

GATIC® COEX. The economical solution
to protecting underground services.

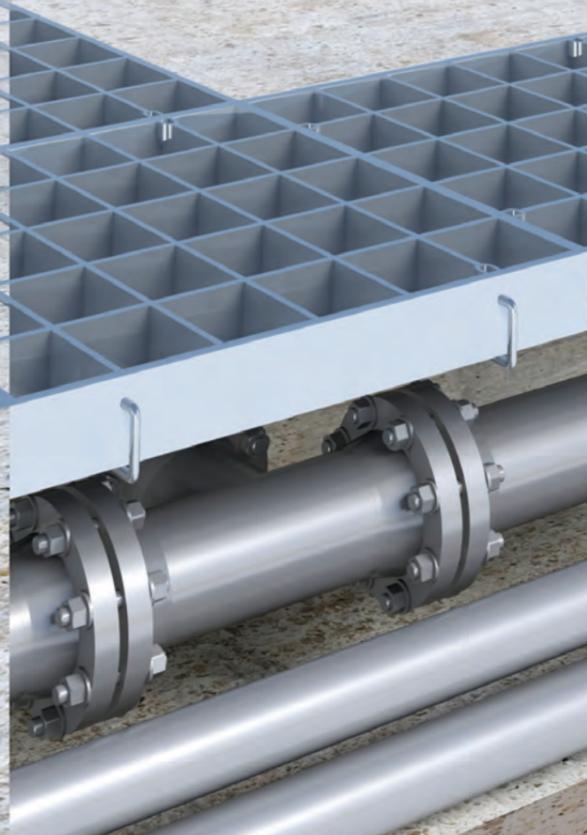


GATIC® COEX

An alternative access system from Gatic.

Product Features and Benefits

Gatic COEX is a comprehensive system of single, duct and multi span access covers and frames for use in slow moving traffic situations, where chequer plate, deep steel recessed or concrete slabs might otherwise be installed and a sealing facility is not required. COEX offers the versatility of a galvanised steel frame combined with the rigidity and durability of ductile iron covers. This enables shallower covers to be used which are therefore lighter than deep steel or concrete slabs. Thus offering a competitively priced long-term solution to protecting cables, pipes and underground equipment.



Cover types

Covers are recessed for concrete infill or solid top according to specifier preference.

Concrete infill recessed covers

Recessed covers are designed for filling with concrete as specified in BS EN 124 - C45 - 45 N/mm² for a test cube of 150mm, or a 40N/mm² for a test cylinder 150mm diameter x 300mm high, using a 10mm coarse aggregate.

Anti-slip surface covers

Concrete infill covers provide a non-slip surface similar to the surrounding areas. Solid top covers incorporate a raised lozenge pattern on the surface.

Materials

The components of COEX covers are manufactured from the following materials:

Ductile iron components to BS EN 1563:2011

Side frames and structural steel sections (removable beams) to BS 4-1:2005

Non-rocking

Correctly installed, COEX covers will be non-rocking under slow moving traffic.

Easy removal/replacement

The machined underside seating face of COEX covers allows the sliding out of covers for easy removal or replacement.

Operator control

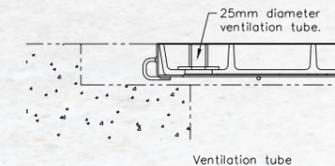
Jack screw operating keys locate positively and securely into COEX covers and are a necessary tool if the inherent cover seal is to be broken effectively and to allow operator maximum control during operation.

Secure and vandal resistant

Covers are designed to prevent tampering and unauthorised removal.

Ventilation

Ventilation can be provided by fitting four 25mm diameter ventilation tubes in recessed covers.



Closed keyways

COEX cover keyways are closed and fitted with plastic plugs to prevent the ingress of dirt.

Loadings

All COEX covers will withstand test load and maximum permanent set criteria specified in BS EN 124: 1994 for each loading category.

Secure support

The clear opening width between supporting frames are at least 7mm greater than the pit/chamber design to allow for minor deviations in pit construction dimensions.

