### Steel and Stainless Steel Seating



M3 Straight Seats

Ollerton and Sineu Graff offer a variety of seating styles and options providing solutions for almost any individual requirement. Ollerton is renowned for style, quality and value. M3 Stainless Steel and Festival Steel Seating systems are possibly the most versatile and flexible available. The modularity of the systems enables seats and benches to be specified in a number of ways.

Sineu Graff's prestigious collection of European Street Furniture showcases steel and stainless steel seating, which facilitates the integration of designs into the most varied of settings. Steel products can be supplied in a range of RAL (high gloss) or Sable (matt textured) colours. The Sineu Graff street furniture is made of steel and stainless steel and can be found under the City and Urban ranges.

The design for the M3 and Festival seating systems is stylish and versatile. Straight and curved seats and benches can be designed to any length, any internal radii above 600mm and in any combination. M3 and Festival have been specified in circles, squares and sweeping serpentine curves to provide functional points to many designers' schemes.

Seats are produced in numerous standard designs, including straight and back to back seats, plus inward and outward facing curved seat segments and circular seats. Almost endless permutations are possible that can retain the strength, safety and vandal resistant features of the individual straight seats and benches.

SEAT09

Benches Seats

es Q50 220 Q50 225

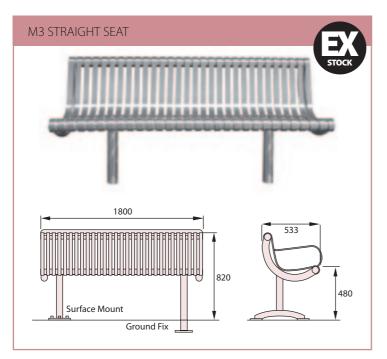
### Steel and Stainless Steel Seating

OLLERTON

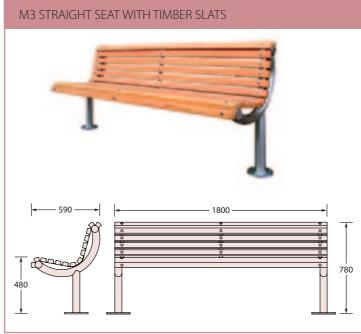




M3 Straight Seat, Selby



- Material: Manufactured from 316L grade stainless steel. The system is less prone to pitting and staining than those in lower grades and is more durable and low maintenance.
- **Seating Slats:** Standard gauge of steel in seating slat is 30mm wide x 5mm thick. This provides optimal strength so they will not bend, making the slats less prone to damage through vandalism.
  - Each slat is wrapped around the top and lower supporting tubes and welded at three points of contact. This ensures rigidity and strength in the structure making the seat less prone to vandals trying to prise away slats.
- Legs and Frame: Manufactured from a heavy gauge stainless steel tube 60.3mm diameter and 3mm wall thickness. Legs are continuous pieces, fully welded to the frame. This makes it extremely strong and ensures that it is difficult for it to be removed from the legs and therefore less likely to be stolen.
- Weight: A straight seat weighs 70kg.
- End Discs: Engraved discs are fully welded to the end of the frame tubes. This prevents ingress of dirt and water and protects the seat in the long term.
- **Options:** Arm rests can be provided at any position. Freestanding legs, surface trim plates and demountable ground sockets are also available. A preventative bar is available which stops people sitting on the back of the seat backrest.
- **Customisation:** Engraved motifs can be commissioned for endcaps and armrests. Plaques may also be specified.



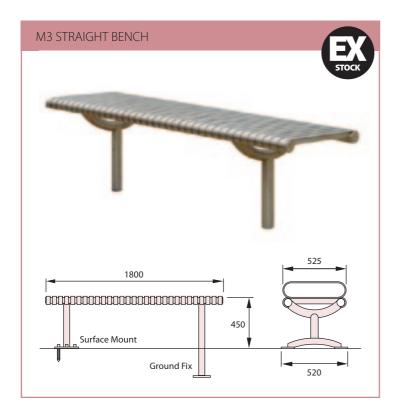
Product Description	Span	Height	Standard Radius (mm)		Standard Finish	Length  Optional  Length (mm)	Free Standing	Surface	Ground	Demountable Ground Socket	Add Surface Trim Plates	Leg Diameter	Arm Rests	Guide Price
M3 Straight Seat with Stainless Steel Slats	1800	480	n/a	70	Stainless Steel	2000, 2400 or 3000						70		£1295*
M3 Straight Seat with Hardwood Slats	1800	480	n/a	45	Iroko Hardwood	2000 or 2400						70		£1320*

<sup>\*</sup>Prices shown for root fix only. For other options contact sales office.



