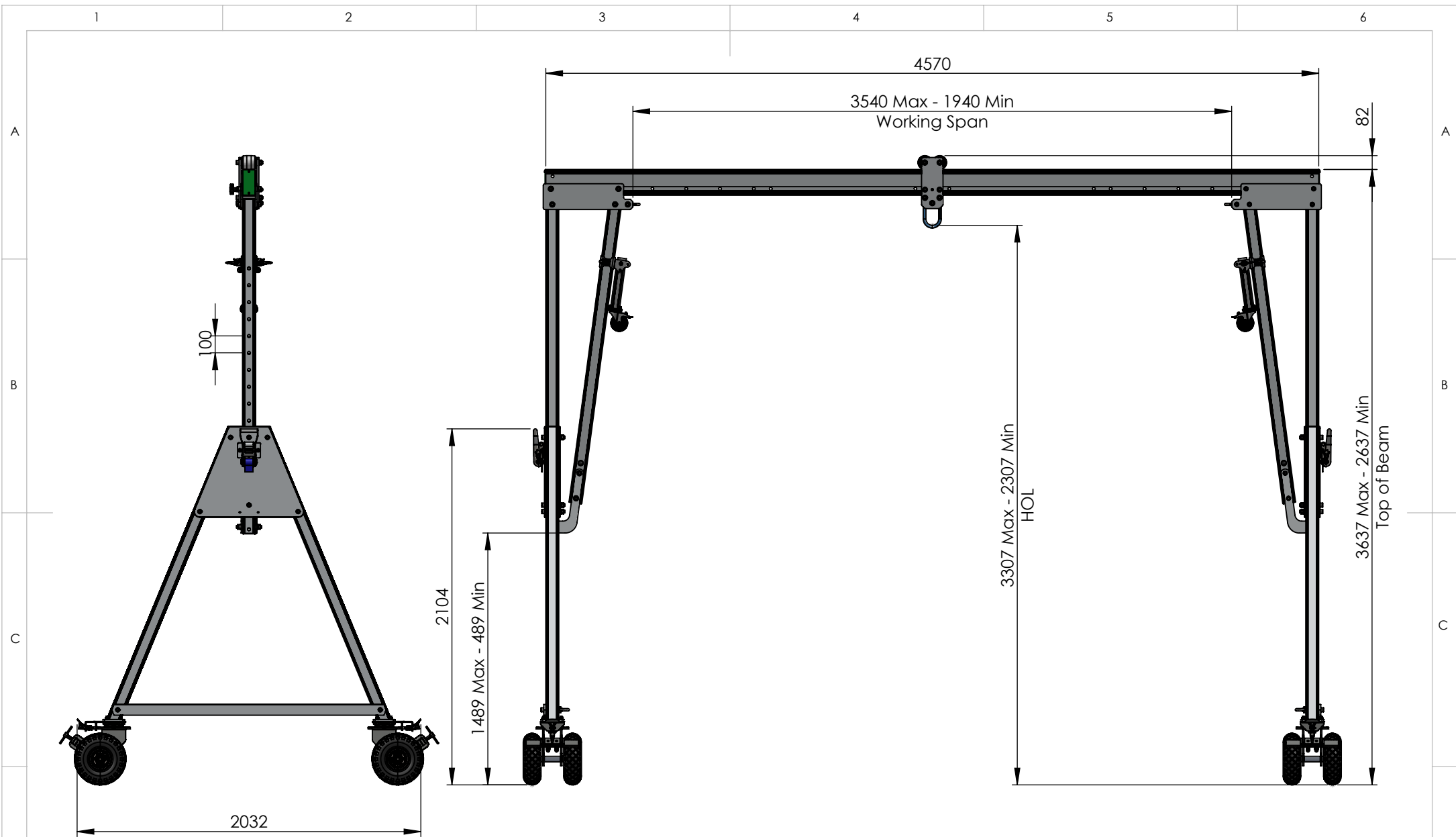
PGSS02000I-PN-3920A

A4

Estimated Weight: 217

1:35

SHEET 2 OF 2



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Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0) 1291 620796
Fax +44(0) 1291 626490

www.reidlifting.com

enquiries@reidlifting.com

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CHK'D	MH	22/03/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 4570mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-4570A

A4

Estimated Weight: 222

1:30

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 50-60mm at centre of span
- Maximum castor surface pressure at full load - 0.57 MPa
- Assembled gantry weight (excluding trollies) - 222kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

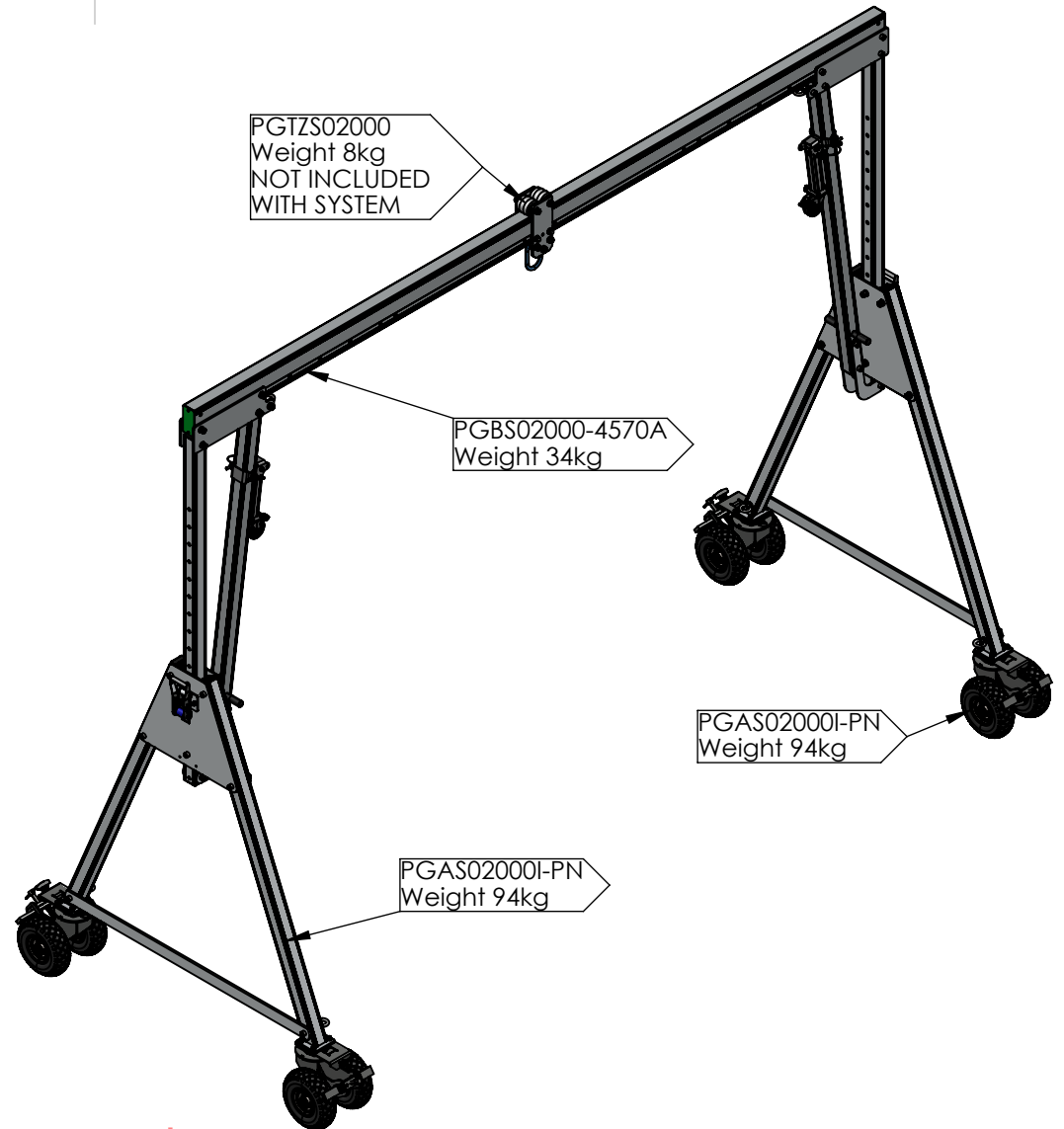
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 4570mm Beam
WLL2000kg

DWG NO.

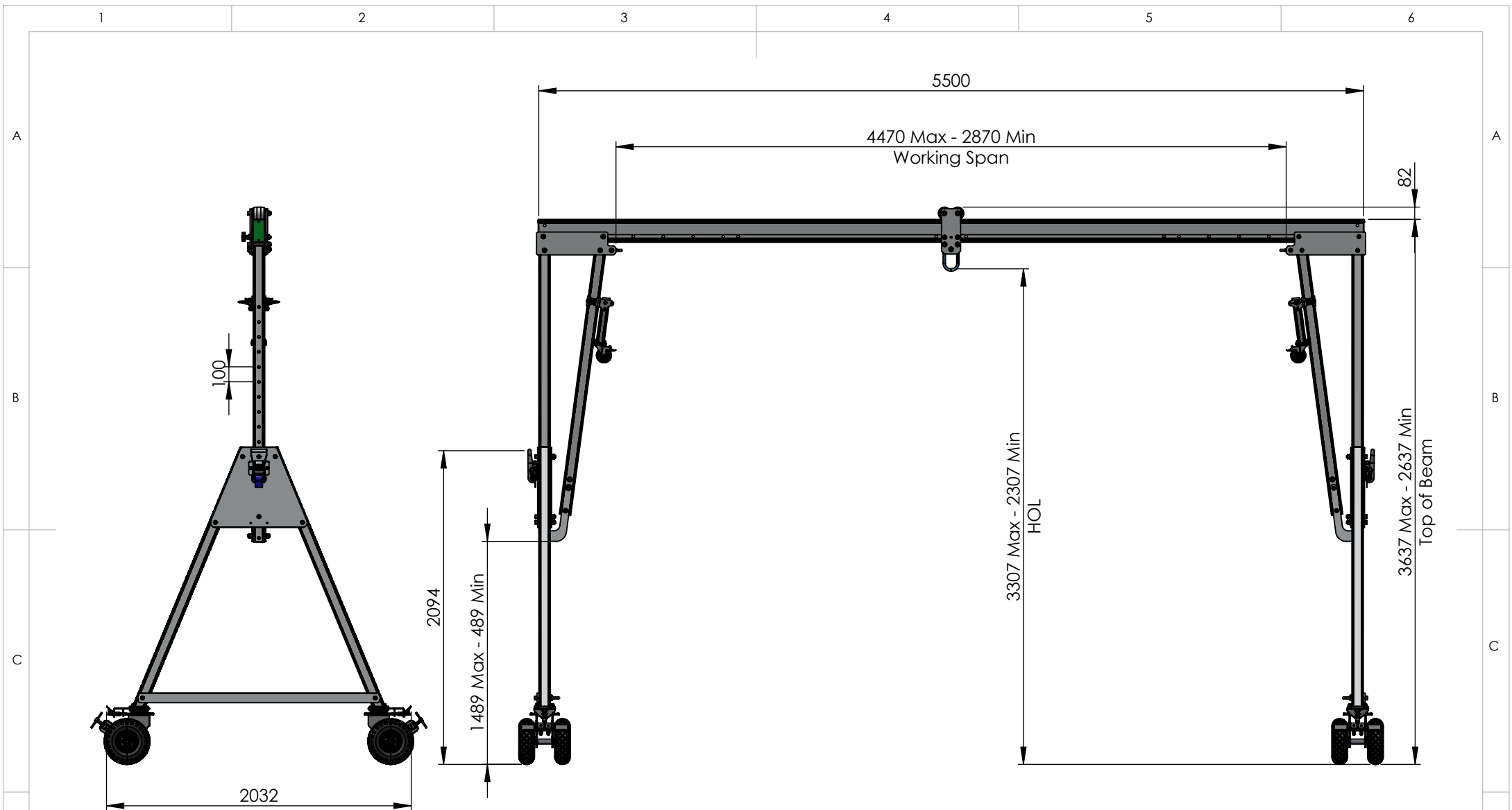
PGSS02000I-PN-4570A

A4

Estimated Weight: 222

1:35

SHEET 2 OF 2



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Chepstow, Monmouthshire.
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 5500mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-5500B

A4

Estimated Weight: 240

1:35

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 65-75mm at centre of span
- Maximum castor surface pressure at full load - 0.57 MPa
- Assembled gantry weight (excluding trollies) - 240kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

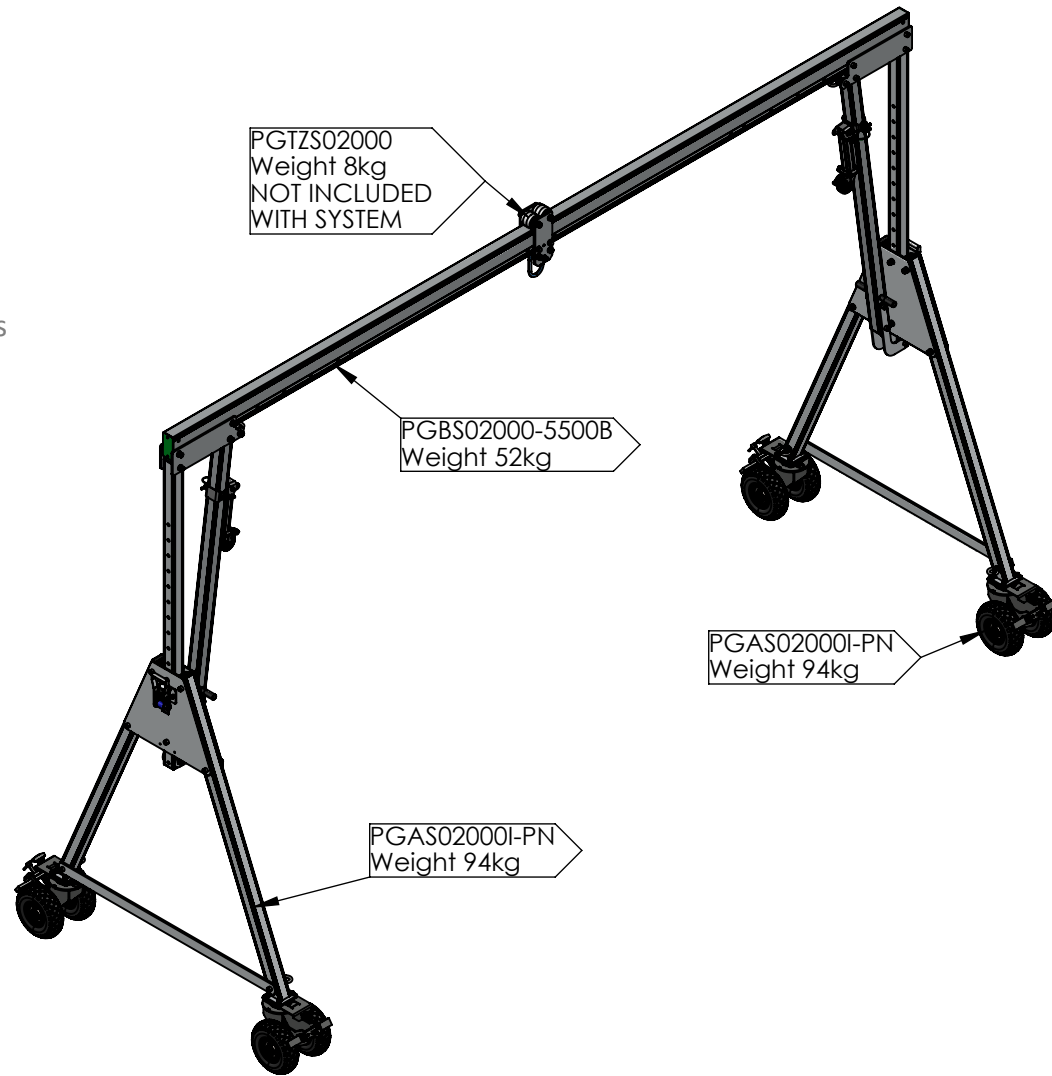
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
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NP16 6UD, UK
Tel +44(0)1291 620796
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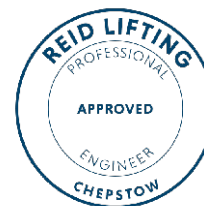
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 5500mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-5500B

