



Wagga Iron

"Light Columns" Pro-Forma

Create your own Column using the Column Design Pro-Forma

The Wagga Iron Foundry now offers you the ability to create your own personalised design from our extensive range of pattern elements. These include a range of Shafts, Capitals, Bases both long and short, Imposts with decorative Decals and baluster knots for handrail attachment.

Over the years The Wagga Iron Foundry has been involved in Heritage restoration projects involving the manufacture of pattern reproductions to match existing plans or existing columns. If you have to reproduce any exclusive pattern work we will consult with you regarding our ability to supply.

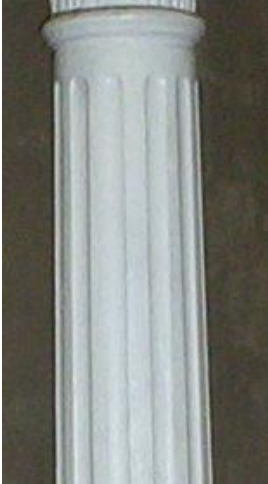
Please note:

- All column Shafts whether plain or fluted are tapered
- Imposts are available with Cap and / or Lugs
- All pattern work for a cast iron column is prepared on a pattern board as to the length measurements specified by the Customer / Builder / Architect.
- All components are cast in one operation.
- In order to achieve any height differences due to inconsistencies in the site elevation, the base pattern slides over the shaft so small adjustments can be catered for. All other components are fixed onto the pattern board.
- Custom designs for bases, capitals are available if an original is supplied in order that a pattern can be created at the customer's expense. Imposts are custom made if required.
- Light columns are currently made solid, the base is hollow.
- The base can be fixed internally using a concealed collared base plate or external lugs
- All castings are primed with a quality etch primer

Ref No	Column Style/ size	Height above floor		Shaft Dia mm		Max shaft length	Impost width	Est. weight	
		Total	to Capital	top	base			note	kg/m
	Round.					mm	mm		
	Fluted/plain								
1	Med	as given overleaf		110	124	2700	90	cored	36
2	Heavy	"	"	124	165	2700	100-120	cored	58
3	Light	"	"	90	102	2700	75-80	solid	54

Light Column Options

OPTIONS: SHAFT



1. Fluted Shaft

<u>Fluted Shafts</u>	<u>Base Dia</u>	<u>Top Dia</u>	<u>Length</u>
Light	105	90	2750



2. Plain Shaft

<u>Plain Shafts</u>	<u>Base Dia</u>	<u>Top Dia</u>	<u>Length mm</u>
Light	103	90	2750



Option 1 - Grape Vine

Grape Vine double twist for Light plain column only

Max length

1270 mm

Bases

13A
16A



BASES: All bases suit Plain and Fluted Light shafts



6A Short Octagonal base – Light Column

Diameter	Base width	Overall Ht
102 mm	170	230



13A Long Octagonal base – Light Column

Diameter	Base Width	Overall Ht
95 mm	165 mm	930 mm



16 A Long Octagonal base – Light Column

Diameter	Base width	Overall ht
100 mm	170 mm	930 mm

CAPITALS:

Corinthian and Doric Capitals: suit plain or fluted shafts



4A Corinthian Capital for Light Shaft		
Diameter	Height	Width
85 mm	185 mm	215 x 215 mm



6A Corinthian Capital for Light Shaft (separate collar included)		
Diameter	Height	Width
95 mm	170 mm	160 x 160 mm



8A Corinthian Capital for Light Shaft		
Diameter	Height	Width
95 mm	170 mm	165 x 165 mm



11A Corinthian Capital for CUSTOM Light Shaft		
Diameter	Height	Width
110 mm	175 mm	210 x 210 mm



16 A DORIC Capital for Light Shaft		
Diameter	Height	Width
90 mm	145 mm	165 x 165 mm

IMPOSTS :

Imposts are the long square section that extends above the Capital to attach the Frieze corner brackets. Imposts can be finished with a Cap or Lugs. See photo below Rt side.

Impost Styles: are approximately 70 x 70 mm square x Length required

Impost Styles:



1

**Square Impost
With beveled cap
(Decal No. 3)**



2

**Square Impost with
Chamfered edges &
Plain cap**



3

**Impost with Lugs
And no Cap**



**Photo of Capital, Impost
and Frieze bracket**

Decal Strips:

Suitable for Light Imposts approx size 70 x 70mm x ht required to suit Frieze.
Decals can be set front and back, front or at right angles for corners on the Impost when casting the column.