M3 Exeter Seat with arm rests





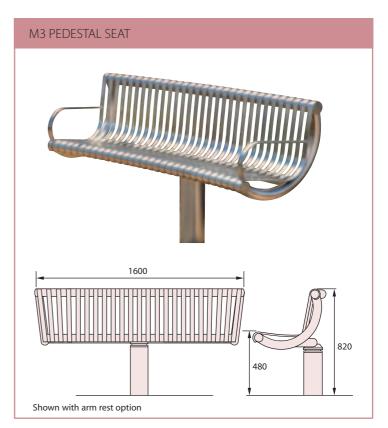


Product Description	Seat Span (mm)		Standard Radius (mm)		Standard Finish	Length Optional Length (mm)	Free Standing	Surface	xing Metho Sub- Surface Mount	Wall Mounted	Demountable Ground Socket	Add Surface Trim Plates		Arm Rests	Guide Price*
M3 Exeter Seat	2400	450	n/a	110	Stainless Steel										£4800
M3 Back to Back Seat with Stainless Steel Slats	1800 x 2	480	n/a	140	Stainless Steel	2000 or 2400							70		£2500
M3 Back to Back Seat with Hardwood Slats	1800 x 2	480	n/a	90	Treated Hardwood	2000 or 2400							70		£2350
M3 Straight Bench with Stainless Steel Slats	1800	450	n/a	52	Stainless Steel	2000 or 2400							70		£1095
M3 Straight Bench with Hardwood Slats	1800	450	n/a	22	Iroko Hardwood	2000 or 2400							70		£995

<sup>\*</sup>Prices shown for root fix only. For other options contact sales office.

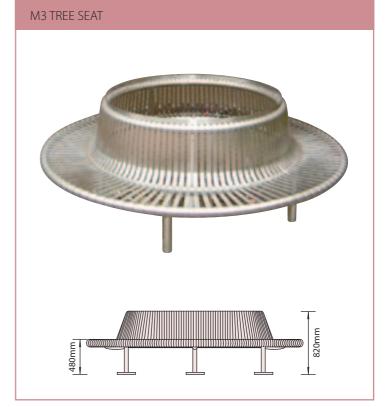


M3 Pedestal Seat with arm rests





M3 Tree Seat and Curved Bench



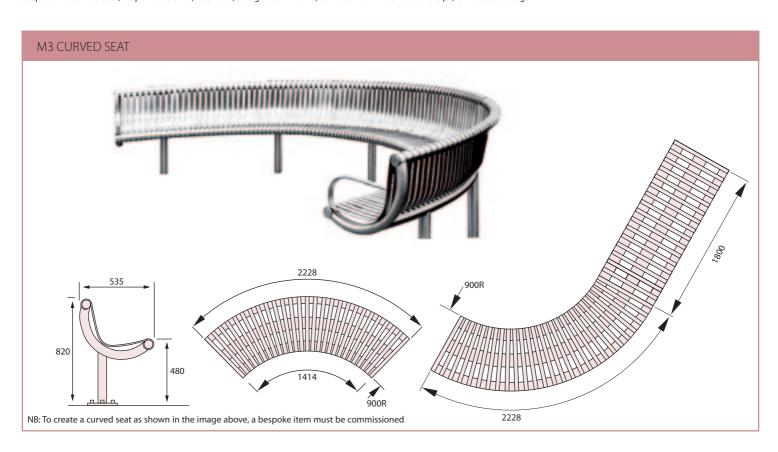
Product Description	Seat Span (mm)	Height	Standard Radius (mm)		Standard Finish	Length Optional Length (mm)	Free Standing	Surface	ixing Metho Sub- Surface Mount	Ground	PTIONS  Wall  Mounted	Demountable Ground Socket	Add Surface Trim Plates		Arm Rests	Guide Price*
M3 Pedestal Seat with Stainless Steel Slats	1600	480	6500*	80	Stainless Steel	1800										£1950
M3 Tree Seat with Stainless Steel Slats	2250	480	600*	212/280	Stainless Steel	2850 (span)								70		£5200

<sup>\*</sup>External radius \*\*Internal diameter 1200/1800

<sup>\*</sup>Prices shown for root fix only. For other options contact sales office.