A4

Estimated Weight: 240

1:40

SHEET 2 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.58 MPa
- Assembled gantry weight (excluding trollies) - 281kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Reid Lifting Limited. Unit 1
Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
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Tel +44(0)1291 620796
Fax: +44(0)1291 626490

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 6000mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-6000D

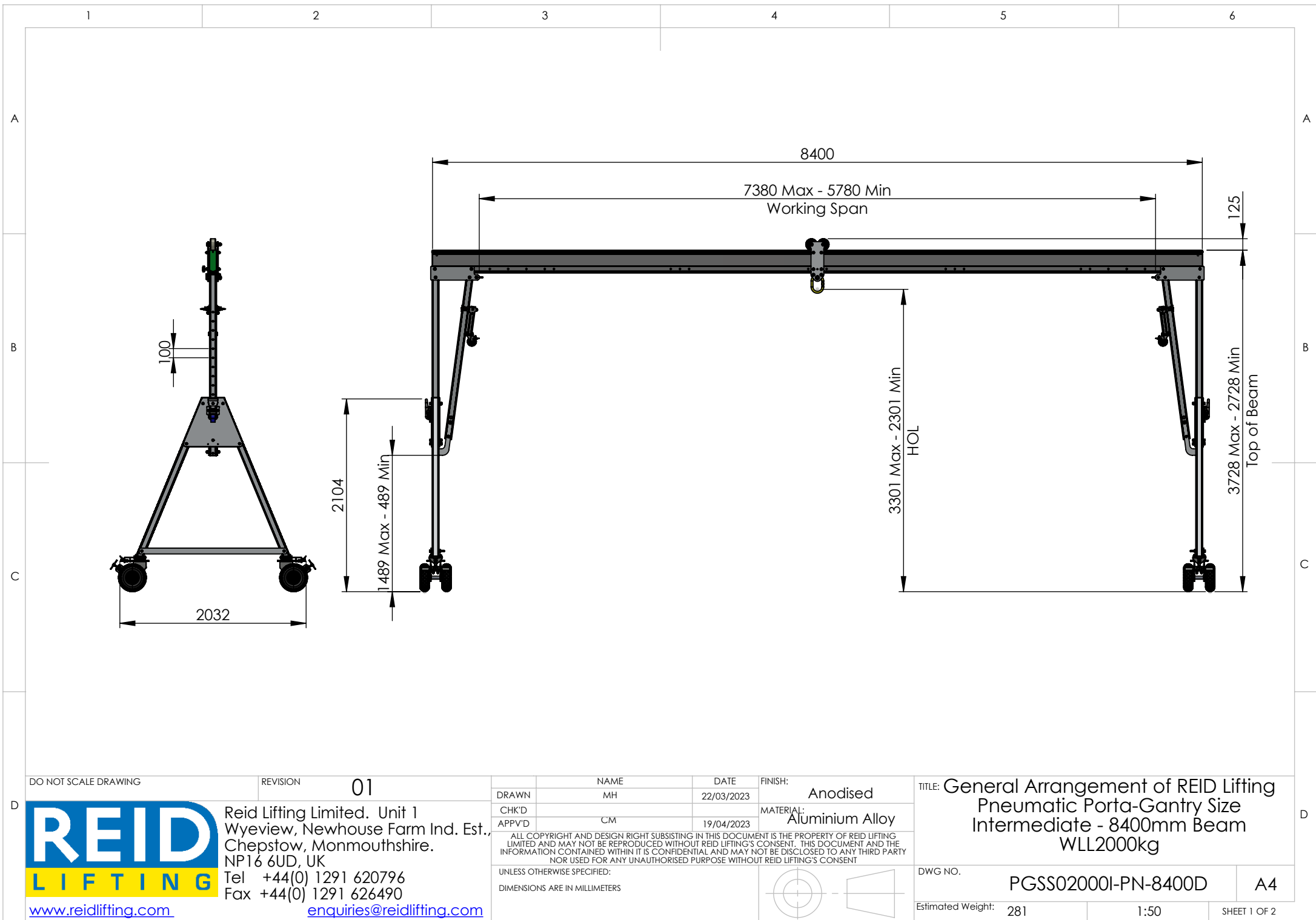
A4

Estimated Weight:

281

1:40

SHEET 2 OF 2



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Chepstow, Monmouthshire.
NP16 6UD, UK
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Fax +44(0) 1291 626490

www.reidlifting.com

enquiries@reidlifting.com

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 8400mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-8400D

A4

Estimated Weight: 281

1:50

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 75-85mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trollies) - 318kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
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Fax: +44(0)1291 626490

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size
Intermediate - 8400mm Beam
WLL2000kg

DWG NO.

PGSS02000I-PN-8400D

A4

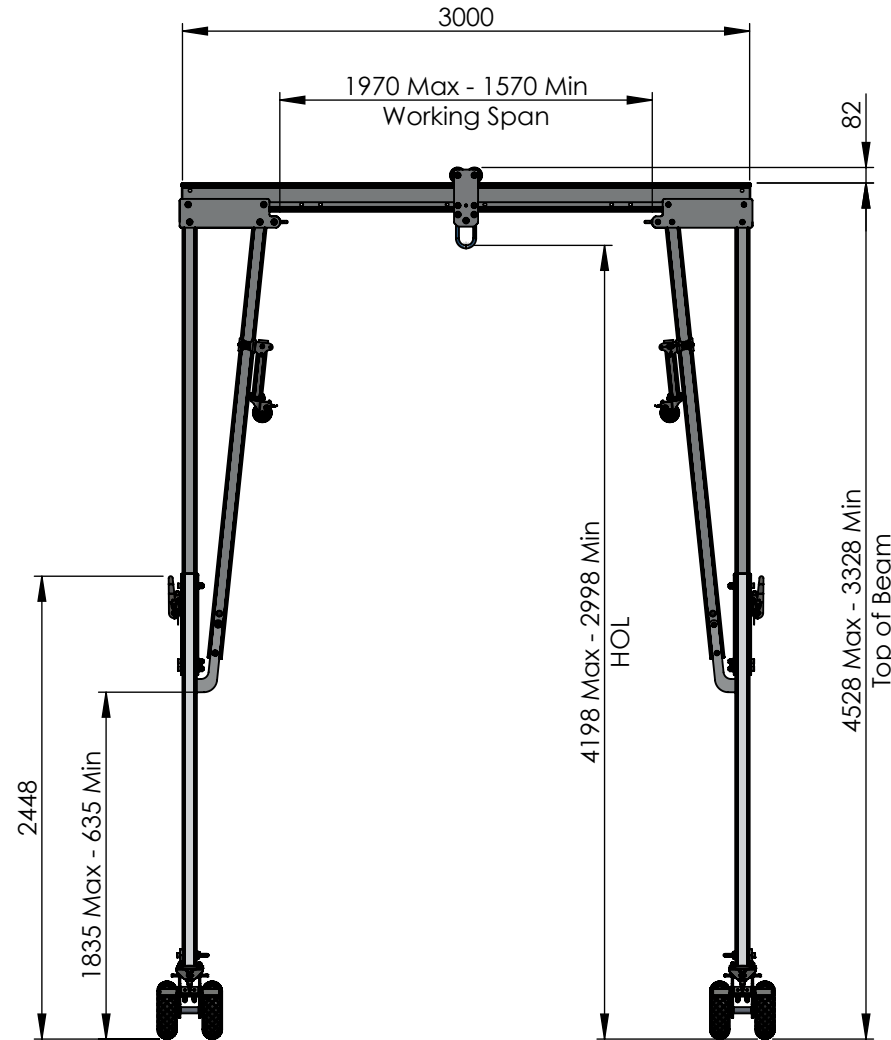
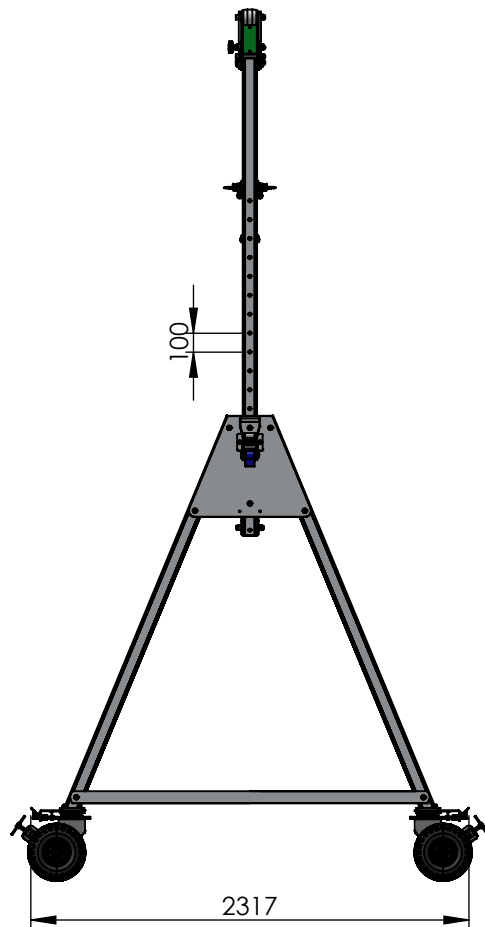
Estimated Weight: 318

1:50

SHEET 2 OF 2



To ensure the stability of the structure, the working span of the beam must be equal to or greater than the distance between the castors on the A-frame



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Chepstow, Monmouthshire.
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Fax +44(0) 1291 626490

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enquiries@reidlifting.com

DRAWN	NAME	DATE	FINISH:
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APPV'D	AB	24/05/2023	MATERIAL:
Aluminium Alloy			
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TITLE:		General Arrangement of REID Lifting Pneumatic Porta-Gantry Size Tall - 3000mm Beam WLL2000kg	
DWG NO.	PGSS02000T-PN-3000A	A4	
Estimated Weight:	222	1:40	SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 25-30mm at centre of span
- Maximum castor surface pressure at full load - 0.57 MPa
- Assembled gantry weight (excluding trollies) - 222kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

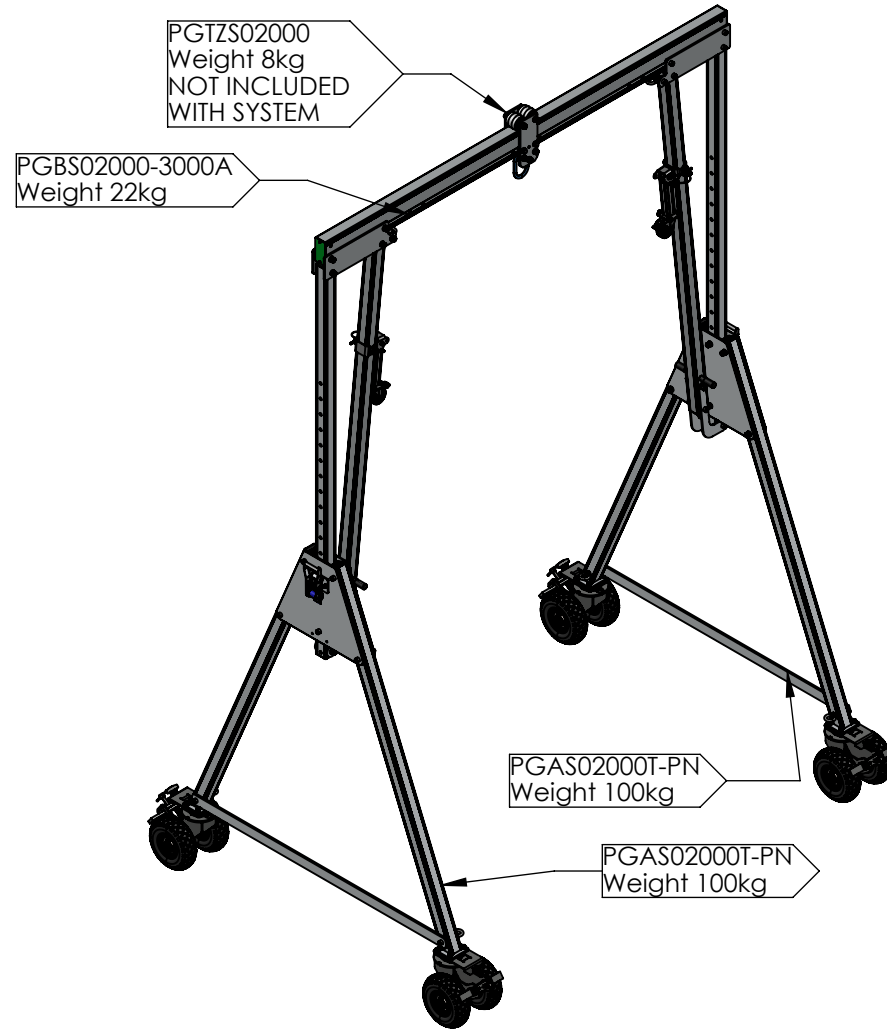
- Frame and beam - 6082 T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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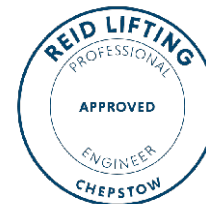
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Wyeview, Newhouse Farm Ind. Est.,
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
3000mm Beam WLL2000kg

DWG NO.

