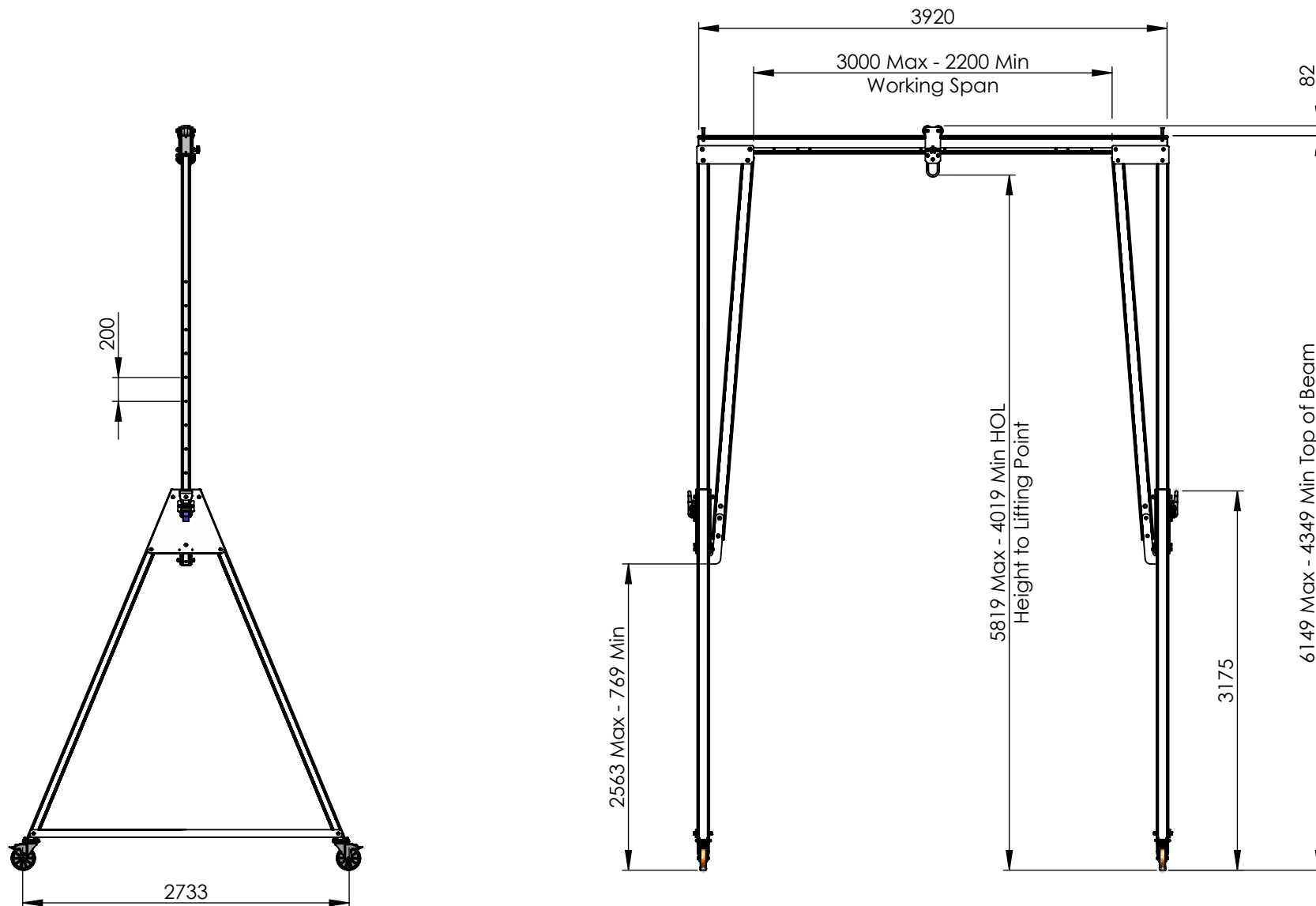




To ensure stability of the structure, the working span of the beam must be equal to or greater than the distance between the castors on the A-Frame



DO NOT SCALE DRAWING

REVISION

03

REID
LIFTING

www.reidlifting.com

Reid Lifting Limited. Unit 1
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Chepstow, Monmouthshire.
NP16 6UD, UK

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

enquiries@reidlifting.com

	NAME	DATE	FINISH:
DRAWN	BJ	30/10/2020	Anodised
CHK'D			
APPV'D	CM	09/03/2023	MATERIAL: Aluminium Alloy
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS			



TITLE: **General Arrangement of REID
Lifting Porta-Gantry Size TC1
3920mm Beam WLL500kg**

DWG NO.

PGSS00500TC1-3920A

A4

Estimated Weight: 233kg

1:50

SHEET 1 OF 2

General Specification

- Maximum rated capacity for goods lifting - 500kg
- Maximum rated capacity for personnel lifting - 250kg
- Beam deflection at maximum rated capacity of 500kg - between 5-10 mm at centre of span
- Maximum castor surface pressure at full load - 13.7 MPa
- Assembled gantry weight (excluding trolleys) - 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)

Fall Protection Standards

- Certified to EN795:2012 Type B & supplied under PPE Regulation 2016/425
- Notified Body Witness tested to the requirements of PD CEN/TS16415:2013 for 3 persons
- Exceeds the requirements of IRATA ICOP & BS7985 (15kN MBL)
- Tested to and meets the requirements of ANSI Z359.18.2017 for 2 persons.

Materials & Finishes

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

Note: Master Link Trolleys shown in system as a reference



Approved

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SHEET 2 OF 2