Bespoke M3 Curved Seat, Serpentine Bench, litter bins, tree grille and frame, bollards with white reflective tape, Chichester College

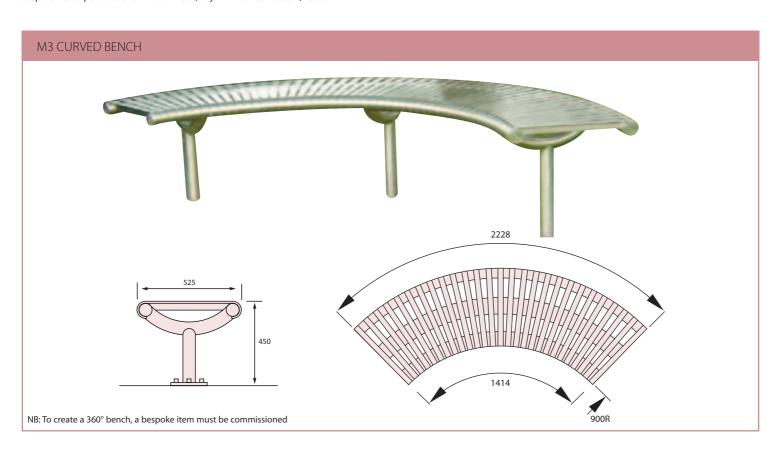


Product Description	Seat Span (mm)	Seat Height (mm)	Standard Radius (mm)		Standard Finish	Length Optional Length (mm)	Free Standing	Surface	xing Metho Sub- Surface Mount	d Spigot	Demountable Ground Socket	Ons Legs Diameter (mm)	Arm Rests	Guide Price*
M3 Curved Seat with Stainless Steel Slats	1885†/2970††	480	900	70/93	Stainless Steel	Any Length						70 or 140		POA
M3 Hockey Stick Seat with Stainless Steel Slats	3214†/4028††	480	900	140	Stainless Steel	Any Length						70		POA

†Inward ††Outward



Bespoke M3 Serpentine Bench with armrests, Royal Armouries Museum, Leeds



Product Description	Seat Span (mm)	Seat Height (mm)	Standard Radius (mm)		Standard Finish	Length Optional Length (mm)	Free Standing	Surface	ing Metho Sub- Surface Mount	d Ground	Wall Mounted	Demountable Ground Socket	Add Surface Trim Plates		Arm Rests	Guide Price
M3 Curved Bench with Stainless Steel Slats	2238	450	900	52/69	Stainless Steel	Any Length								70		POA
M3 Serpentine Bench with Stainless Steel Slats	3626	450	900	140/186	Stainless Steel	Any length								70		POA
M3 Tree Bench	2250	450	2836	158/207	Stainless Steel	2850 (span)								70		£4500

SEAT10

Benches Q50 Seats O50

### Steel and Stainless Steel Seating

OLLERTON

**Festival** 



Festival Straight Seat



- Festival Steel Seating system is a versatile modular system that meets the demands of modern environments and enhances public spaces. Straight and curved seats and benches can be designed to any length, any internal radii above 600mm and in any combination. Festival Seating is popular in educational and healthcare establishments, and civic spaces.
- Seats are produced in numerous standard designs, including straight and back to back seats, plus inward and outward facing curved seat segments and circular seats.
- Almost endless permutations are possible that can retain the strength, safety and vandal resistant features of the individual straight seats and benches.
- Material: Mild steel, galvanised and polyester powder coated.
- **Colours:** A full standard range of RAL colours is available. Please refer to page 425 for more information on colour options.
- Seating Sections: Seating is also available with Iroko hardwood slats from renewable sources.
- Options: Arm rests can be provided at any position. Freestanding legs, surface trim plates, and demountable ground sockets are also available.
- Customisation: Engraved motifs can be commissioned for endcaps and arm rests. Plaques may also be required.

SEAT25

Benches Seats Q50 220 Q50 225

### Steel and Stainless Steel Seating

### OLLERTON

**Festival** 



Festival straight seat with timber slats

- Stylish seating combining the design and form of the supports from the M3 and Festival ranges with hardwood timber slats.
- **Supports:** Available in either 316L grade satin polished stainless steel (M3) or in mild steel which is galvanised and polyester powder coated.
- **Seating Section:** Provided with Iroko hardwood timber slats sourced from renewable sources.
- **Options:** Arm rests can be provided at any position. Freestanding legs, surface trim plates and demountable ground sockets are also available.
- **Customisation:** Engraved motifs can be commissioned for endcaps and arm rests. Plaques may also be provided.