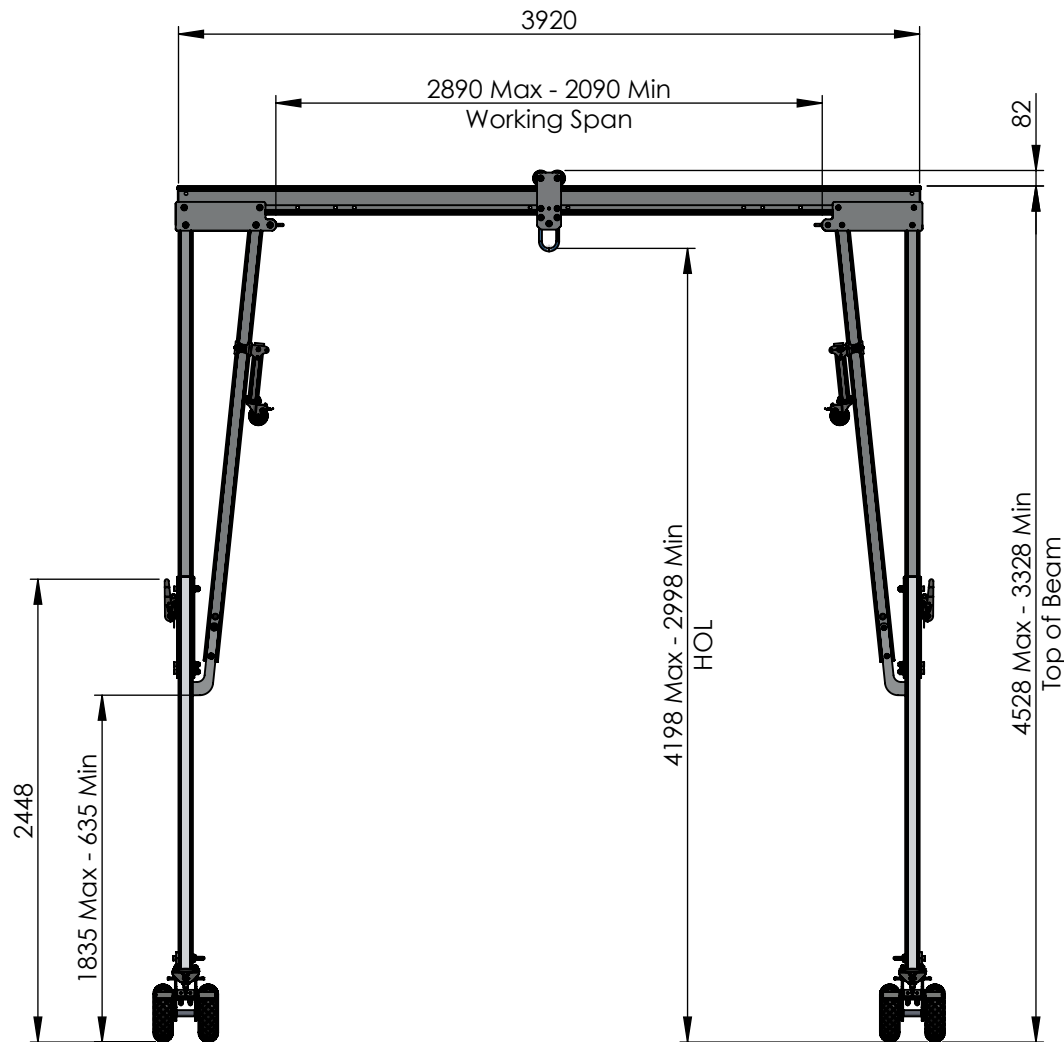
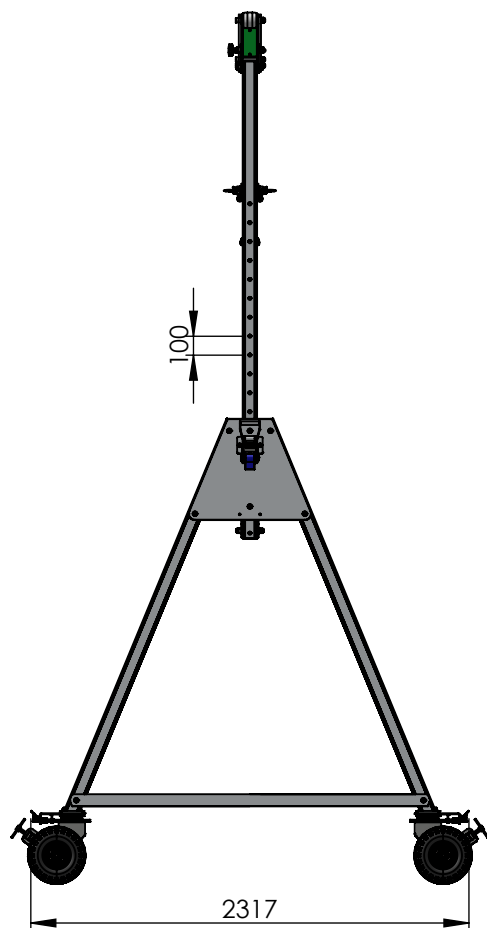
PGSS02000T-PN-3000A

A4

Estimated Weight: 222

1:40

SHEET 2 OF 2



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DRAWN	NAME	DATE	FINISH:
CHK'D	MH	23/03/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
3920mm Beam WLL2000kg

DWG NO.

PGSS02000T-PN-3920A

A4

Estimated Weight: 229

1:40

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.57 MPa
- Assembled gantry weight (excluding trolleys) - 229kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082 T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment

PGTZO2000
Weight 8kg
NOT INCLUDED
WITH SYSTEM

PGBS02000-3920A
Weight 29kg

PGAS02000T-PN
Weight 100kg

PGAS02000T-PN
Weight 100kg

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REID
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www.reidlifting.com

Reid Lifting Limited. Unit 1
Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0)1291 620796
Fax: +44(0)1291 626490

enquiries@reidlifting.com

	NAME	DATE
DRAWN	MH	23/03/2023
CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
3920mm Beam WLL2000kg

DWG NO.

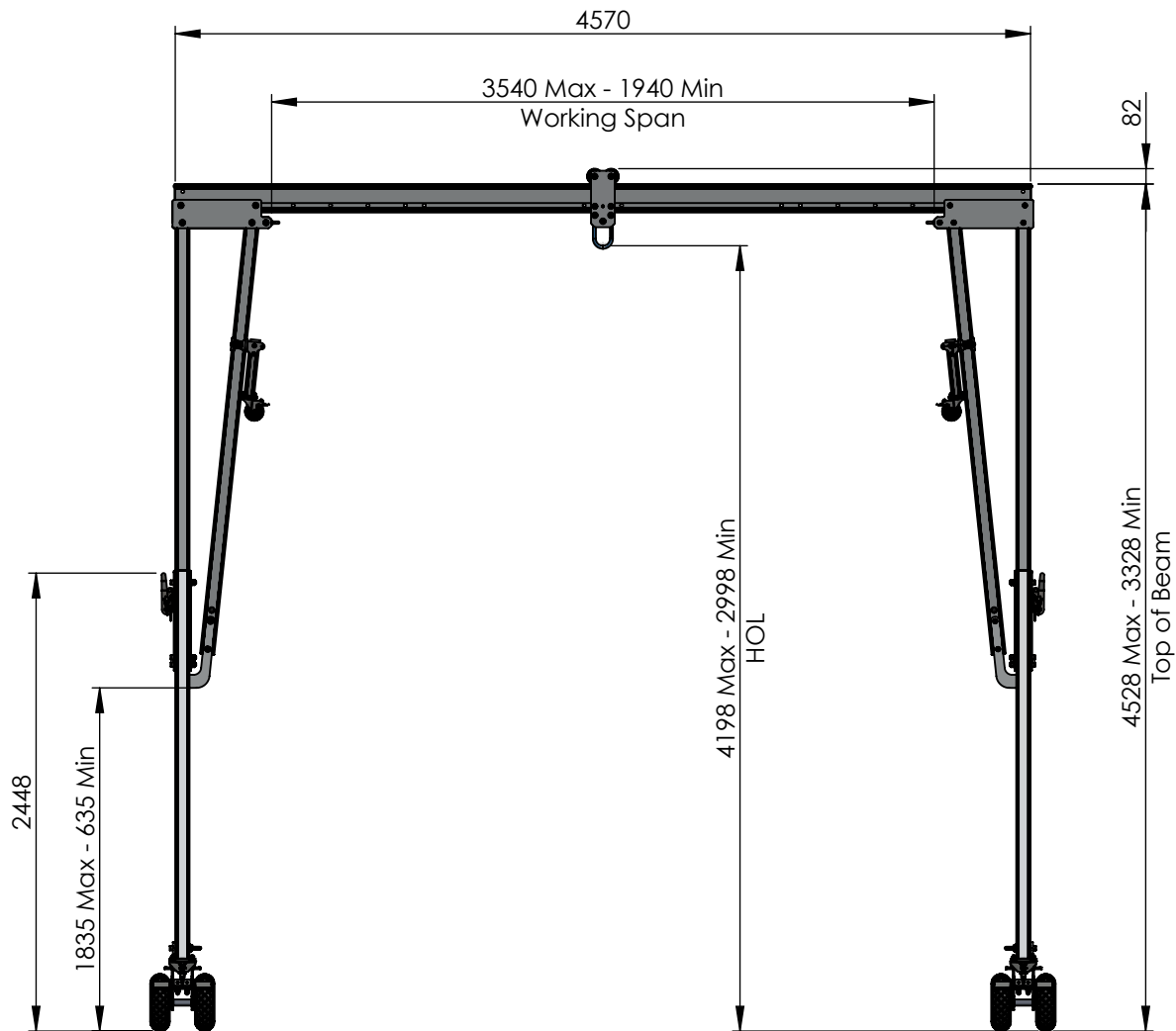
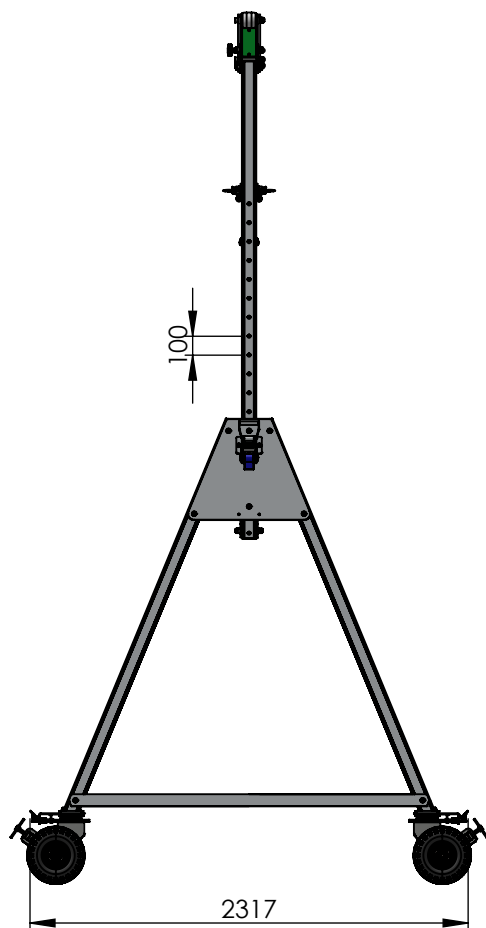
PGSS02000T-PN-3920A

A4

Estimated Weight: 229

1:40

SHEET 2 OF 2



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Chepstow, Monmouthshire.
NP16 6UD, UK
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Fax +44(0) 1291 626490

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DRAWN	NAME	DATE	FINISH:
CHK'D	MH	23/03/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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<small>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS</small>			



TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
4570mm Beam WLL2000kg

DWG NO.

PGSS02000T-PN-4570A

A4

Estimated Weight: 233

1:40

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 50-60mm at centre of span
- Maximum castor surface pressure at full load - 0.57 MPa
- Assembled gantry weight (excluding trollies) - 233kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

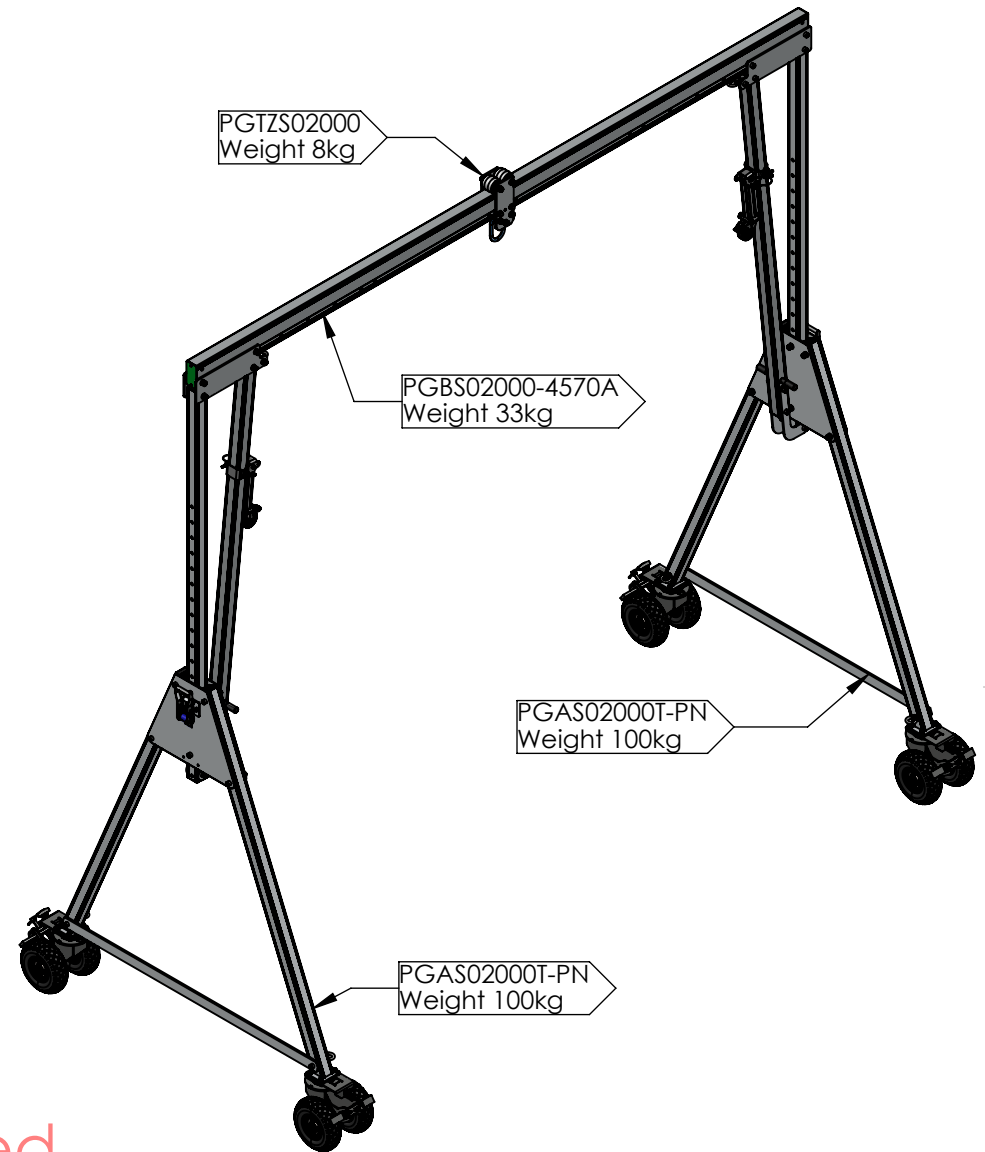
- Frame and beam - 6082 T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0)1291 620796
Fax: +44(0)1291 626490

enquiries@reidlifting.com

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APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
4570mm Beam WLL2000kg

DWG NO.

