

# GANTRY *ALU*



---

## TECHNICAL GUIDE

---

PGAF 1 - 2 - 3

PGAW 1 - 2 - 3

**EUROCRANE**  
— AUSTRALIA P/L —

## Contents

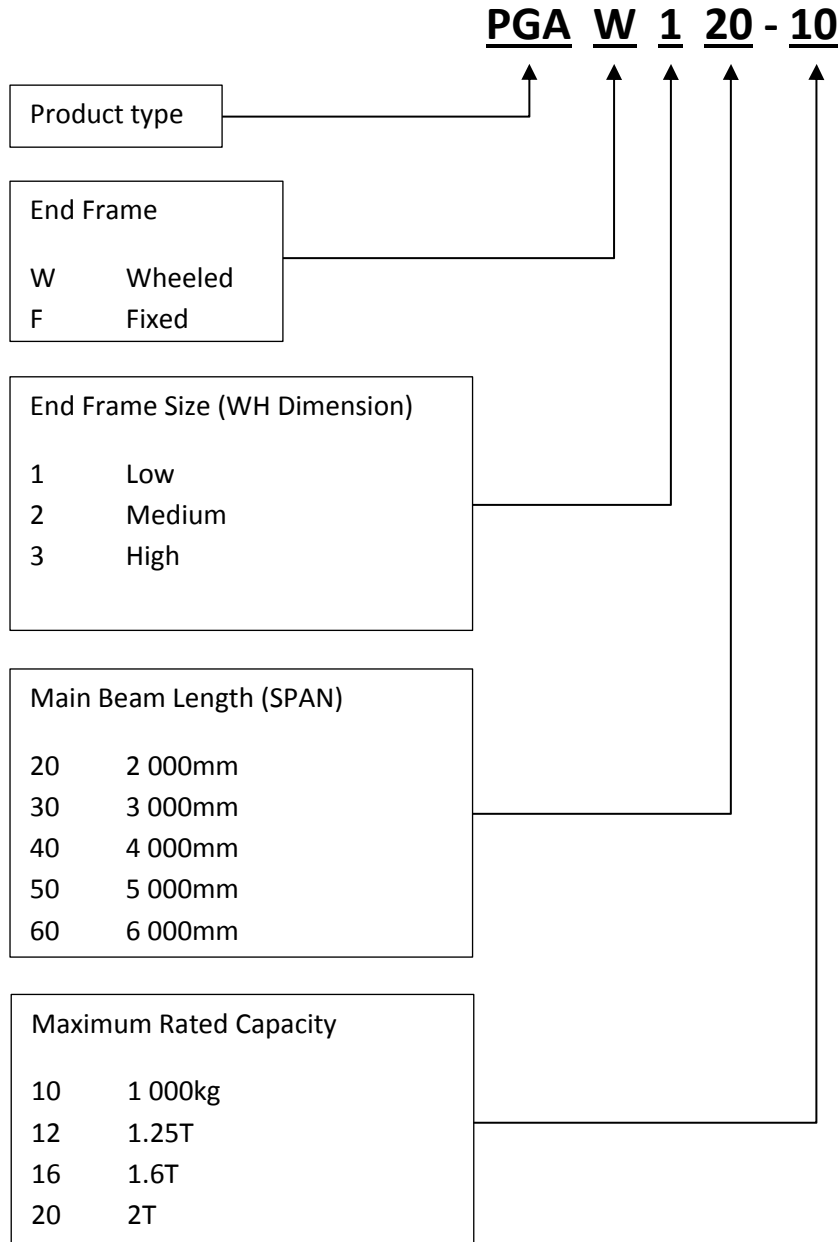
1. GENERAL .....	3
2. MODEL IDENTIFICATION .....	3
3. IDENTIFYING KEY PARTS OF THE GANTRY CRANE.....	4
4. STANDARD FEATURES .....	5
5. CERTIFICATION.....	5
6. STRUCTURE .....	5
7. DIMENSIONS .....	6
<i>PGAW</i> .....	6
<i>PGAF</i> .....	7