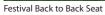
									OPTIO	ONS					
Product Description					Standard Finish	Optional Length (mm)	Free Standing	Surface	Ground	Wall Mounted	Demountable Ground Socket	Add Surface Trim Plates		Arm Rests	Guide Price
Festival Straight Seat with Steel Slats	1800	480	n/a	67	PC In Any RAL Colour	1800, 2000, 2400 or 3000							70		£604
Festival Straight Seat with Hardwood Slats	1800	480	n/a	41	Iroko Hardwood	2000 or 2400							70		£750

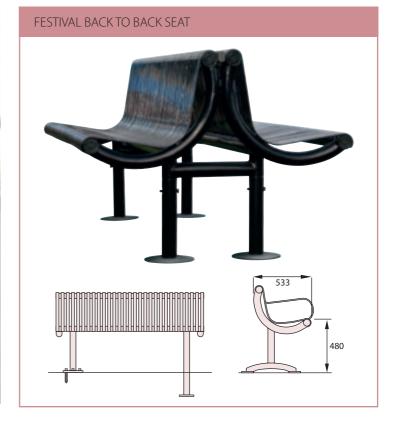




Festival Exeter Seat







Product Description	Seat Span (mm)	Height	Standard Radius (mm)		Standard Finish	Length  Optional Length (mm)	Free Standing	Surface	od Ground	Wall Mounted	Demountable Ground Socket		Arm Rests	Guide Price*
Festival Exeter Seat	2400	450	n/a	210	PC In Any RAL Colour									£2415
Festival Back to Back Seat with Steel Slats	1800 x 2	480	n/a	156	PC In Any RAL Colour	2000 or 2400						70		£1260
Festival Back to Back Seat with Hardwood Slats	1800 x 2	480	n/a	82	PC In Any RAL Colour	2000 or 2400						70		£1525

<sup>\*</sup>Prices shown for root fix only. For other options contact sales office.

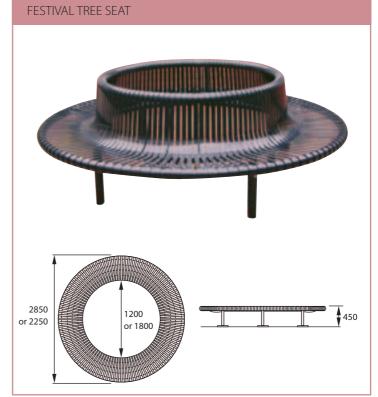


FESTIVAL STRAIGHT BENCH 450 Surface Mount Ground Fix 520

Festival Straight Benchs



Festival Tree Seat and Curved Seat

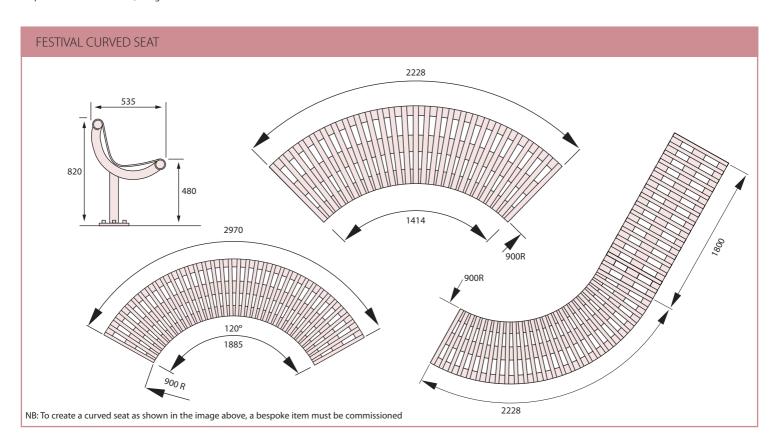


Product Description	Seat Span (mm)	Height			Standard Finish	Length Optional Length (mm)	Free Standing	Sub- Surface	Method Ground	PTIONS  Wall  Mounted	Demountable Ground Socket	Diameter	Arm	Guide Price*
Festival Straight Bench with Steel Slats	1500	450	n/a	52	PC In Any RAL Colour	1800, 2000, 2400 or 3000						70		£485
Festival Straight Bench with Hardwood Slats	1500	450	n/a	36	Iroko Hardwood	1800, 2000, 2400 or 3000						70		£570
Festival Tree Seat with Steel Slats	2250	480	2850	253/310	PC In Any RAL Colour	2850 (span)						70		£2415**