Beam wallbox

Supporting beams in COEX Multispan units are easily removed with appropriate lifting equipment for access to the total chamber area. Beam wallboxes do not project into the chamber opening.

Finishes

Covers are coated with a black bituminous solution that acts as a temporary protection during transit. Removable supporting steelwork and side frames are galvanised to BS EN ISO 1461:2009.

Installation

Consignments of COEX units are accompanied by comprehensive installation instructions.

Environmental commitment

Responsibility towards the environment is our primary concern. Our customers often now demand products that are made from recycled and recyclable materials, supplied by companies with robust environmental policies to reduce the environmental impact of their projects for future generations.

To meet these requirements we have an integrated Quality (BS EN ISO 9001:2008) and Environmental (BS EN ISO 14001:2004) Management System which encompasses the design, manufacture and management systems within the company and ensures our commitment to continuous environmental improvements regarding the manufacture and design of all our products in the following ways:

- Minimise environmental impact
- Commit organisational resources to energy management
- Reduce energy costs
- Give high priority to energy efficient investments
- Consider life cycle energy costs for all new projects
- Minimise CO₂ emissions year on year
- Use energy from sustainable resources wherever possible

To achieve these goals we have put in place the necessary systems and controls to meet demanding environmental targets and to make sure that these are maintained for the future benefit of the environment and our customers alike.

Gatic services

Gatic offers a full support service to specifiers and contractors, including Computer Aided Design. AutoCAD compatible details of all Gatic products are available. Please consult our technical department for assistance.

In view of our commitment to product improvement, we reserve the right to alter designs without notice. Design changes will not adversely affect the performance or loading capability of our products.



ASSURANCE
The Gatic Quality Management System has been approved to BS EN ISO 9001:2008 Certificate No. FM 593418



ASSURANCE
The Gatic Environmental Management System has been approved to ISO 14001:2004 Certificate No. EMS 593419



GATIC® COEX – Medium Duty

Single Covers and Frames

Suitable for 5 tonne slow moving pneumatic wheel load. Cover test load - 250kN

Recessed Top Covers

Pit clear opening sizes L x S	Cover type
750 x 300	CDLF
600 x 450	CDLF
750 x 450	CDMR
600 x 600	CDLF
750 x 600	CDLF
900 x 600	CDLF
750 x 750	CDLF
900 x 750	CDLF
900 x 900	CDLF
600 x 1050	CDM
750 x 1050	CDM
1000 x 1050	CDM
600 x 1200	CDM
750 x 1200	CDM



Recessed Top Cover
Type CDLF or CDM



Solid Top Cover
Type CDLS or CDMS

Solid Top Covers

Pit clear opening sizes L x S	Cover type
600 x 600	CDLS
750 x 600	CDLS
900 x 600	CDLS
750 x 750	CDLS
900 x 750	CDLS
900 x 900	CDLS
600 x 1200	CDMS
750 x 1200	CDMS
1000 x 1000	CDMS

Duct & Trench Covers and Frames

Suitable for 5 tonne slow moving pneumatic wheel load. Cover test load - 250kN

Recessed Top Covers

Pit clear opening spans	Cover type
300	CDLF
450	CDLF
600	CDLF
750	CDLF
900	CDLF
1050	CDM
1200	CDM
1500	CDM/F



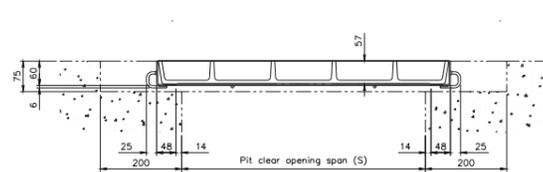
Recessed Top Covers
Type CDLF / CDM or CDM/F