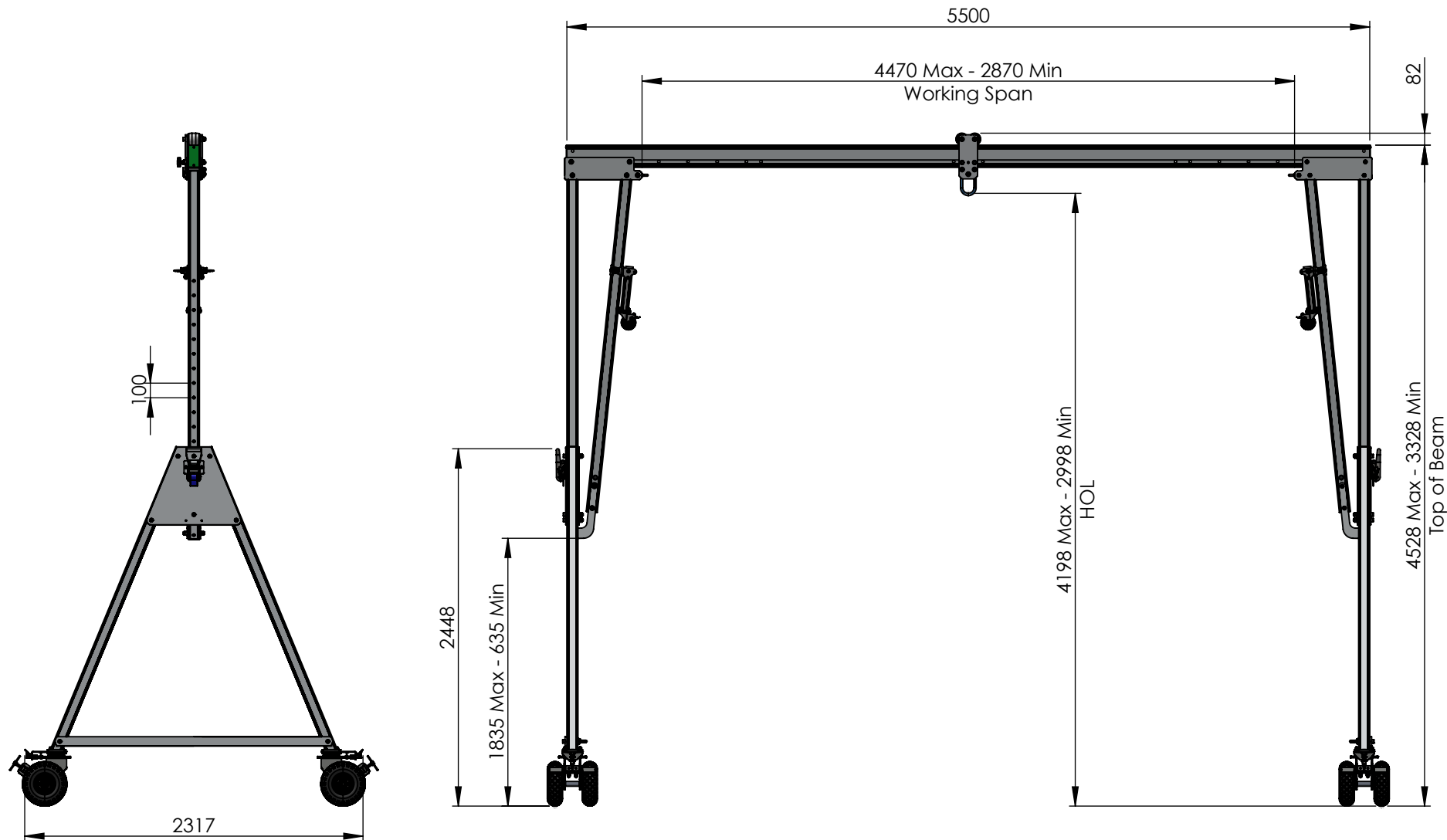
PGSS02000T-PN-4570A

A4

Estimated Weight: 233

1:40

SHEET 2 OF 2



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Chepstow, Monmouthshire.
NP16 6UD, UK
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Fax +44(0) 1291 626490

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enquiries@reidlifting.com

DRAWN	NAME	DATE	FINISH:
MH		23/03/2023	Anodised
CHK'D			MATERIAL:
CM		19/04/2023	Aluminium Alloy
APPV'D			
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
5500mm Beam WLL2000kg

DWG NO.

PGSS02000T-PN-5500B

A4

Estimated Weight: 251

1:40

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 65-75mm at centre of span
- Maximum castor surface pressure at full load - 0.57 MPa
- Assembled gantry weight (excluding trolleys) - 251kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

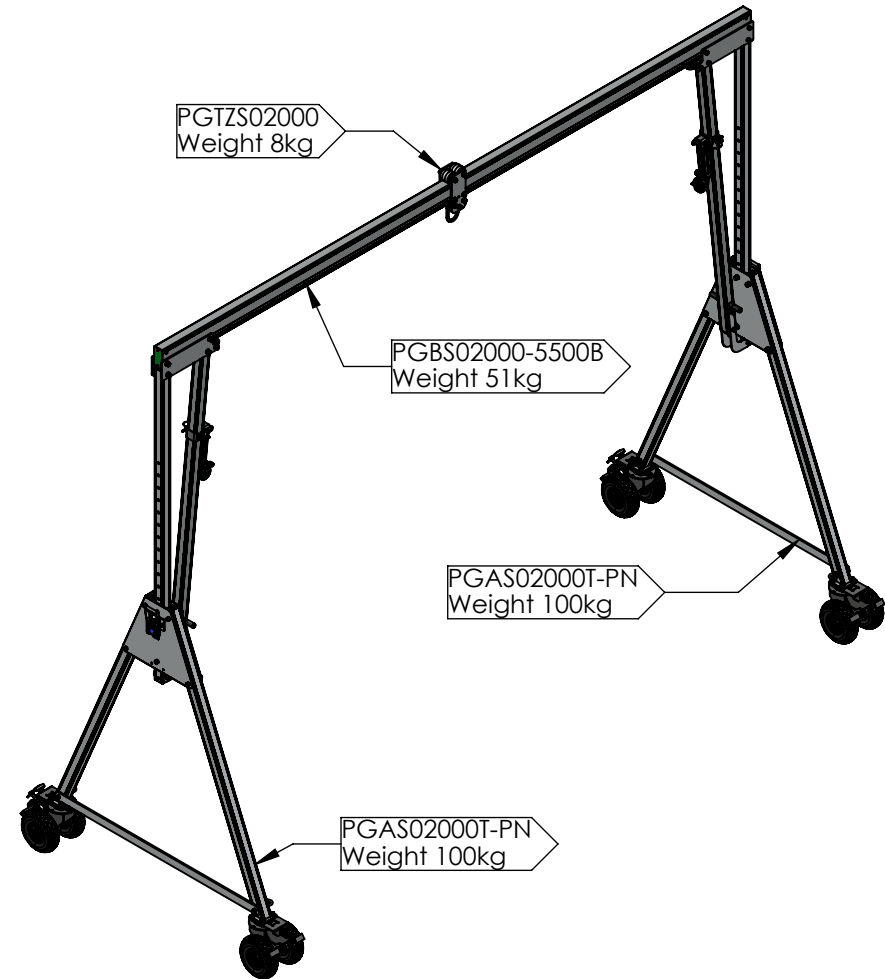
- Frame and beam - 6082 T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
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APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
5500mm Beam WLL2000kg

DWG NO.

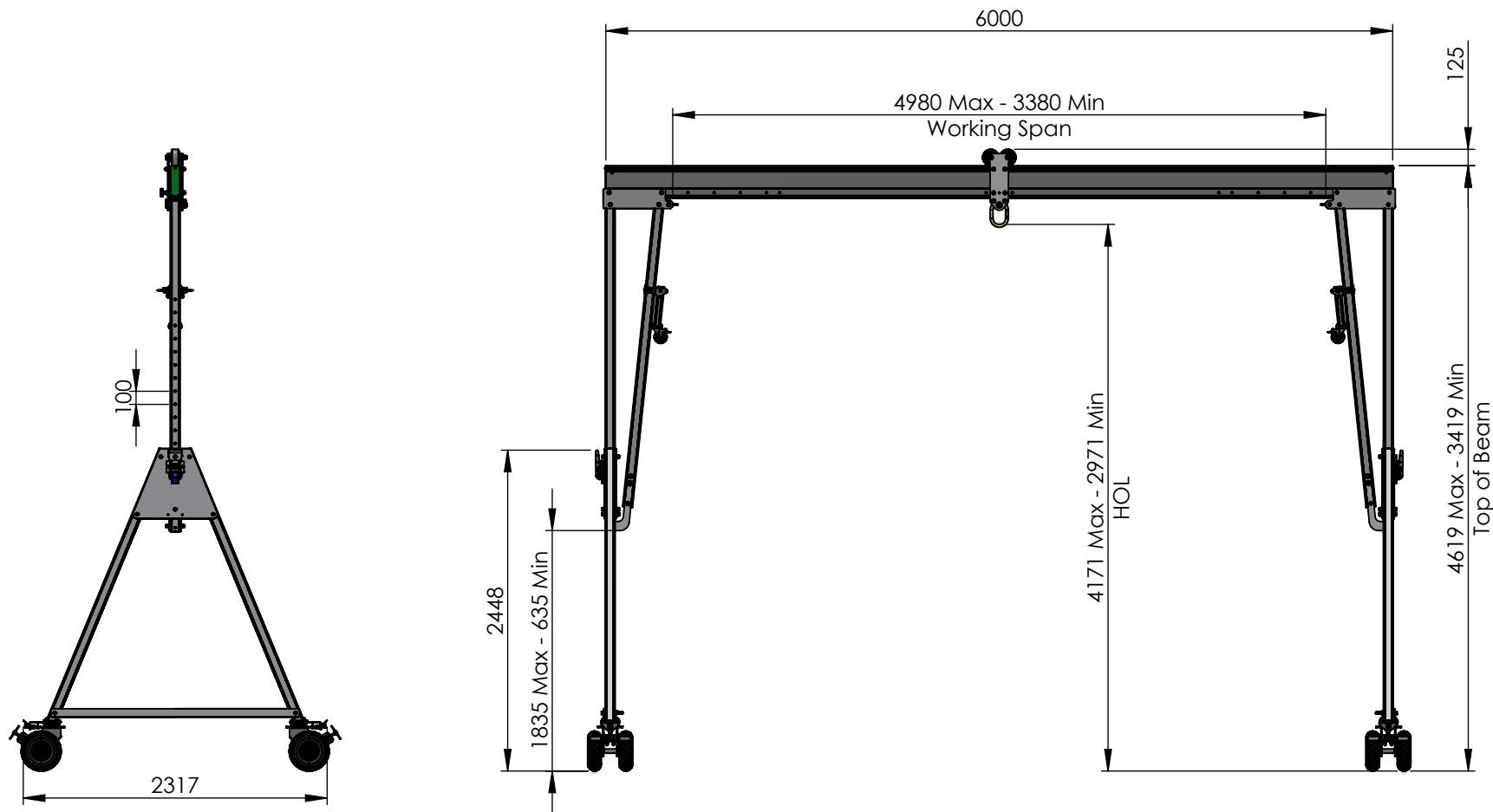
PGSS02000T-PN-5500B

A4

Estimated Weight: 251

1:50

SHEET 2 OF 2



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Chepstow, Monmouthshire.
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Fax +44(0) 1291 626490

www.reidlifting.com

enquiries@reidlifting.com

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APPV'D	CM	19/04/2023	MATERIAL:
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UNLESS OTHERWISE SPECIFIED:			
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
6000mm Beam WLL2000kg

DWG NO.

PGSS02000T-PN-6000D

A4

Estimated Weight: 305

1:50

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trollies) - 305kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

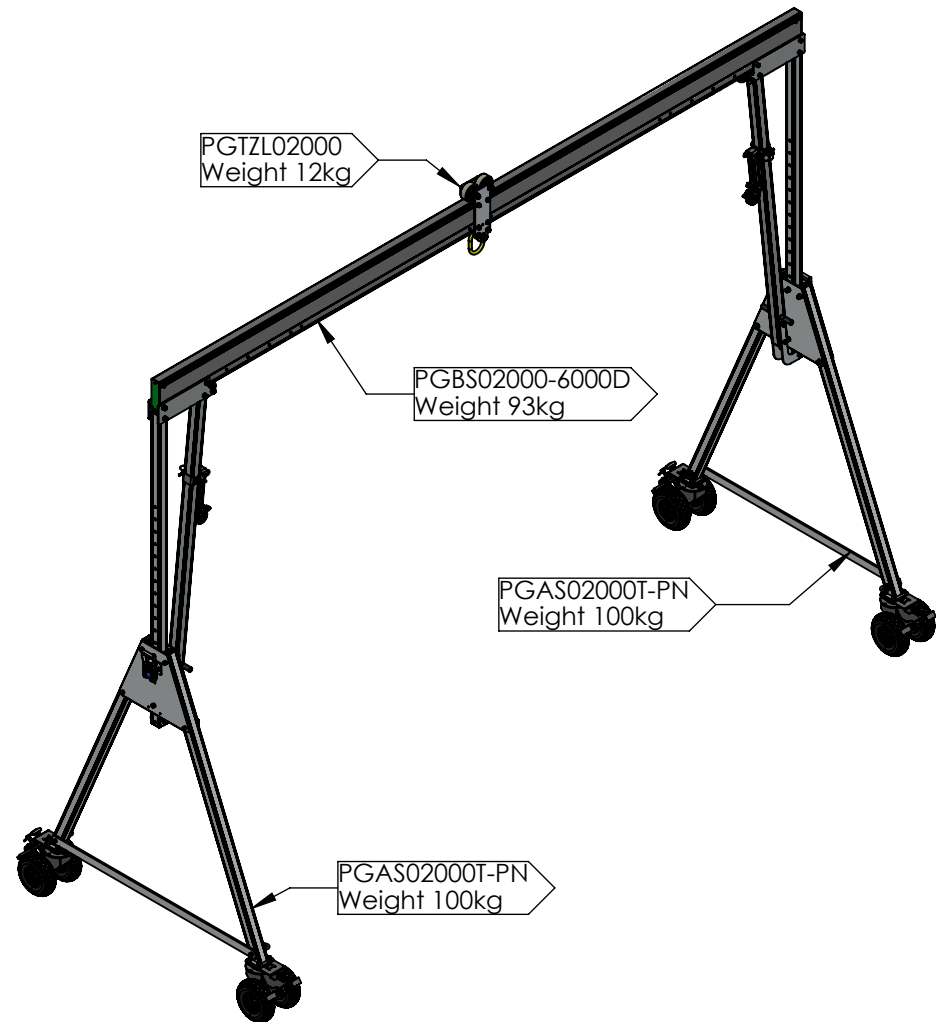
- Frame and beam - 6082 T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
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Fax: +44(0)1291 626490

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
6000mm Beam WLL2000kg

DWG NO.