<sup>\*</sup>Prices shown for root fixing only. For other options contact Sales Office.
\*\*Price shown for seat with internal diameter of 1200mm



Bespoke Festival Curved Seat, Glasgow

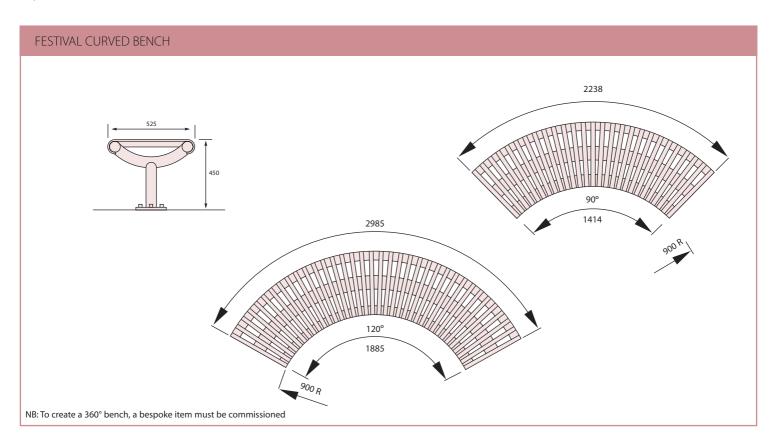


Product Description	Seat Span (mm)	Seat Height (mm)	Standard Radius (mm)	Weight (kg)	Standard Finish	Length Optional Length (mm)	Free Standing	Surface	Ground	Demountable Ground Socket	Ons Leg Diameter (mm)	Arm Rests	Guide Price
Festival Curved Seat with Steel Slats	1885†/2970††	480	900	78/103	PC In Any RAL Colour	Any Length					70 or 140		POA
Festival Hockey Stick Seat with Steel Slats	3214†/4028††	480	900	156	PC In Any RAL Colour	Any Length					70		POA
Festival Pedestal Seat with Steel Slats	1600	480	6500	78	PC In Any RAL Colour								POA

†Inward ††Outward



Bespoke Festival Curved Bench, Queen Elizabeth School



Product Description	Seat Span (mm)	Seat Height (mm)	Standard Radius (mm)		Standard Finish	Length Optional Length (mm)	Free Standing	Surface	xing Metho Sub- Surface Mount	od Ground	Wall Mounted	Demountable Ground Socket	Leg Diameter	Arm Rests	Guide Price
Festival Curved Bench with Steel Slats	2238†/1414††	450	900	61/84	PC In Any RAL Colour	Any Length							70		POA
Festival Serpentine Bench with Steel Slats	3626	450	900	122/168	PC In Any RAL Colour	Any Length							70		POA
Festival Tree Bench	2250	450	2850	188/252	PC In Any RAL Colour	2850 (span)							70		£1890

†Inward ††Outward

SEAT11

enches Q50 220 eats Q50 225

### Steel and Stainless Steel Seating

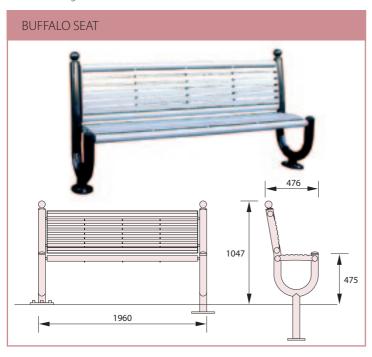
### OLLERTON

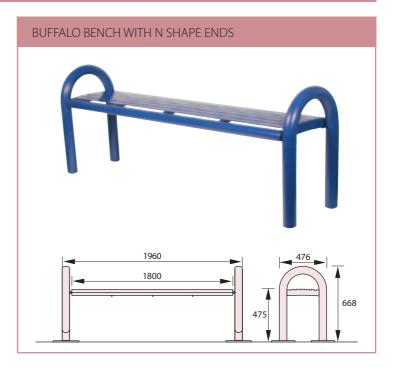
Buffalo



Buffalo Seat, Durham

- Strong yet comfortable, Buffalo Seating is manufactured in mild steel, hot dip galvanised and coated in up to two colours of your choice. Slats are steel or Iroko hardwood, the latter from renewable resources. For information on colours available, please turn to page 425.
- Coordinating litter bins are available.