Solid Top Covers

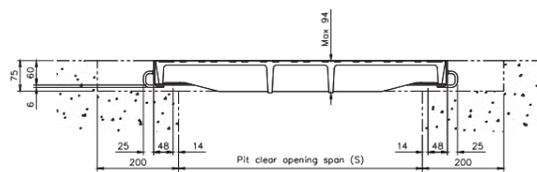
Pit clear opening spans	Cover type
600	CDLS
750	CDLS
900	CDLS
1200	CDMS



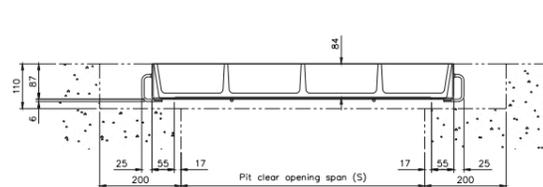
Solid Top Covers
Type CDLS or CDMS



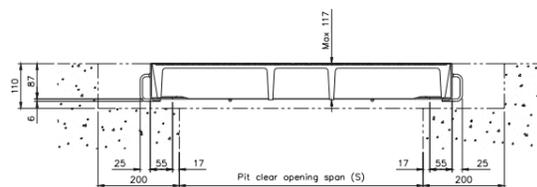
Type CDLF



Type CDLS



Type CDM



Type CDMS

Recessed Covers

Recessed covers can be supplied to cover ducts or trenches as straight runs or as complex layouts.

Pit clear opening spans	Cover type	Standard Pit clear opening length											
		1300	1450	1600	1750	1900	2000	2150	2300	2450	2600	2700	2750
300	CDLF	*	*	2	*	*	*	*	*	3	*	*	*
450	CDLF	2	*	*	*	*	3	*	*	*	*	4	*
600	CDLF	2	2	2	2	2	3	3	3	3	3	4	3
750	CDLF	2	2	2	2	2	3	3	3	3	3	4	3
900	CDLF	2	2	2	2	2	3	3	3	3	3	4	3
1050	CDM	2	2	2	*	*	3	3	3	3	*	4	*
1200	CDM	2	2	2	*	*	3	3	3	3	*	4	*
1500	CDM/F	2	2	2	*	*	3	3	3	3	*	4	*

Solid Top Covers

Solid top covers are usually supplied in straight runs.

Pit clear opening spans	Cover type	Standard Pit clear opening length											
		1300	1450	1600	1750	1900	2000	2150	2300	2450	2600	2700	2750
600	CDLS	2	2	2	2	2	3	3	3	3	3	4	3
750	CDLS	2	2	2	2	2	3	3	3	3	3	4	3
900	CDLS	2	2	2	2	2	3	3	3	3	3	4	3
1200	CDMS	2	2	2	*	*	3	3	3	3	*	4	*

*Indicates standard sizes not available - The number shown indicates the quantity of cover parts - Other standard sizes may be available, refer to our technical department.



GATIC® COEX – Medium Duty

Multispan covers and frames

Suitable for 5 tonne slow moving pneumatic wheel load. Cover test load - 250kN

Specification

Below is sample specification information and notes for Multispan recessed or Solid Top covers and frames.

Loading group Gatic C250
 5 tonne wheel load – test load 250 kN.

Materials

Covers: Ductile iron components to BS EN 1563:2011.
 Structural steel removable beams to BS 4-1:2005.
 Frame bars to BS 4-1:2005.



Type CDLF recessed

Finishes

Covers coated with black bituminous solution for protection during transit.
 Removable supporting steelwork and side frames galvanised to BS EN ISO 1461:2009.

Infill and surround concrete by customer

Concrete strength, using 10mm coarse aggregate, to be:
 45N/mm² for a test cube of 150mm or
 40N/mm² for a test cylinder of 150mm diameter x 300mm high.



Type CDLS solid top

Installation

In accordance with instructions supplied by Gatic.

To specify use size and description format as follows:

COEX Multispan Recessed covers and frames Cover type **CDLF recessed**
 Multiple access covers recessed for concrete infill with removable beams.

.... in no. (length) x (span) mm pit clear opening multi span cover and frame.