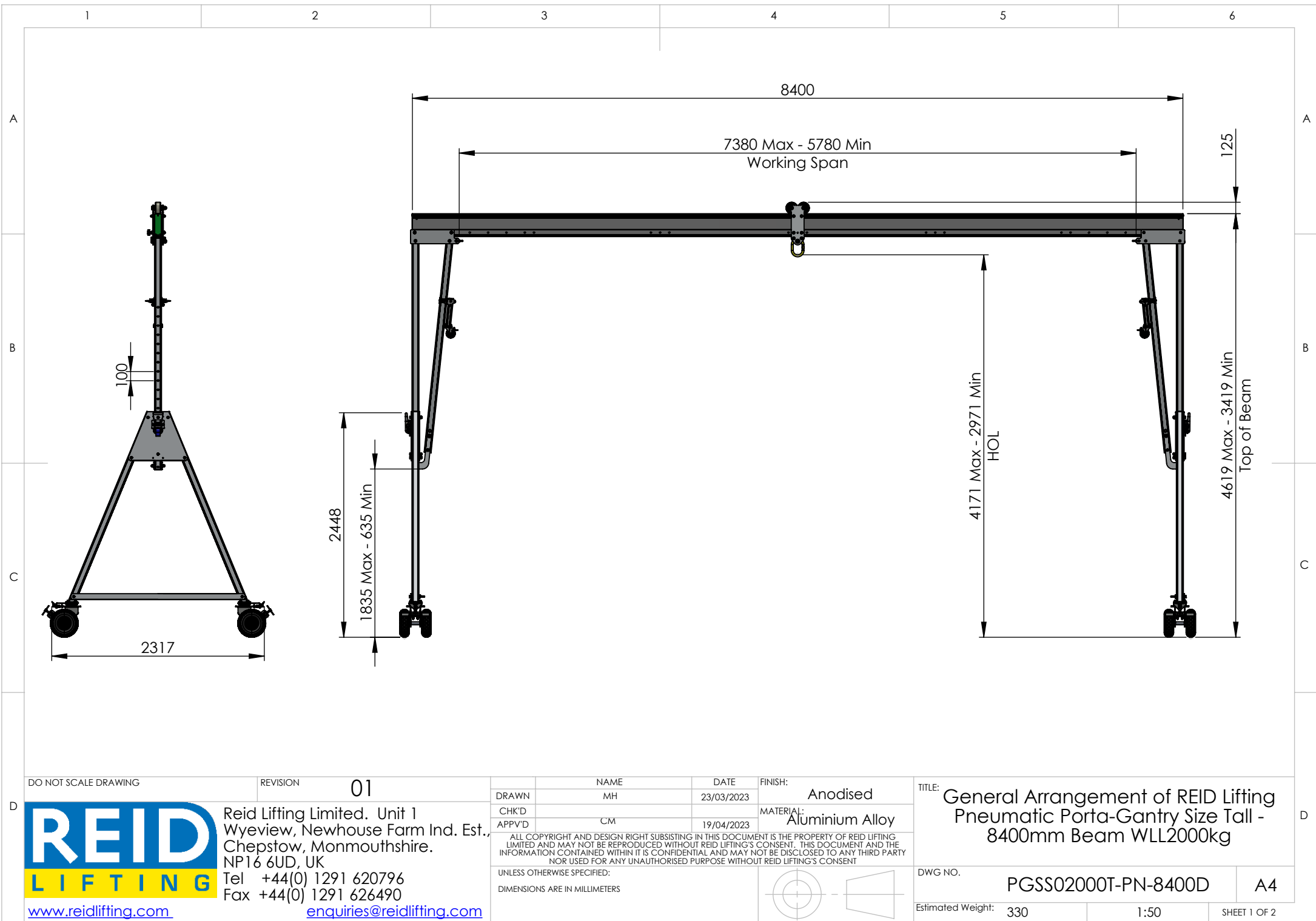
PGSS02000T-PN-6000D

A4

Estimated Weight: 305

1:50

SHEET 2 OF 2



General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 80-90mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trollies) - 330kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

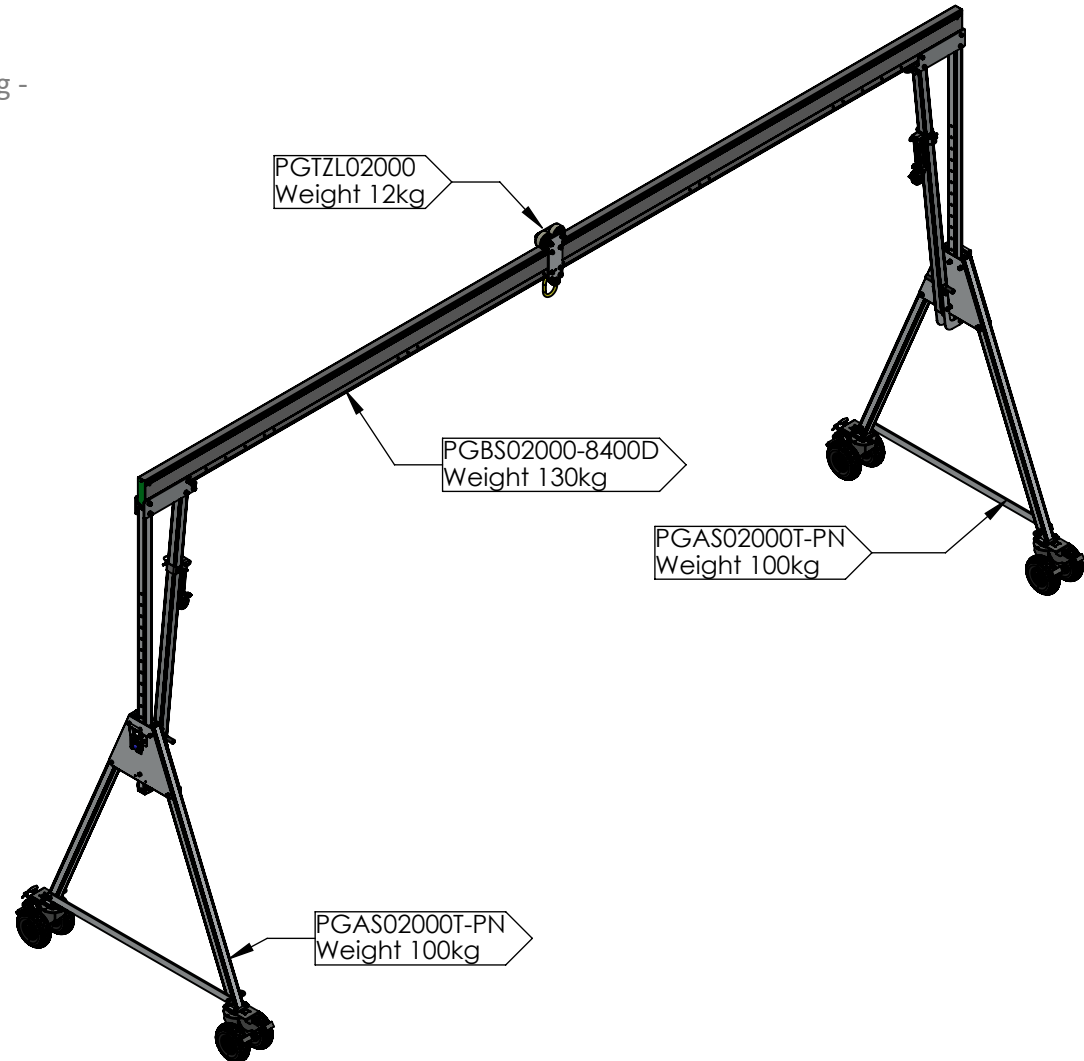
- Frame and beam - 6082 T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0)1291 620796
Fax: +44(0)1291 626490

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DRAWN	MH	23/03/2023
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APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size Tall -
8400mm Beam WLL2000kg

DWG NO.

PGSS02000T-PN-8400D

A4

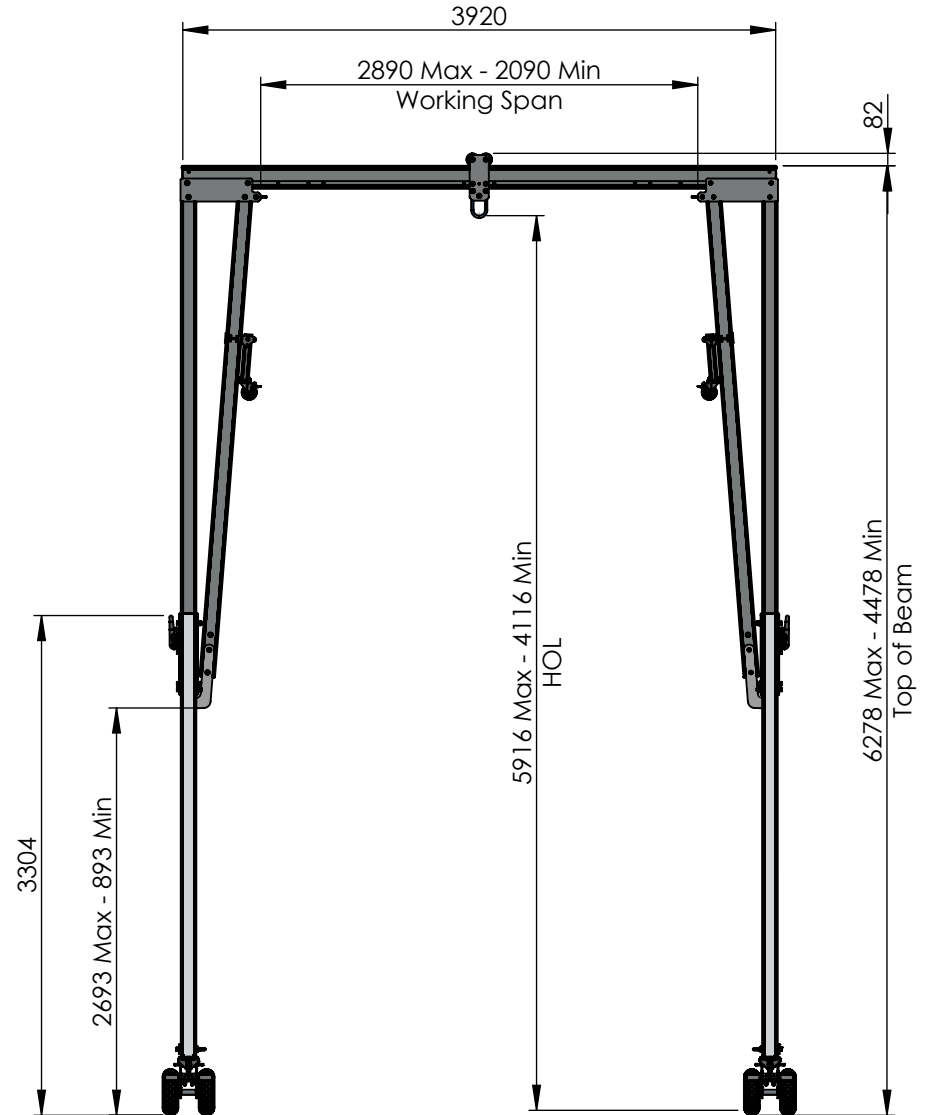
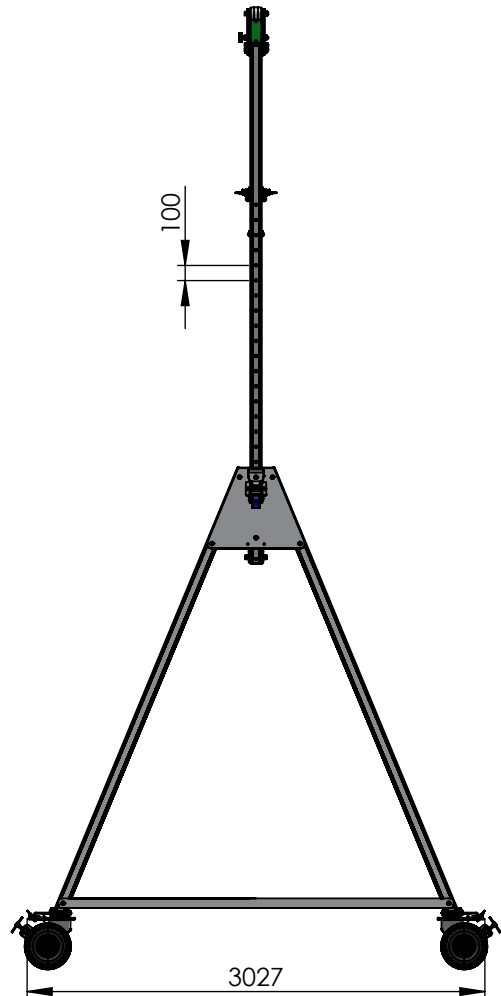
Estimated Weight: 330

1:55

SHEET 2 OF 2



To ensure the stability of the structure, the working span of the beam must be equal to or greater than the distance between castors on the A-frame



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DRAWN	NAME	DATE	FINISH:
CHK'D	MH	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
3920mm Beam WLL2000kg

DWG NO.

PGSS02000TC1-PN-3920A

A4

Estimated Weight: 321

1:50

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trollies) - 321kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment

PGTSS02000
Weight 8kg
NOT INCLUDED
WITH SYSTEM

PGBS02000-3920A
Weight 29kg

PGAS02000TC1-PN
Weight 146kg

PGAS02000TC1-PN
Weight 146kg

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CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
3920mm Beam WLL2000kg

DWG NO.

PGSS02000TC1-PN-3920A

A4

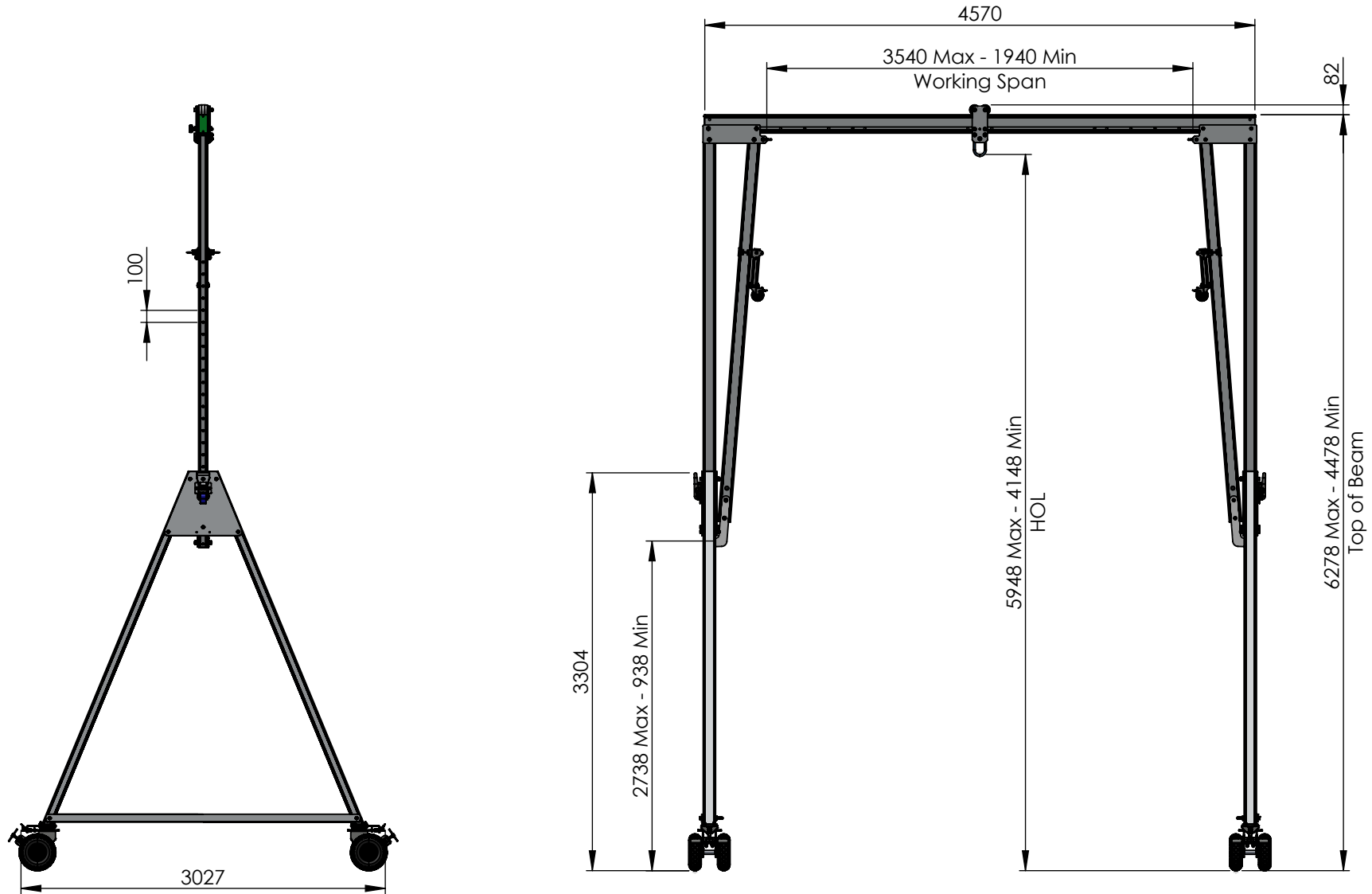
Estimated Weight: 321

1:50

SHEET 2 OF 2



To ensure the stability of the struture, the working span of the beam must be equal to or greater than the distance between castors on the A-frame



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Fax +44(0) 1291 626490

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DRAWN	NAME	DATE	FINISH:
CHK'D	FS	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL:
Aluminium Alloy			
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TITLE:		General Arrangement of REID Lifting Pneumatic Porta-Gantry Size TC1 - 4570mm Beam WLL2000kg	
DWG NO.	PGSS02000TC1-PN-4570A	A4	
Estimated Weight:	325	1:50	SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 50-60 mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trollies) - 325kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment

PGTSS02000
Weight 8kg
NOT INCLUDED
WITH SYSTEM

PGBS02000-4570A
Weight 33kg

PGAS02000TC1-PN
Weight 146kg

PGAS02000TC1-PN
Weight 146kg

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NP16 6UD, UK
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DRAWN	FS	03/04/2023
CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
4570mm Beam WLL2000kg

DWG NO.