Product Description	Seat Span (mm)	Seat Height (mm)	Weight (kg)	Standard Finish	Finish Hardwood Slats	Surface Mount	OPTIONS Fixing Method Sub-Surface Mount	Ground Fixed	Arm Rests	Guide *Price
Buffalo Seat with Steel Slats	1800	475	90	PC in Any RAL Colour	-		-			£780
Buffalo 'U' Bench with Steel Slats	1800	475	65	PC in Any RAL Colour	-		•			£550
Buffalo 'N' Bench with Steel Slats	1800	475	65	PC in Any RAL Colour						£550

<sup>\*</sup>Prices shown for root fixing only. For other options contact sales office.

### Steel and Stainless Steel Seating

Metropolitan





- Manufactured from mild steel, hot dip galvanised and powder coated in a RAL colour of your choice, the Metropolitan seat and bench are suited to both contemporary and traditional landscapes.
- Seating sections and back rests feature a modern, perforated steel design, which are complemented by a stylish, arched leg profile.
- For a list of our 10 RAL colours offered as standard, but also information on additional RAL colour palette, please refer to page 425.

Metropolitan Seat with steel section





Product Description	Seat Span (mm)	Seat Height (mm)	Standard Finish	Supplied Assembled	Fixing Method Surface Ground Mount Fixed	Guide Price
Metropolitan Seat with Steel Section	1818	443	PC Steel		•	£495
Metropolitan Bench with Steel Section	1818	455	PC Steel		=	£295

SEAT26

Benches Q Seats Q

### Steel and Stainless Steel Seating

OLLERTON

Academy



Academy Steel Seat

- With its simple column supports and narrow slat seating sections, the Academy seat and bench provide a functional, durable seating solution, suitable for any environment.
- The Academy is available in mild steel, which is zinc rich primed and can be polyester powder coated in almost any RAL colour. Armrests are available as an optional extra. For additional information on the RAL colours available, please turn to page 425.
- The Academy seat and bench can also be supplied in grade 316L stainless steel for a more contemporary finish. This high grade of stainless steel makes the material less prone to the effects of pitting and staining than lower grades, providing a durable, low maintenance solution.
- Academy seats and benches are supplied with an integral base plate fixing, which can be bolted directly onto finished surfaces, or positioned below ground level.









Product Description	Seat Span (mm)	Seat Height (mm)	Standard Finish	Fixin Sub Surface Mount	g Method Surface Mount	Options Armrests	Guide Price
Academy Steel Seat	1800	447	Steel				£420
Academy Steel Bench	1800	432	Steel			•	£275
Academy Stainless Steel Seat	1800	437	Stainless Steel				£995
Academy Stainless Steel Bench	1800	422	Stainlees Steel				£715