**1. GENERAL**

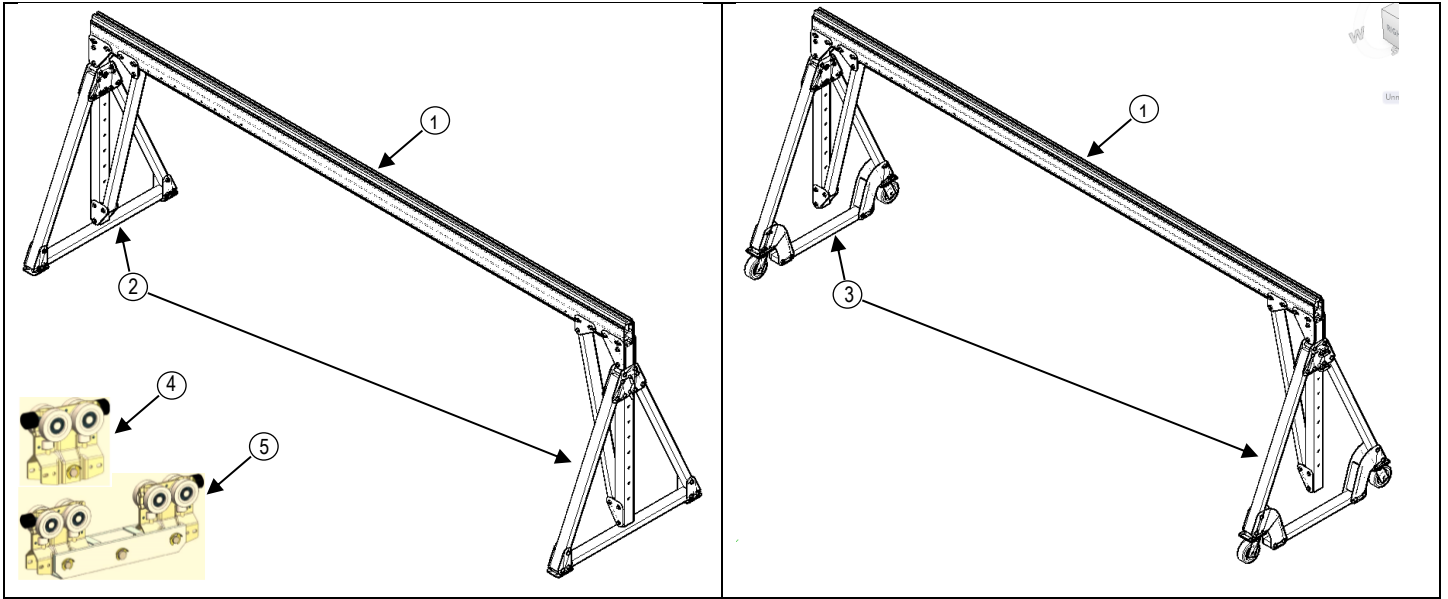
The Eurocrane Gantry ALU range of portable gantry cranes are light weight, portable, foldable and easy adjustable to suit a wide variety of loads and applications.

The PGAF is for static applications while the PGAW is movable.

**2. MODEL IDENTIFICATION**



**3. IDENTIFYING KEY PARTS OF THE GANTRY CRANE**



Item	Part	Description
1	Main beam	AL10/AL14 Extrusion
2	PGAF end frames	Main beam supporting structure and bracing for static applications
3	PGAW end frames	Main beam supporting structure and bracing for mobile applications
4	Single trolley	1.25T manual trolley
5	Double Trolley	2T manual trolley

#### **4. STANDARD FEATURES**

- Corrosion resistant aluminium construction
- Assembled with bolts and quick release fittings
- Main beam constructed using Eurosystem AL10/AL14 aluminium extrusion
- Beam height can be easily adjusted in 150mm increments
- End frame span can be easily adjusted in 150mm increments
- Disassembles and folds up into 3 pieces for convenient transportation and storage
- Setting up the PGAF/PGAW gantry cranes will take approximately 30 minutes and will require two people for the PGAF/PGAW 1 and three people for the PGAF/PGAW 2&3

#### **5. CERTIFICATION**

The PGAF/PGAW gantry crane have been designed and tested in accordance with AS1418.1 & AS3990.