PGSS02000TC1-PN-4570A

A4

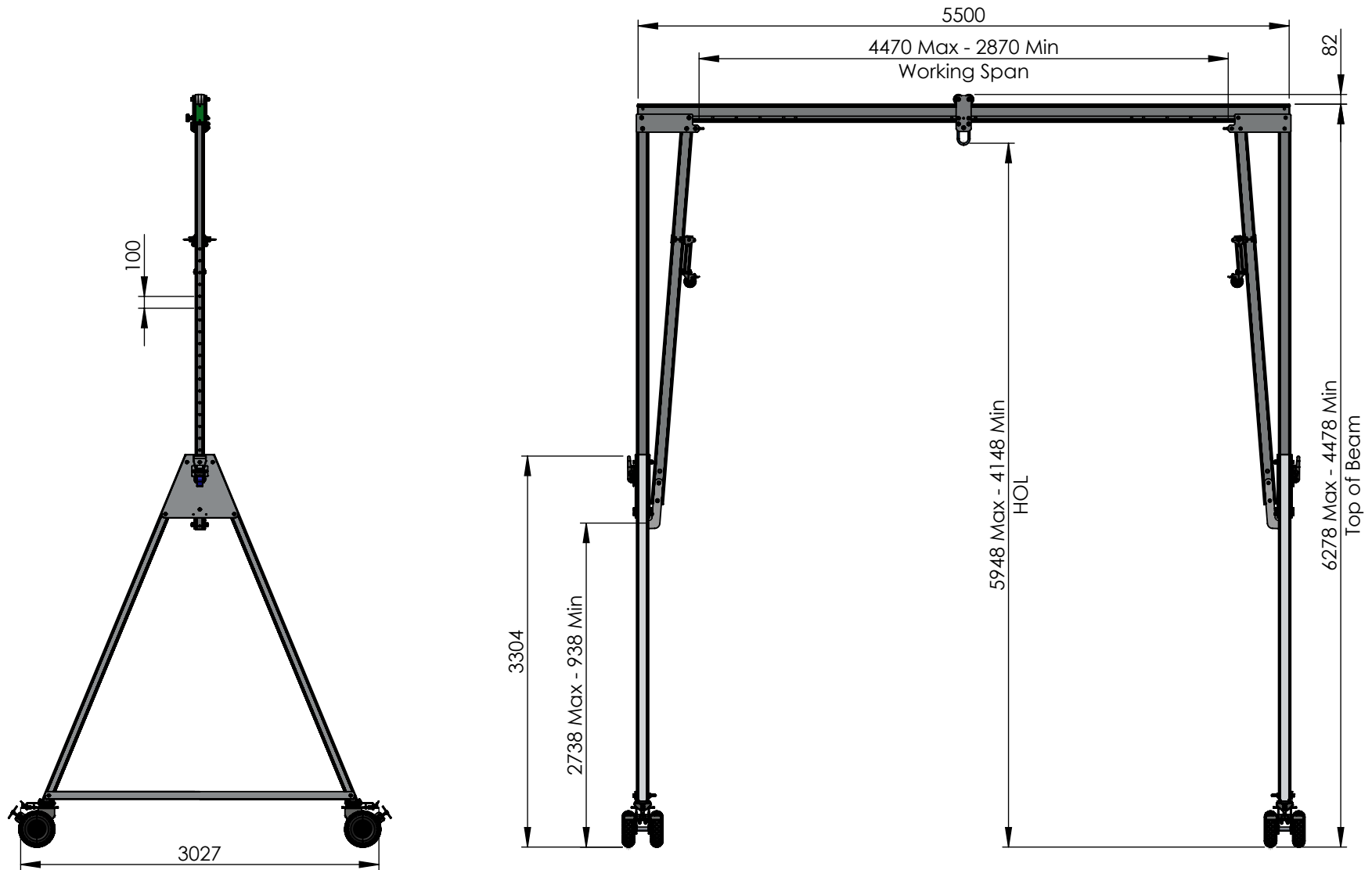
Estimated Weight: 325

1:50

SHEET 2 OF 2



To ensure the stability of the struture, the working span of the beam must be equal to or greater than the distance between castors on the A-frame



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Tel +44(0) 1291 620796
Fax +44(0) 1291 626490

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enquiries@reidlifting.com

DRAWN	NAME	DATE	FINISH:
CHK'D	FS	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE:		General Arrangement of REID Lifting Pneumatic Porta-Gantry Size TC1 - 5500mm Beam WLL2000kg	
DWG NO.	PGSS02000TC1-PN-5500B	A4	
Estimated Weight:	325	1:50	SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 65-75 mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trolleys) - 343kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment

PGTZO2000
Weight 8kg
NOT INCLUDED
WITH SYSTEM

PGBS02000-5500B
Weight 51kg

PGAS02000TC1-PN
Weight 146kg

PGAS02000TC1-PN
Weight 146kg

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Reid Lifting Limited. Unit 1
Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0)1291 620796
Fax: +44(0)1291 626490

www.reidlifting.com

enquiries@reidlifting.com

	NAME	DATE
DRAWN	FS	03/04/2023
CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
5500mm Beam WLL2000kg

DWG NO.

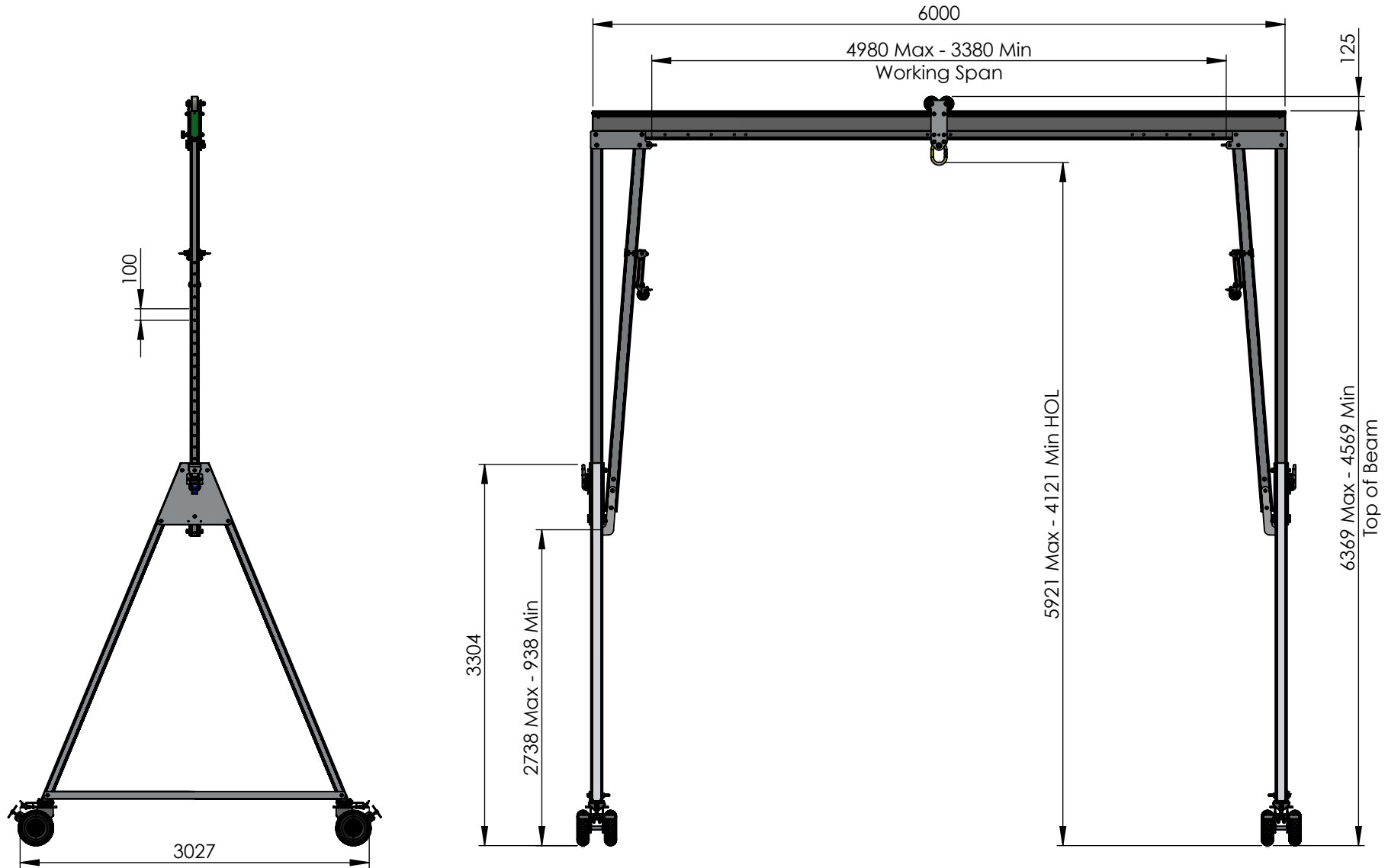
PGSS02000TC1-PN-5500B

A4

Estimated Weight: 343

1:50

SHEET 2 OF 2



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Tel +44(0) 1291 620796
Fax +44(0) 1291 626490

www.reidlifting.com

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DRAWN	NAME	DATE	FINISH:
CHK'D	FS	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE:		General Arrangement of REID Lifting Pneumatic Porta-Gantry Size TC1 - 6000mm Beam WLL2000kg	
DWG NO.	PGSS02000TC1-PN-6000D	A4	
Estimated Weight:	385	1:50	SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45 mm at centre of span
- Maximum castor surface pressure at full load - 0.60 MPa
- Assembled gantry weight (excluding trolleys) - 385kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

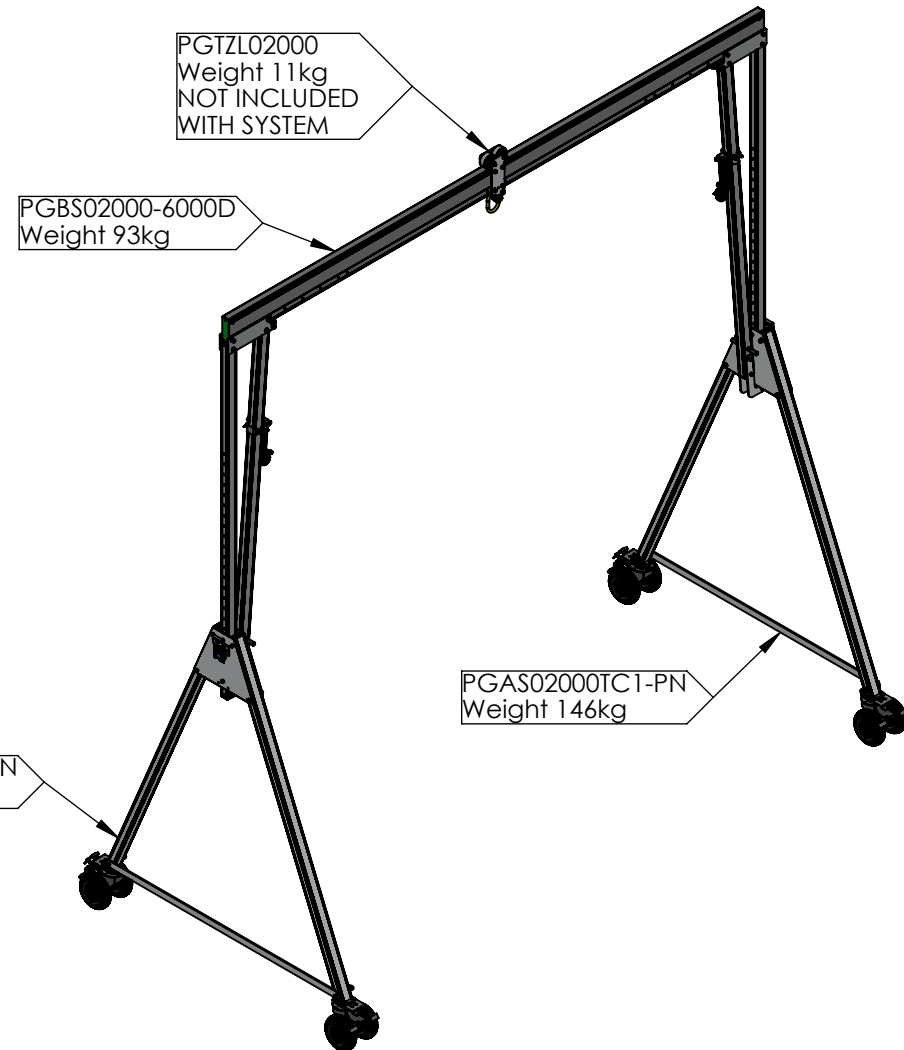
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Wyeview, Newhouse Farm Ind. Est.,
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Tel +44(0)1291 620796
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
6000mm Beam WLL2000kg

DWG NO.

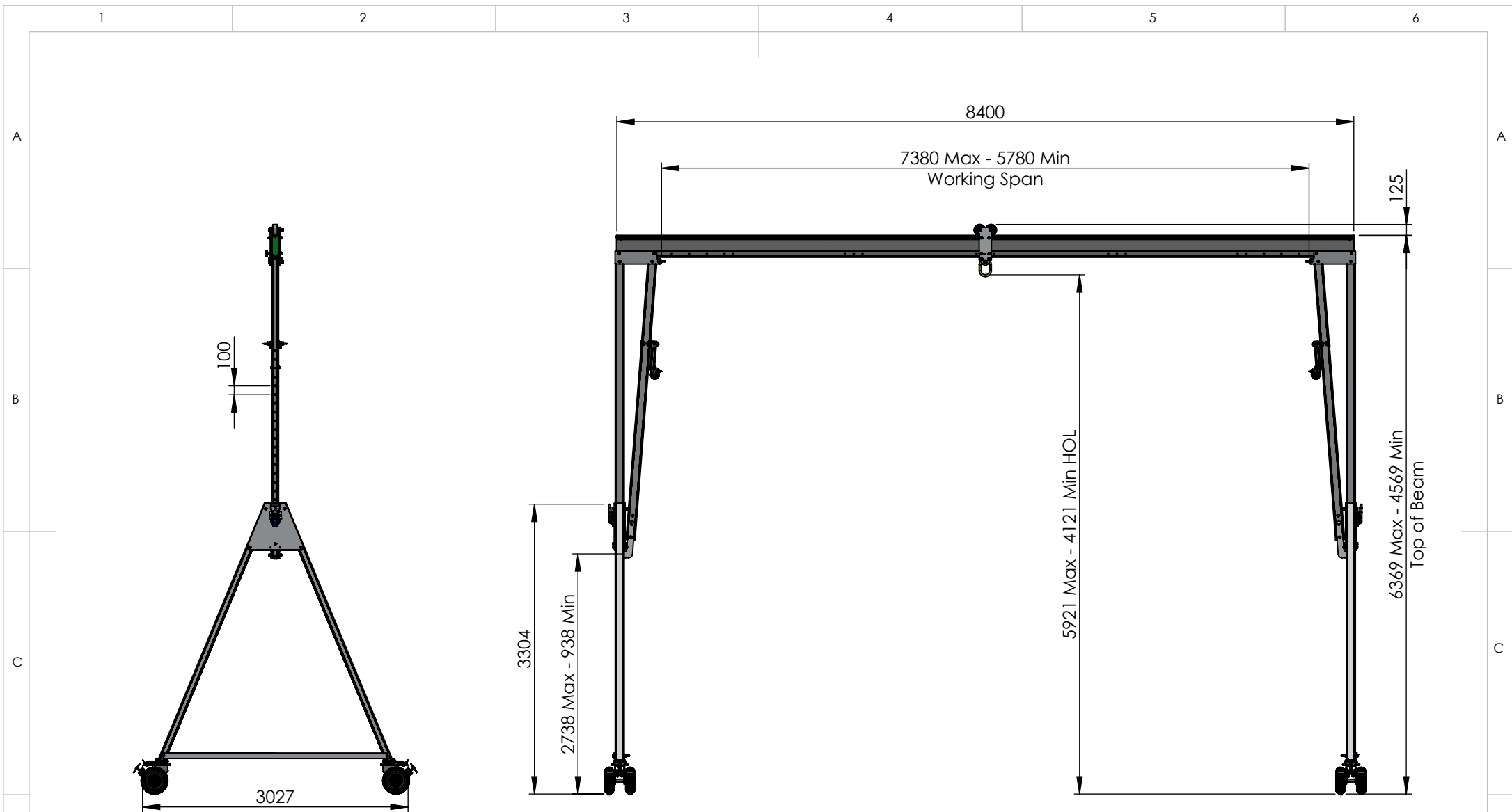
PGSS02000TC1-PN-6000D

A4

Estimated Weight: 385

1:60

SHEET 2 OF 2



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Chepstow, Monmouthshire.
NP16 6UD, UK

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Fax +44(0) 1291 626490

www.reidlifting.com

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CHK'D	FS	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
8400mm Beam WLL2000kg

DWG NO.