SEAT15

nches Q50 220 ats Q50 225

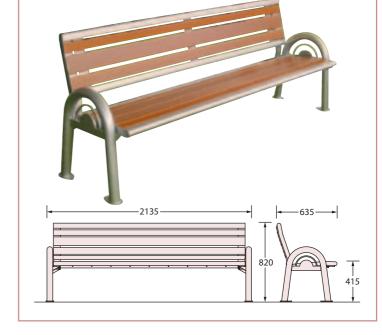
BERCY SEAT COMPOSITE

# Steel and Stainless Steel Seating

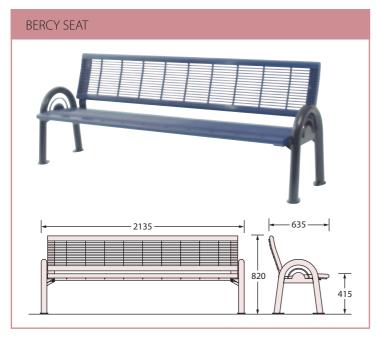
**Bercy and Rendezvous City** 

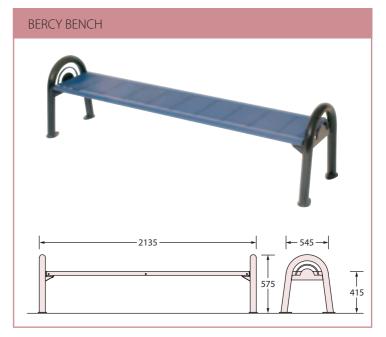






Bercy Seat, Bercy Bench and City Litter Bin



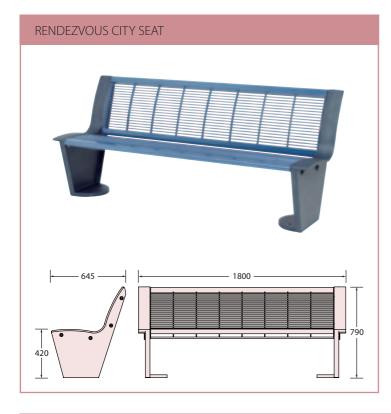


Product Description	Span		Weight (kg)	Seating Section	Seating Ends/Frames	Standard Finish	Free Standing	Surface	king Metho Ground Fixed		Number Required	Guide Price
Bercy Seat Composite	2135	415	83	Treated Hardwood	Steel	PC Any Standard RAL or Sable Colour				T or DT	4	£1240
Bercy Seat	2135	415	51	Steel	Steel	PC Any Standard RAL or Sable Colour				T or DT	4	£925
Bercy Bench	2135	415	83	Steel	Steel	PC Any Standard RAL or Sable Colour				T or DT	4	£590

# RENDEZVOUS CITY CURVED BENCH 1484 R1535 R1100 1120

### Rendezvous City:

- Features contemporary designs with modern clean lines in steel. City seats and benches offer functionality, solidity and durability with maximum style.
- Seats and backrests are constructed from steel sections which are cleaned, shot blasted and then coated with a base layer of epoxy powder and finished with a polyester powder paint.
- Legs are manufactured from either steel which is treated as above or from cast iron which is treated against rust and polyester powder coated.
- **Colours:** A full range of standard RAL (high gloss) or Sable (matt textured) colours are available. For further information, please see page 427.





Product Description	Seat Span (mm)		Weight (kg)		Seating Ends/Frames	Standard Finish	Free Standing	F Surface Mount	ixing Metho Ground Fixed	d Fixing Type	Number Required	Guide Price
Rendezvous City Seat	1800	420	100	Steel	Cast Iron	PC Any Standard RAL or Sable Colour				T or DT	4	£690
Rendezvous City Bench	1800	420	51	Steel	Cast Iron	PC Any Standard RAL or Sable Colour				T or DT	4	£1350
Rendezvous City Curved Bench	1484	420	51	Steel	Cast Iron	PC Any Standard RAL or Sable Colour				T or DT	4	£1800

Urban

SEAT17

Benches ( Seats (

## Steel and Stainless Steel Seating

graff



Trio Seat, Stainless Steel, Sunderland

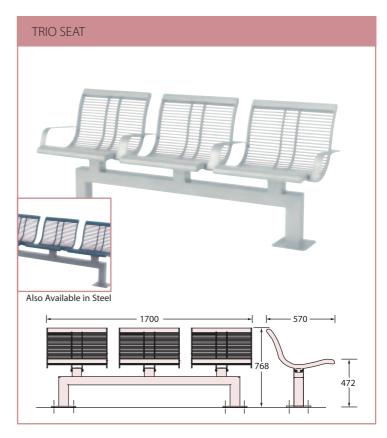


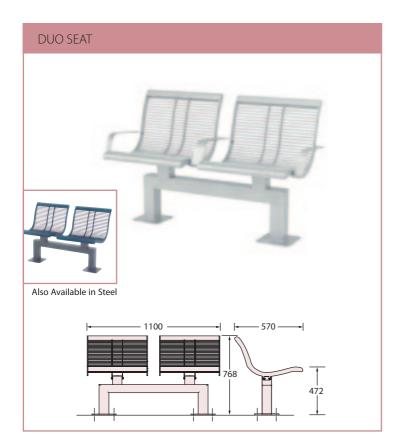
Trio Seat, Steel Green, Sunderland

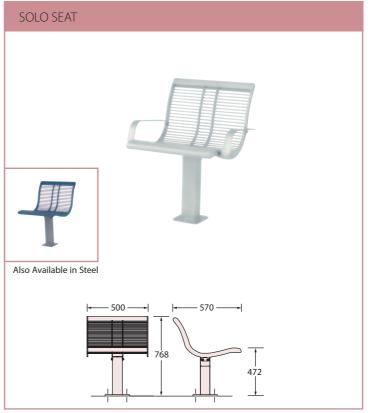
- The Urban range has been designed as a full system for the enhancement of highly urbanised spaces and transport systems. It is composed exclusively of individual seats that can be used independently or as a system.
- Seating is available in either steel or stainless steel. Steel furniture is zinc-plated and powder coated to a high quality finish and is available in a range of RAL (high gloss) or Sable (matt textured) colours. For additional information on colour availability, please turn to page 425. Stainless steel furniture is made from high quality 316L grade stainless steel and is shot peened to give a smooth matt finish.
- Seats can include end and/or intermediate armrests.
- $\hfill \blacksquare$  A four or five seat configuration is also available.
- Solo seating can be supplied with either a wall or wall top fixing.
- Supplied with base plate or ground fixing with a standard root depth of 390mm.
- Armrests can be supplied on request.