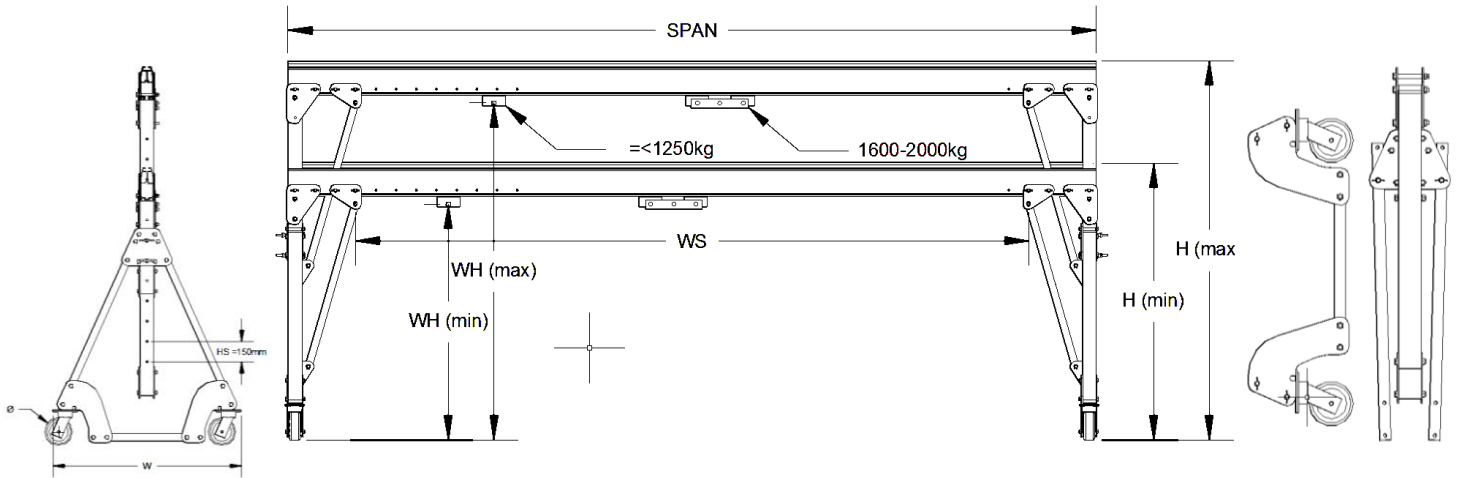
#### **6. STRUCTURE**

Structure: Structural grade aluminium 6082, 6060, 5083

Fasteners: High tensile zinc plated bolts

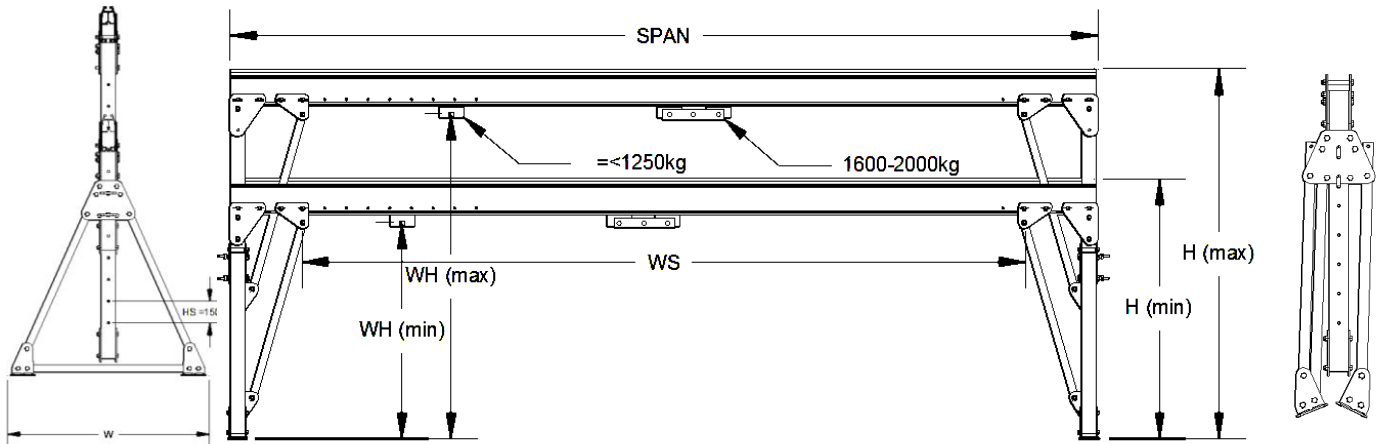
**7. DIMENSIONS**

**PGAW**



Capacity	SPAN	W	WS	WH (min)	WH (max)	H (min)	H (max)	Ø	Approx Weight
1T	2000	(PGAW1) 1391mm	(PGAW1) SPAN- 1016mm	(PGAW1) 1752mm	(PGAW1) 2502mm	WH (min) +271mm	WH (max) +271mm	200mm	145
	2500								155
	3000								165
	3500								175
	4000					185			
	4500					233			
	5000					247			
	5500					261			
6000	275								
1.25T	2000	(PGAW2) 1660mm	(PGAW2) SPAN- 1016mm	(PGAW2) 2054mm	(PGAW2) 3104mm	WH (min) +271mm	WH (max) +271mm		150
	2500								161
	3000					171			
	3500					182			
	4000					219			
	4500					240			
1.6T	2000	(PGAW3) 2062mm	(PGAW3) SPAN- 1316mm	(PGAW3) 2502mm	(PGAW3) 3852mm	WH (min) +271mm	WH (max) +271mm		159
	2500							170	
	3000					199			
	3500					213			
2T	4000	227							
	2000	179							
	2500	193							
3000	214								
Capacity	SPAN	W	WS	WH (min)	WH (max)	H (min)	H (max)	Ø	Approx Weight
1T	2000	(PGAW3) 2062mm	(PGAW3) SPAN- 1316mm	(PGAW3) 2502mm	(PGAW3) 3852mm	WH (min) +271mm	WH (max) +271mm	200mm	163
