



 **PORTAGANTRY**[®]
Load Bearing Pneumatic Castor Model

This product is patented

US REIDLIFTING.COM

Our **PORTAGANTRY**® featuring load bearing Pneumatic Castors with air filled tyres offers a quality solution for customers that need to set up and locate their lifting solution on rough terrain, or on roof tops where a standard castor may otherwise cause damage to the surface material. Additionally, the gantry permits movement under load in many scenarios which is made possible by high quality directional locking castors and overall robust gantry design.

Key features

- › Directional locking dual wheel castors with integrated brakes
- › Tyres are air filled
- › Integrated lifting points and wheel on the frames to support safe raise and lower of the gantry with mechanical advantage
- › Integrated shackled cheek plates to enable safe load traversing along the beam
- › Integrated ratchet raise and lower system for height adjustment
- › Height adjustments at 4" (100mm) increments
- › Beam adjustment points to enable adjustment of the span to suit site conditions
- › Ability to be able to interchange frames for maximum utilisation and freedom to achieve even the most challenging of lifting tasks

Configurations

The **PORTAGANTRY**™ featuring load bearing Pneumatic Castors is available in a range of configurations and can be customised in line with specific requirements (subject to WLL rating).

The **PORTAGANTRY**™ featuring load bearing Pneumatic Castors has the ability to be moved under load. (Subject to detailed instruction and supervision by a competent person).