Solo Seat, Steel Green, Sunderland







Product Description	Seat Span (mm)	Seat Height (mm)	Weight (kg)	Standard Finish	Surface Mount	Fixing M Ground Fixed	ethod Wall Mounted	Arm Rests	Guide Steel	Price* Stainless Steel
Trio Seat	1700	472	46	PC Steel/Stainless Steel					£1195	£2450
Duo Seat	1100	472	55	PC Steel/Stainless Steel					£616	£1566
Solo Seat	500	472	19	PC Steel/Stainless Steel					£357	£843

 $<sup>\</sup>hbox{*Prices shown for root fixing and exclude armrest option. For other alternatives contact sales order office.}$ 

SEAT26

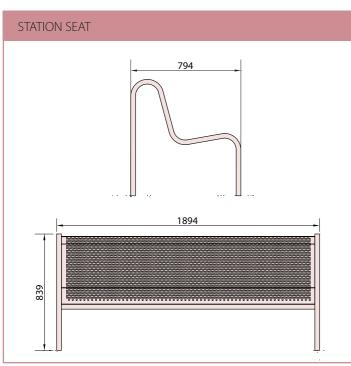
Seats

### Steel and Stainless Steel Seating

OLLERTON

Station



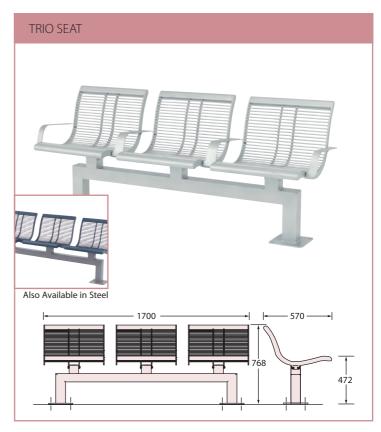


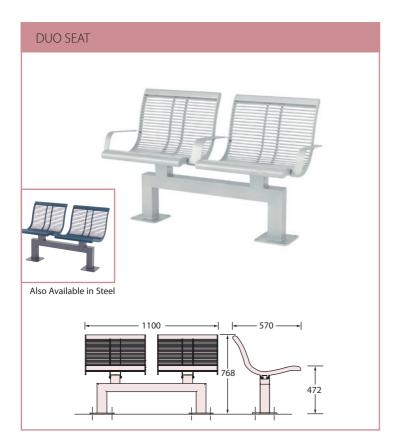
- Designed with crowded train and bus stations in mind, the Station seat is designed to ease the density and stress of travellers when commuting to work, business or leisure trips. Whatever the loads carried, the Station seat will offer comfort and tranquility to all commuters on a daily basis.
- The seat has a 2mm thick perforated sheet steel seat pan and mild steel CHS ends. It is zinc primer and polyester powder coated and root fixed. The roots are of 250mm height below ground fixed in concrete foundation.
- The seat comes in black as standard. A full range of RAL colours are available to choose from to match the surroundings, information of which can be found under page 425.
- $\hfill \blacksquare$  The seat is provided fully assembled for easy site installation.

Product Description	Seat Span (mm)	Seat Height (mm)	Weight (KG)	Standard Finish	Guide Price
Station Seat	1894	839/250	30	PC in RAL Black 9005	£375



Solo Seat, Steel Green, Sunderland







Product Description	Seat Span (mm)	Seat Height (mm)	Weight (kg)	Standard Finish	Fixing Method Surface Ground Wall Arm Mount Fixed Mounted Rests		Guide Steel	Price* Stainless Steel	
Trio Seat	1700	472	46	PC Steel/Stainless Steel				£1195	£2450
Duo Seat	1100	472	55	PC Steel/Stainless Steel				£616	£1566
Solo Seat	500	472	19	PC Steel/Stainless Steel				£357	£843

 $<sup>\</sup>hbox{*Prices shown for root fixing and exclude armrest option. For other alternatives contact sales order office.}$