	2500								173
	3000								183
	3500								193
	4000					203			
	4500					250			
	5000					264			
	5500					278			
6000	292								
1.25T	2000	(PGAW3) 2062mm	(PGAW3) SPAN- 1316mm	(PGAW3) 2502mm	(PGAW3) 3852mm	WH (min) +271mm	WH (max) +271mm		166
	2500								179
	3000					190			
	3500					200			
	4000					236			
	4500					259			
5000	274								

**PGAF**



Capacity	SPAN	W	WS	WH (min)	WH (max)	H (min)	H (max)	Weight
1T	2000	(PGAF1) 1351mm	(PGAF1) SPAN- 1016mm	(PGAF1) 1495mm	(PGAF1) 2245mm	WH (min) +271mm	WH (max) +271mm	107
	2500							117
	3000							127
	3500							137
	4000							147
	4500							194
	5000							208
	5500							222
1.25T	6000	(PGAF2) 1610mm	(PGAF2) SPAN- 1016mm	(PGAF2) 1795mm	(PGAF2) 2845mm	WH (min) +306mm	WH (max) +306mm	236
	2000							111
	2500							122
	3000							132
	3500							143
	4000							180
1.6T	4500	(PGAF3) 2022mm	(PGAF3) SPAN- 1616mm	(PGAF3) 1945mm	(PGAF3) 3295mm	WH (min) +306mm	WH (max) +306mm	202
	5000							216
	2000							120
	2500							131
	3000							160
2T	3500	WH (min) +306mm	WH (max) +306mm	WH (min) +306mm	WH (max) +306mm	WH (min) +306mm	WH (max) +306mm	174
	4000							188
	2000							132
	2500							146
3000	167							