COEX Type CDLF Ductile Iron Recessed Cover in parts complete with

.... in no. x mm galvanised removable support beam spanning the (length) mm way.

Suitable for Loading Group C250 – Medium Duty 5 Tonnes Wheel Load (pneumatic tyre).

COEX Multispan Solid Top covers and frames Cover type **CDLS solid top**
 Multiple solid top access covers with removable beams.

.... in no. (length) x (span) mm pit clear opening multi span cover and frame.

COEX Type CDLS Ductile Iron Solid Top Cover in parts complete with

.... in no. x mm galvanised removable support beam spanning the (length) mm way.

Suitable for Loading Group C250 – Medium Duty 5 Tonnes Wheel Load (pneumatic tyre).

Standard pit clear opening sizes are shown on Page 7.

Beam sizes and other dimensions are shown on Pages 8 and 9.

Multispan covers and frames

Product Selection

Refer to the table to identify which cover and beam configuration you require against pit clear opening length (L) and pit clear opening span (S). All dimensions are in millimetres.

		Pit clear opening length (L) mm												Beam centres mm													
		2 parts			3 parts			4 parts						A	B	C	D	E									
		1200	1350	1500	1650	1800	1900	2050	2200	2350	2500	2650	2800	2600	2750	2900	3050	3200	3350	3500	3650	3800					
Pit clear opening span (S) mm	2 parts 1 beam	1370	L		A	S		B	1520	L		A	S		B	1670	L		A	S		B	685	685			
		1820	L		A	S		B	1970	L		A	S		B	4 part (2x2) multispan cover with 1 removable support beam	6 part (3x2) multispan cover with 1 removable support beam	8 part (4x2) multispan cover with 1 removable support beam					835	685			
		2140	L		A	S		B	2290	L		A	S		B	2440	L		A	S		B	685	770	685		
		2590	L		A	S		B	2740	L		A	S		B	2890	L		A	S		B	685	920	685		
		3040	L		A	S		B	3210	L		A	S		B	3360	L		A	S		B	835	770	835		
	3510	L		A	S		B	3660	L		A	S		B	3810	L		A	S		B	835	770	770	835		
	3960	L		A	S		B	4110	L		A	S		B	4260	L		A	S		B	835	920	920	685		
	4410	L		A	S		B	4560	L		A	S		B	4710	L		A	S		B	835	920	920	835		
	4860	L		A	S		B	5010	L		A	S		B	5160	L		A	S		B	985	920	920	985		
	5310	L		A	S		B	5460	L		A	S		B	5610	L		A	S		B	985	1070	1070	835		
	5760	L		A	S		B	5910	L		A	S		B	6060	L		A	S		B	985	1070	1070	985		
	6210	L		A	S		B	6360	L		A	S		B	6510	L		A	S		B	985	1070	1070	985		
	6660	L		A	S		B	6810	L		A	S		B	6960	L		A	S		B	685	770	770	685		
	7410	L		A	S		B	7560	L		A	S		B	7710	L		A	S		B	835	770	770	770	835	
	7860	L		A	S		B	8010	L		A	S		B	8160	L		A	S		B	685	920	920	920	685	
	8310	L		A	S		B	8460	L		A	S		B	8610	L		A	S		B	835	920	770	920	835	
	8760	L		A	S		B	8910	L		A	S		B	9060	L		A	S		B	835	920	920	920	835	