**4400-6600LB
CAPACITY**



**1-4 PERSON
ASSEMBLY**



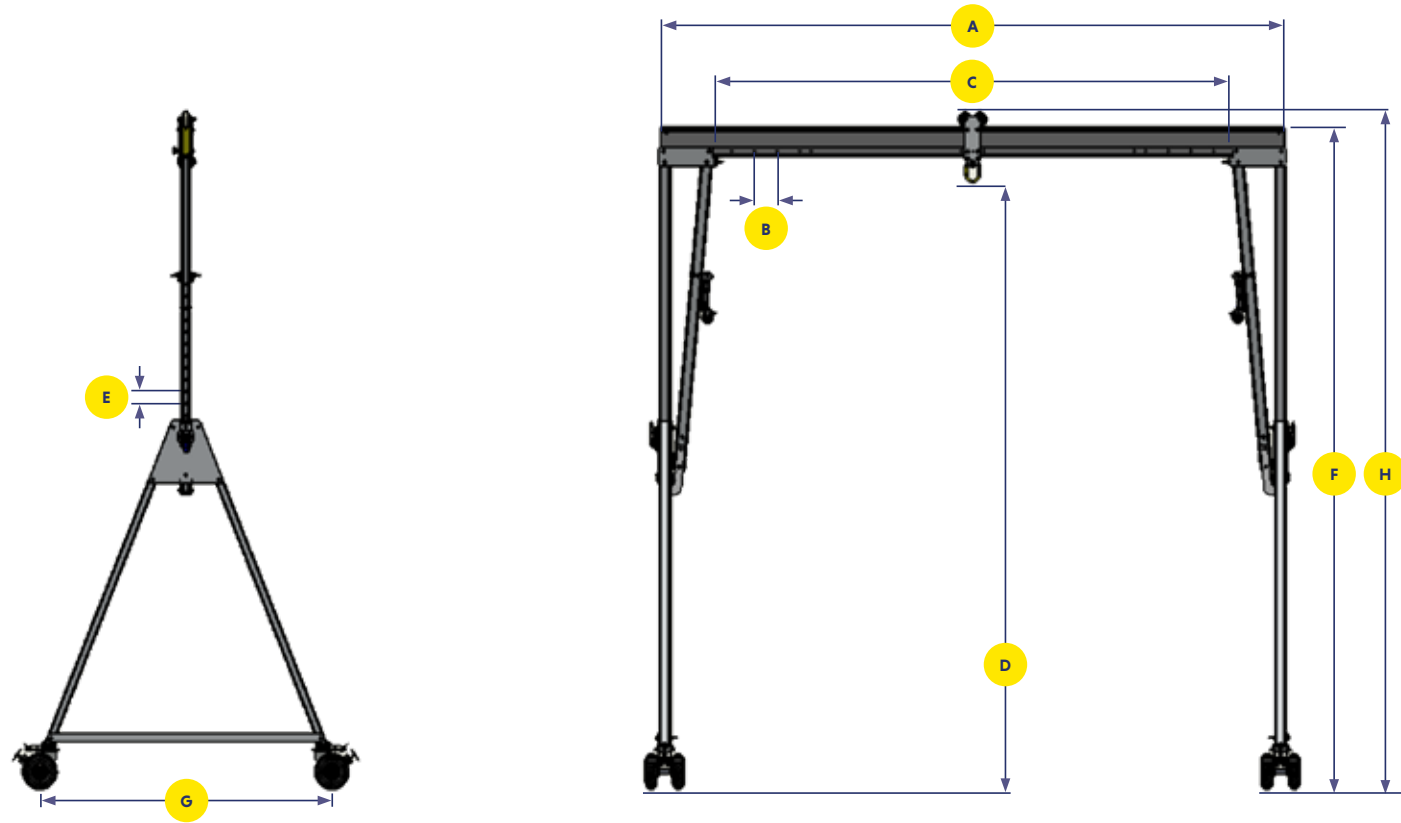
**198-648LB
FLAT PACK**

Features & Performance

	4400	6600
Capacity		
Maximum Goods Lifting [lb]	4400	6600
Dimensions		
Minimum Height of Lift [in]	7' 6¾"	7' 6¾"
Maximum Height of Lift [in]	19' 5"	18' 6½"
Minimum working Span [in]	6' 10¼"	6' 10¼"
Maximum working Span [in]	24' 2¼"	24' 2¼"
Trolley Options		
Standard	✓	✓
Gated	✓	✓
Close Coupled	✓	✓
Integrated Hoist	✓	×
Standard Features		
Ratchet Height Adjustment	✓	✓
Mechanical aid Assembly	✓	✓
Shackled cheek plate	✓	✓
Additional height adjustment	✓	✓
Finishes		
Anodised	✓	✓
316SS Fixings	Optional	Optional

The above features are incorporated in order to ensure maximum utilisation potential of this hybrid gantry solution and therefore maximise return on investment for the user. The gantry will not be rated as a fall protection product and is for material lifting only. For this reason castors cannot be retro-fitted to existing gantry frames.

- A** Beam length
- B** Beam adjustment
- C** Clear operating span
- D** Height to lifting eye
- E** Height increment
- F** Height to top of beam
- G** Width
- H** Height to top of roller



Standard Beam Length A (in) (Clear Operating Span C = A - 40½")

	10	13	15	18	19	27
A (in)	9'10"	12' 10"	15'	18' ½"	19' 8½"	27' 6½"
C min (in)	5'1¾"	6' 10¼"	6' 4½"	9' 5"	11' ¾"	18' 11¾"
C max (in)	6'5½"	9' 5¾"	11' 7¼"	14' 8"	16' 3¾"	24' 2¼"
4400	49	64	75	114	205	286
6600	49	81	95	187	205	286

Weight of Beams [lb]

*Clear operating span for D section beams is C = A - 40"
To ensure stability of the structure, the operating span of the beam must be equal to or greater than the distance between the castors on the A-Frame.

Dimensions [in]

Frame size [Product Code]	Dmax	E	Dmin	Fmax	Hmax	Hmin	G	A frame weight (lb)	Trolley roller size	Castor dimension
	Height to lifting eye	Height increment	Height to lifting eye	Height to top of the beam	Height to top of the roller	Height to top of the roller	Width			
US-PGAS04400I-PN	10' 10¼"	10 x 4"	7' 6¾"	11' 11¼"	12' 2½"	8' 11"	6' 8"	207	¾"	1' ½"
US-PGAS04400TC1-PN	19' 5"	18 x 4"	13' 6"	20' 7¼"	20' 10½"	14' 11½"	9' 11¼"	321	¾"	1' ½"
US-PGAS04400TC3-PN	16' 9¼"	12 x 4"	12' 10"	17' 11½"	18' 2¾"	14' 3½"	9' 4¼"	297	¾"	1' ½"
US-PGAS04400T-PN	13' 9¼"	12 x 4"	9' 10"	14' 10¼"	15' 1½"	11' 2¼"	7' ¼"	220	¾"	1' ½"
US-PGAS06600I-PN	10' 10¼"	12 x 4"	7' 6¾"	11' 11¼"	12' 2½"	8' 11"	6' 8"	257	¾"	1' ½"
US-PGAS06600TC2-PN	18' 6¼"	16 x 4"	13' 3¼"	19' 7¼"	19' 10½"	14' 7½"	9' 11¼"	310	¾"	1' ½"
US-PGAS06600TC3-PN	16' 9¼"	12 x 4"	12' 10"	17' 11½"	18' 2¾"	14' 3½"	9' 4¼"	297	¾"	1' ½"
US-PGAS06600T-PN	13' 9¼"	12 x 4"	9' 10"	14' 10¼"	15' 1½"	11' 2¼"	7' ¼"	284	¾"	1' ½"

Dimensions use standard Master Link Trolley, other options available to increase resulting height of lift (HoL) and to assist with load movement.

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