PGSS02000TC1-PN-8400D

A4

Estimated Weight: 422

1:60

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 80-90 mm at centre of span
- Maximum castor surface pressure at full load - 0.61 MPa
- Assembled gantry weight (excluding trollies) - 422kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment

PGTZL02000
Weight 11kg
NOT INCLUDED
WITH SYSTEM

PGBS02000-8400D
Weight 130kg

PGAS02000TC1-PN
Weight 146kg

PGAS02000TC1-PN
Weight 146kg

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NP16 6UD, UK
Tel +44(0)1291 620796
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC1 -
8400mm Beam WLL2000kg

DWG NO.

PGSS02000TC1-PN-8400D

A4

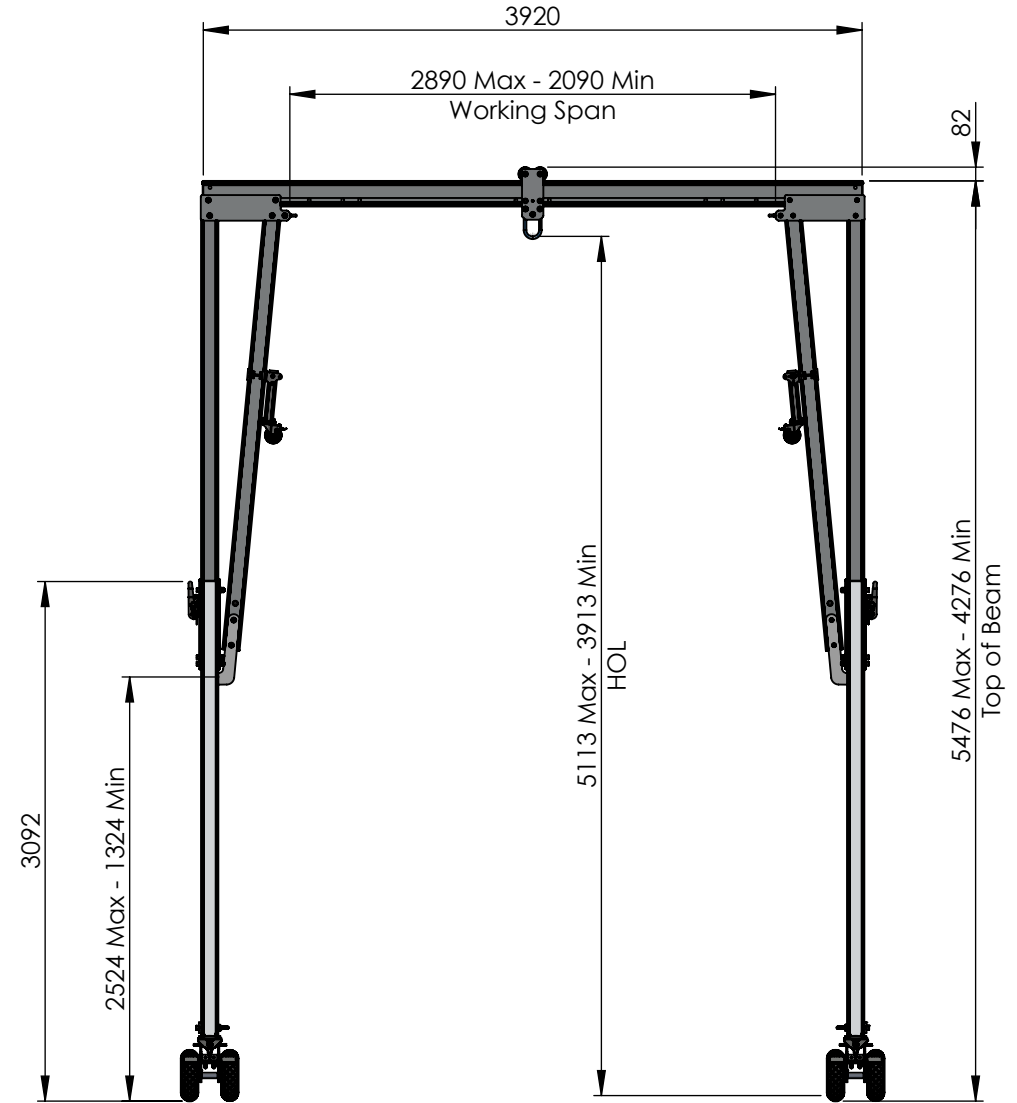
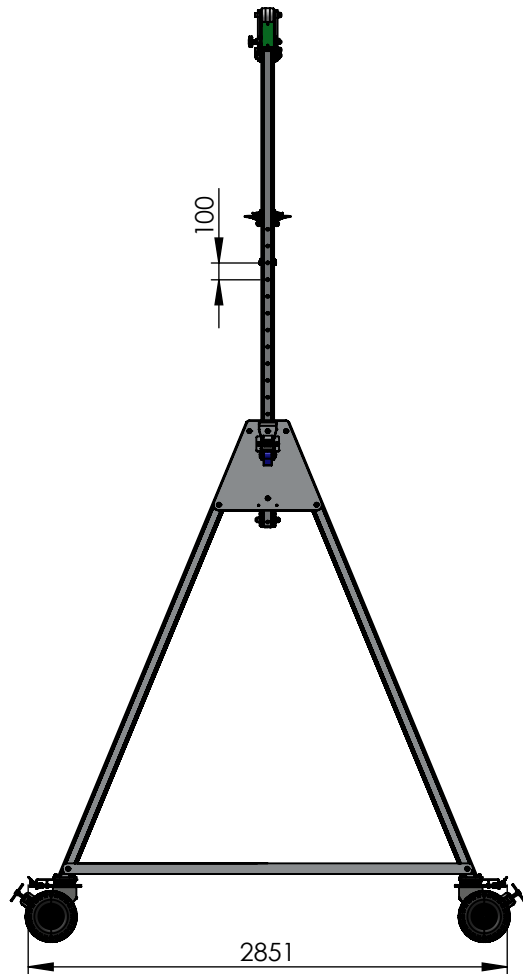
Estimated Weight: 422

1:60

SHEET 2 OF 2



To ensure the stability of the struture, the working span of the beam must be equal to or greater than the distance between castors on the A-frame



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APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
3920mm Beam WLL2000kg

DWG NO.

PGSS02000TC3-PN-3920A

A4

Estimated Weight: 299

1:45

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.58 MPa
- Assembled gantry weight (excluding trollies) - 299kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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NP16 6UD, UK
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Fax: +44(0)1291 626490

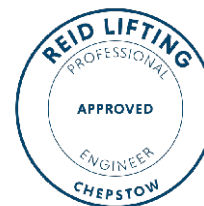
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	NAME	DATE
DRAWN	MH	23/03/2023
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
3920mm Beam WLL2000kg

DWG NO.

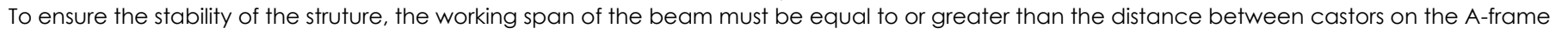
PGSS02000TC3-PN-3920A

A4

Estimated Weight: 299

1:50

SHEET 2 OF 2



General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 50-60mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trolleys) - 303kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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Reid Lifting Limited. Unit 1
Wyeview, Newhouse Farm Ind. Est.,
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NP16 6UD, UK
Tel +44(0)1291 620796
Fax: +44(0)1291 626490

enquiries@reidlifting.com

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CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
4570mm Beam WLL2000kg

DWG NO.

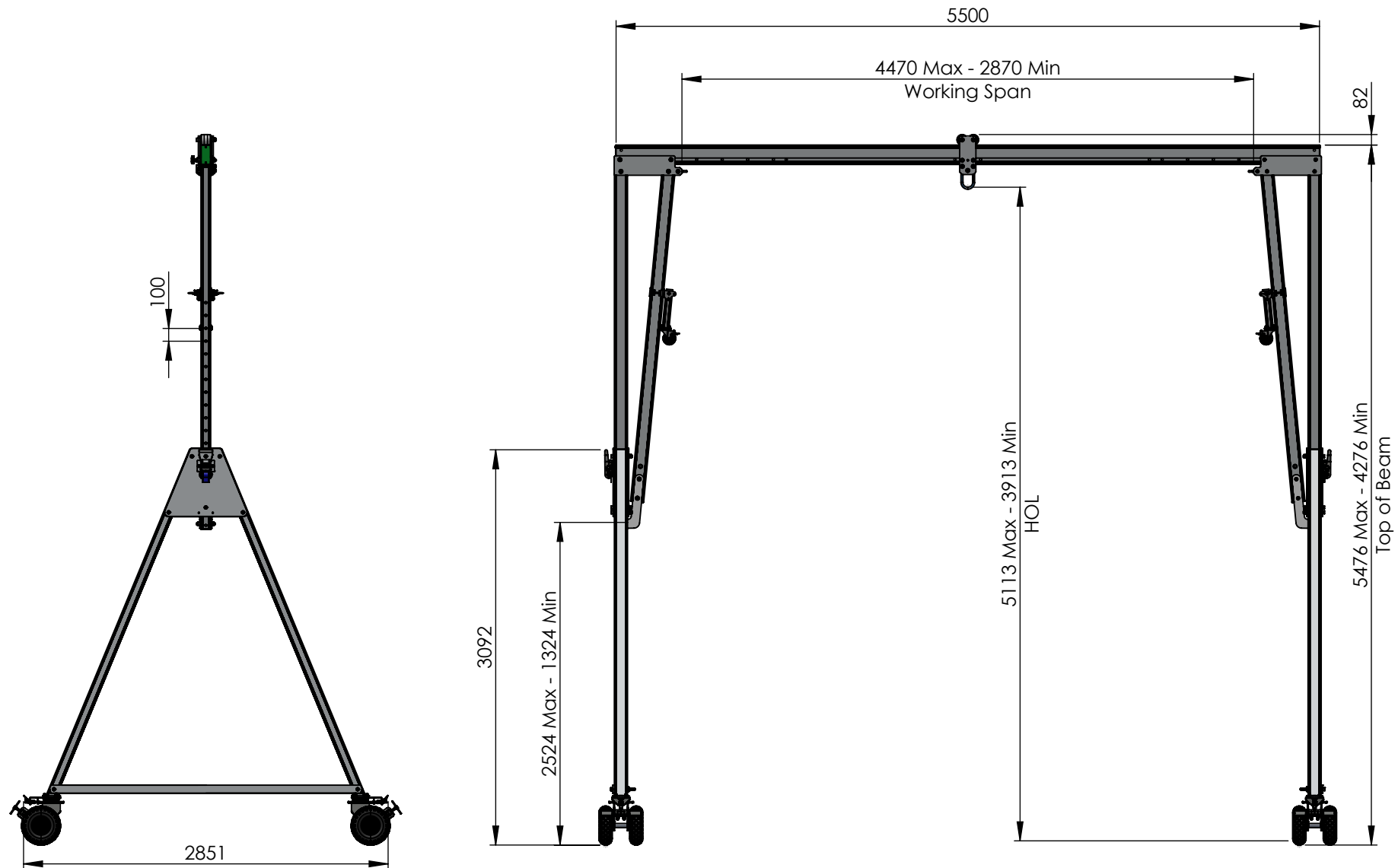
PGSS02000TC3-PN-4570A

A4

Estimated Weight: 303

1:50

SHEET 2 OF 2



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Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0) 1291 620796
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DRAWN	NAME	DATE	FINISH:
CHK'D	MH	31/03/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
5500mm Beam WLL2000kg

DWG NO.

PGSS02000TC3-PN-5500B

A4

Estimated Weight: 321

1:45

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 65-75mm at centre of span
- Maximum castor surface pressure at full load - 0.59 MPa
- Assembled gantry weight (excluding trolleys) - 321kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

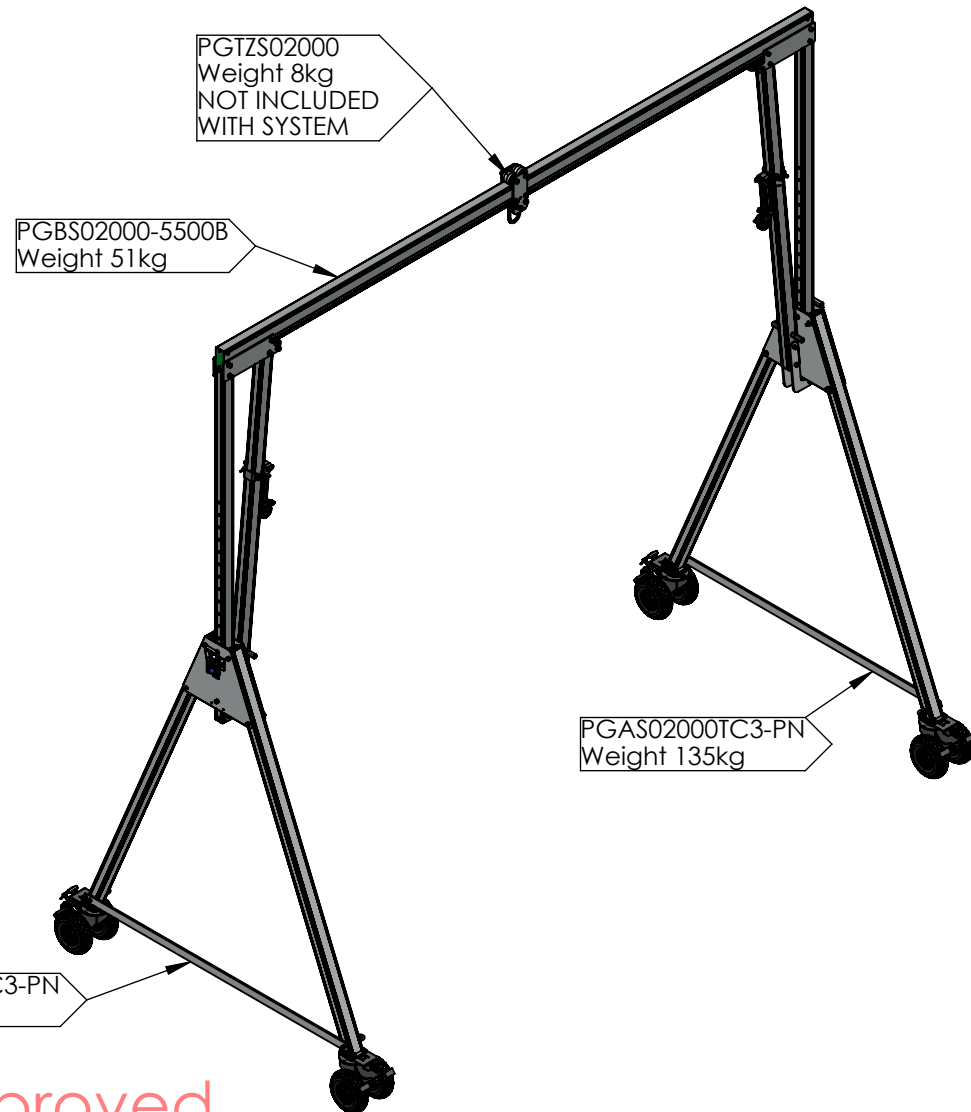
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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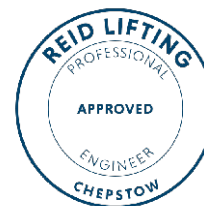
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
5500mm Beam WLL2000kg

DWG NO.