Narrow decals designs suitable for Light Column Imposts



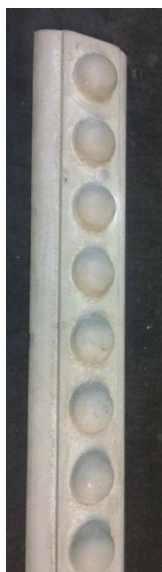
Decal No 1
Circle Weave
390 x 32 mm



Decal No 2
Narrow Small Pyramid
550 x 25 mm



Decal No 3
Narrow Intermittent
Small Pyramids
560 x 30 mm



Decal No 4
Intermittent Half Domes
725 x 42 mm



Decal No 5
Medium Pyramids
500 x 35 mm

Baluster Knots:

Baluster knots are suitable for plain or fluted shafts, for the attachment of hand rail fixtures to balcony rails. A Rosette is pinned on opposite sides of baluster knot.



Rosette detail

Eg: of baluster knot for
Attaching handrail



Baluster Knot No 2 with Rosette

90 x 130 x 130 mm

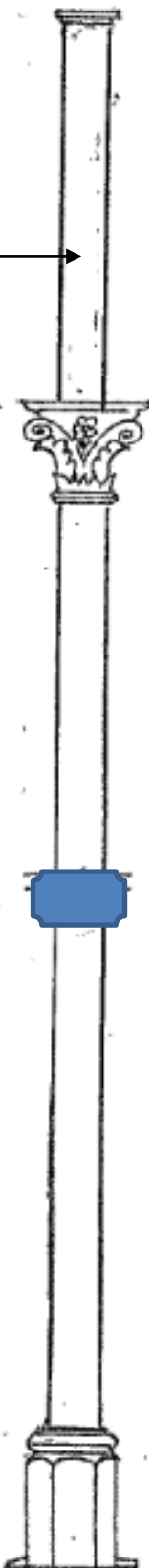



Baluster Knot No 3 with Rosette

130 x 130 x 130 mm

Customer Design selection sheet for Light Column

Just pick your style and start building to create your personalised column

Cap	→		Cap on Impost Y / N
Impost Style	→		Impost Style No:
Decal Design	→		Decal Style No:
Capital	→		Capital Style No:
Options Plain Shaft Grape Vine Twist Option 1			Specify Option If required
Baluster knot	→		Baluster Knot Y / N
Shaft	→		Plain OR Fluted
Base	→		Base Style No:
Lugs	→		Lugs Y / N OR Base Plate Y / N

Overall Ht of column =
Ht of Impost mm =
Qty required =

Dear Customer,

Once you have made your selections for your column design please forward through a copy of your Selection Sheet. From there we have sufficient details to provide you with a quotation for your project. Feel free to contact us to discuss any design details or question arising from your selection. When your combination of pattern components has been decided upon we can lay out the pattern for your final approval of your column design.

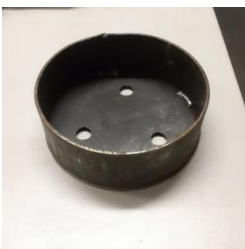
We have a pattern maker on site that can make custom length Imposts to suit your requirements if required. This is dependent on the height of the frieze panel if required. Please refer to our web catalogues for Friezes and Balusters.

Please, also discuss with our sales team the methods for fixing columns to veranda floors and bearers so that lugs can be cast on the column bases or Imposts if required. The foundry can supply a base plate (a discrete collared base plate) for securing the column in preference to lugs if required at a cost. See photo below.

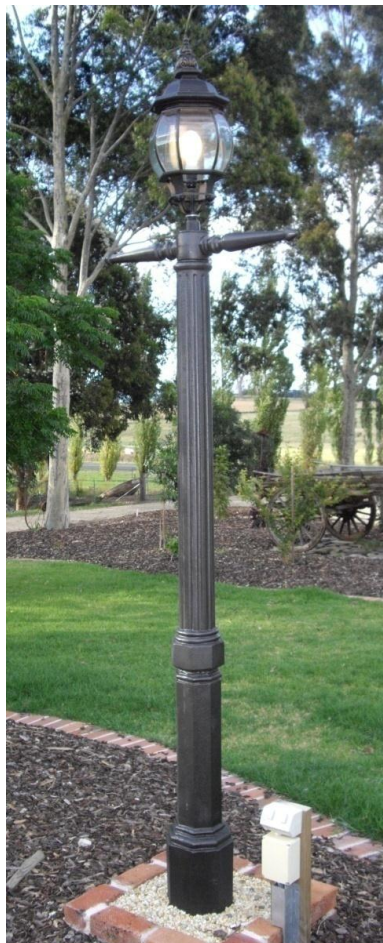
Regards
The Sales Team

Photo Collection:

Attachment of Frieze and Impost
with lugs to a corner post



Discrete Collared Base plate
for installation of the
Column base to the floor



Lamp post with ladder rack
Using a Medium Fluted
Column and 12A base



Med Column with
21A base in situ