	9210	L		A	S		B	9360	L		A	S		B	9510	L		A	S		B	835	920	920	920	835	
	9660	L		A	S		B	9810	L		A	S		B	9960	L		A	S		B	985	920	1070	920	835	
	10110	L		A	S		B	10260	L		A	S		B	10410	L		A	S		B	985	920	920	920	985	
	10560	L		A	S		B	10710	L		A	S		B	10860	L		A	S		B	985	920	1070	920	985	
	11010	L		A	S		B	11160	L		A	S		B	11310	L		A	S		B	985	1070	920	1070	985	
	11460	L		A	S		B	11610	L		A	S		B	11760	L		A	S		B	985	1070	1070	1070	985	
	11910	L		A	S		B	12060	L		A	S		B	12210	L		A	S		B	985	1070	1070	1070	985	
	12360	L		A	S		B	12510	L		A	S		B	12660	L		A	S		B	685	770	770	770	685	
	12810	L		A	S		B	12960	L		A	S		B	13110	L		A	S		B	685	770	920	770	685	
	13260	L		A	S		B	13410	L		A	S		B	13560	L		A	S		B	835	770	770	770	835	
	13710	L		A	S		B	13860	L		A	S		B	14010	L		A	S		B	685	920	920	920	685	
	14160	L		A	S		B	14310	L		A	S		B	14460	L		A	S		B	835	920	920	920	835	
	14610	L		A	S		B	14760	L		A	S		B	14910	L		A	S		B	835	920	920	920	835	
	15060	L		A	S		B	15210	L		A	S		B	15360	L		A	S		B	835	920	1070	920	835	
	15510	L		A	S		B	15660	L		A	S		B	15810	L		A	S		B	985	920	920	920	985	
	15960	L		A	S		B	16110	L		A	S		B	16260	L		A	S		B	985	920	1070	920	985	
	16410	L		A	S		B	16560	L		A	S		B	16710	L		A	S		B	985	1070	920	1070	985	
	16860	L		A	S		B	17010	L		A	S		B	17160	L		A	S		B	985	1070	1070	1070	985	
	17310	L		A	S		B	17460	L		A	S		B	17610	L		A	S		B	685	770	770	770	685	
	17860	L		A	S		B	18010	L		A	S		B	18160	L		A	S		B	685	770	920	770	685	
	18310	L		A	S		B	18460	L		A	S		B	18610	L		A	S		B	835	770	770	770	835	
	18760	L		A	S		B	18910	L		A	S		B	19060	L		A	S		B	685	920	920	920	685	
	19210	L		A	S		B	19360	L		A	S		B	19510	L		A	S		B	835	920	920	920	835	
	19660	L		A	S		B	19810	L		A	S		B	19960	L		A	S		B	835	920	920	920	835	
	20110	L		A	S		B	20260	L		A	S		B	20410	L		A	S		B	835	920	920	920	835	
	20560	L		A	S		B	20710	L		A	S		B	20860	L		A	S		B	835	920	1070	920	835	
	21010	L		A	S		B	21160	L		A	S		B	21310	L		A	S		B	985	920	920	920	985	
	21460	L		A	S		B	21610	L		A	S		B	21760	L		A	S		B	985	920	1070	920	985	
	22010	L		A	S		B	22160	L		A	S		B	22310	L		A	S		B	985	1070	920	1070	985	
	22460	L		A	S		B	22610	L		A	S		B	22760	L		A	S		B	985	1070	1070	1070	985	
	23010	L		A	S		B	23160	L		A	S		B	23310	L		A	S		B	685	770	770	770	685	
	23460	L		A	S		B	23610	L		A	S		B	23760	L		A	S		B	685	770	920	770	685	
	24010	L		A	S		B	24160	L		A	S		B	24310	L		A	S		B	835	770	770	770	835	
	24460	L		A	S		B	24610	L		A	S		B	24760	L		A	S		B	685	920	920	920	685	
	24910	L		A	S		B	25060	L		A	S		B	25210	L		A	S		B	835	920	920	920	835	
	25360																										