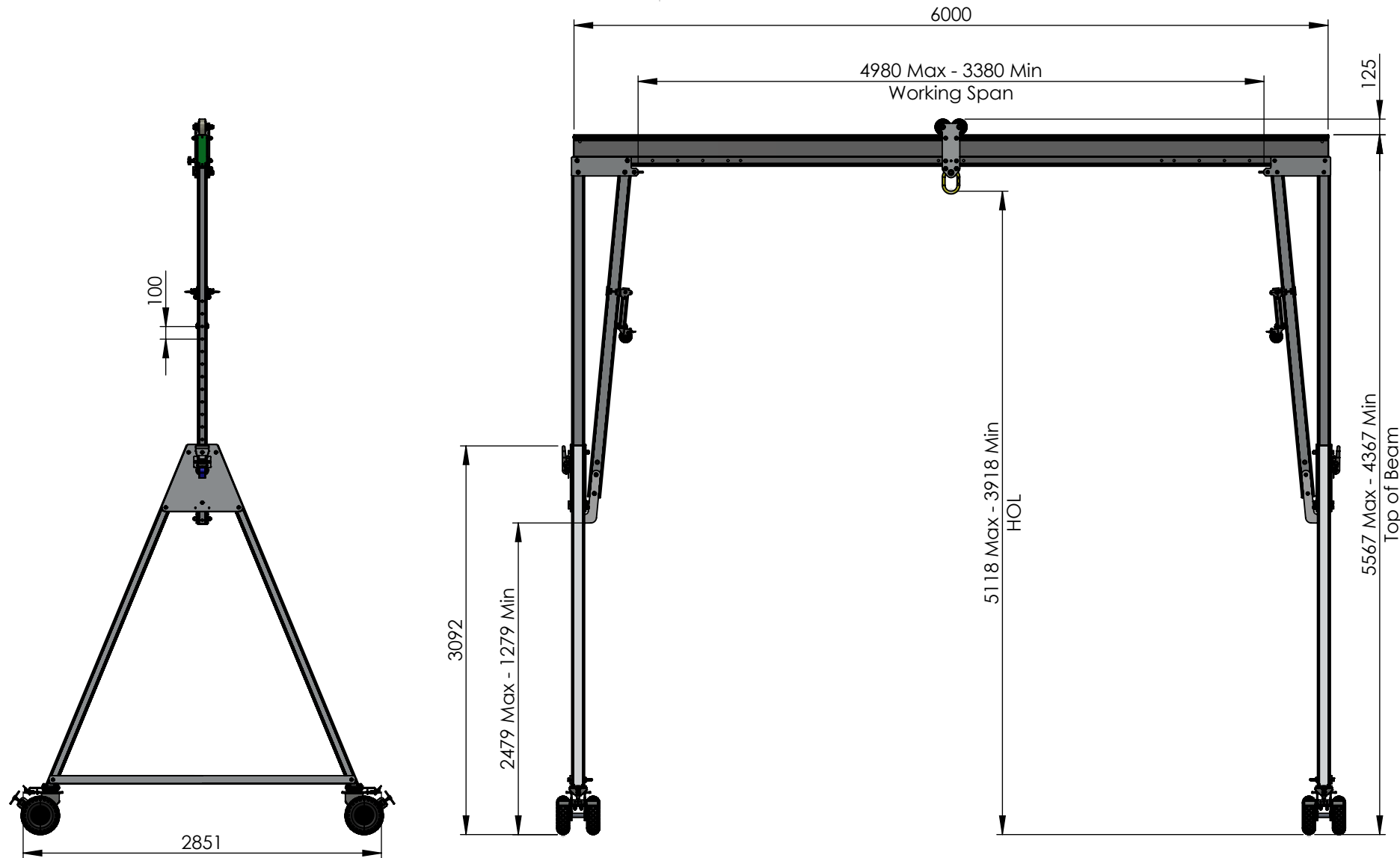
PGSS02000TC3-PN-5500B

A4

Estimated Weight: 321

1:50

SHEET 2 OF 2



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Chepstow, Monmouthshire.
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Fax +44(0) 1291 626490

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DRAWN	NAME	DATE	FINISH:
CHK'D	MH	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
6000mm Beam WLL2000kg

DWG NO.

PGSS02000TC3-PN-6000D

A4

Estimated Weight: 363

1:45

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 35-45mm at centre of span
- Maximum castor surface pressure at full load - 0.60 MPa
- Assembled gantry weight (excluding trolleys) - 363kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

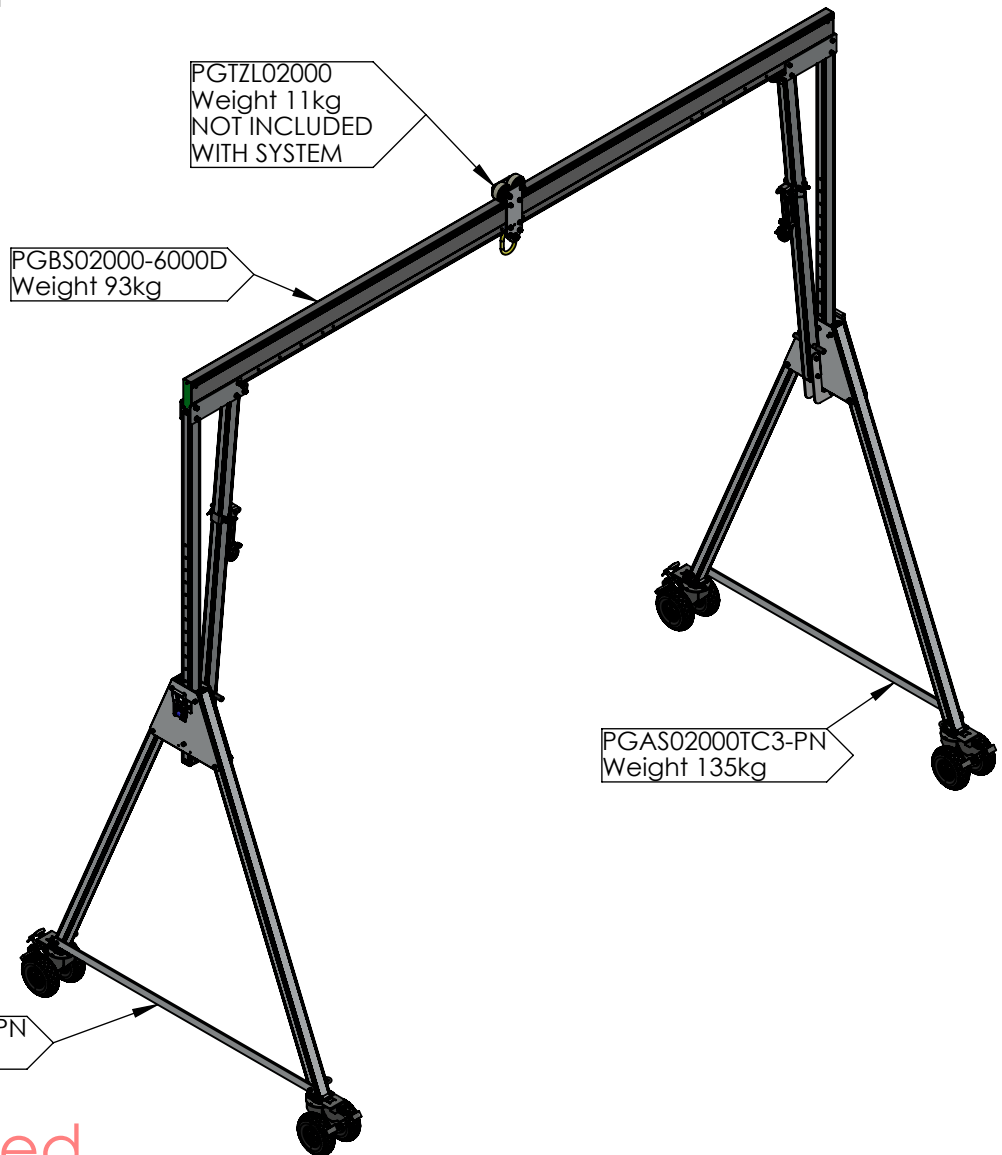
- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12:9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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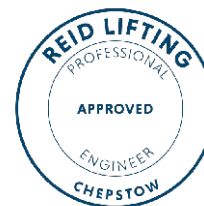
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
6000mm Beam WLL2000kg

DWG NO.

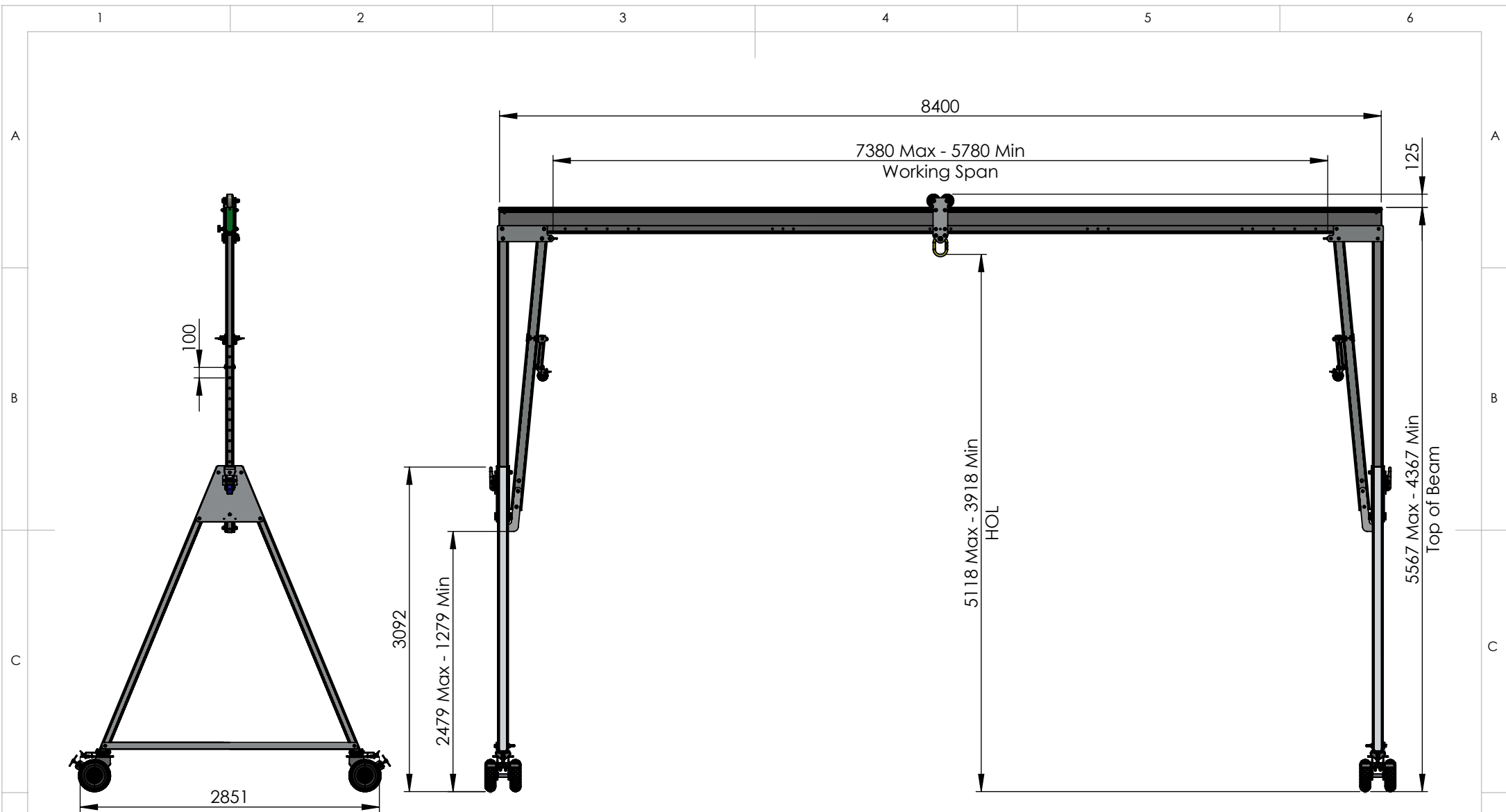
PGSS02000TC3-PN-6000D

A4

Estimated Weight: 363

1:50

SHEET 2 OF 2



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DRAWN	NAME	DATE	FINISH:
CHK'D	MH	03/04/2023	Anodised
APPV'D	CM	19/04/2023	MATERIAL: Aluminium Alloy
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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
8400mm Beam WLL2000kg

DWG NO.

PGSS02000TC3-PN-8400D

A4

Estimated Weight: 400

1:50

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 2000kg
- Beam and castor deflection at maximum rated capacity of 2000kg - 80-90mm at centre of span
- Maximum castor surface pressure at full load - 0.61 MPa
- Assembled gantry weight (excluding trollies) - 400kg
- All welding to BS EN ISO 15614-2: 2005 by certified welders.
- For further details and assembly information refer to Operations and Maintenance Manual for Porta Gantry Product. (available at www.reidlifting.com)

Materials & Finishes

- Frame and beam - 6082-T6 Aluminium alloy. Anodised.
- Castors - Steel. Bright Zinc Plated.
- Castor Wheels & Rollers - Rubber & Polyurethane
- Fixings - Steel. Grade 12.9. Bright Zinc Plated.

Additional Information

- Operating pressure for tyres - 108 psi (7.5 bar).

Main Features

- Shackled cheek plates
- Assembly aid
- Additional height adjustment increments
- Ratchet height adjustment



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REVISION

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Reid Lifting Limited. Unit 1
Wyeview, Newhouse Farm Ind. Est.,
Chepstow, Monmouthshire.
NP16 6UD, UK
Tel +44(0)1291 620796
Fax: +44(0)1291 626490

www.reidlifting.com

enquiries@reidlifting.com

	NAME	DATE
DRAWN	MH	03/04/2023
CHK'D		
APPV'D	CM	19/04/2023

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TITLE: General Arrangement of REID Lifting
Pneumatic Porta-Gantry Size TC3 -
8400mm Beam WLL2000kg

DWG NO.

PGSS02000TC3-PN-8400D

A4

Estimated Weight: 400

1:60

SHEET 2 OF 2