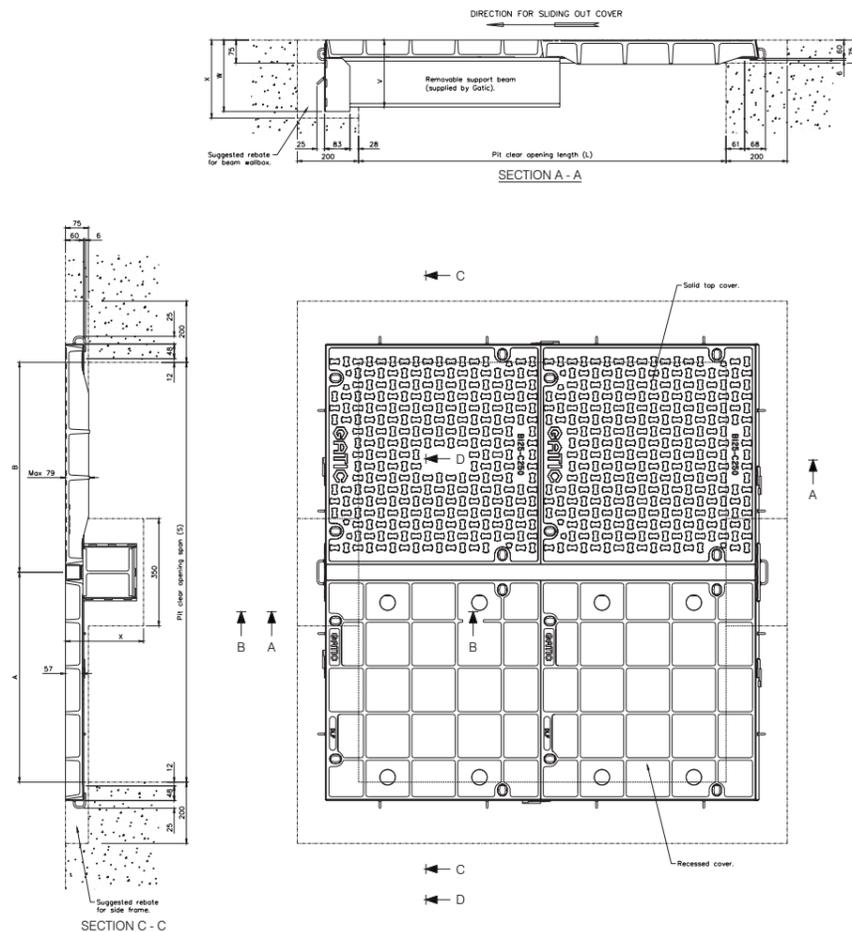
GATIC® COEX – Medium Duty

Multispan covers and frames



- Covers recessed for concrete infill or solid top
- Cover types: CDLF (recessed)
CDLS (solid top)

The details below show plan and sections of a typical recessed/solid top unit.



Multispan covers and frames



Type CDLF recessed



Type CDLS solid top

Beam Size

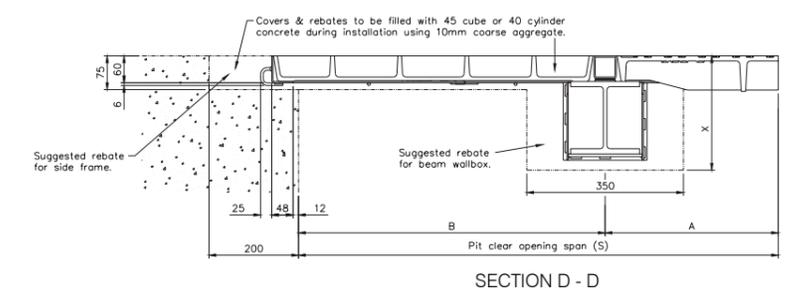
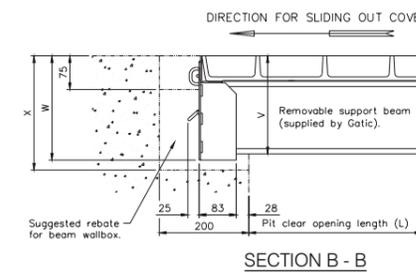
The required beam size for Multispan covers is dependent on the pit clear opening length and the loading group.

The table shows maximum beam length against beam size. The removable support beams are supplied by Gatic.

The table also indicates dimensions of the beam wallbox and rebate to suit different beam sizes. See also the accompanying section details.

Support beam size chart

Removable support beam size	Max pit clear opening length (L)	Beam wallbox dimensions		
		V	W	X
152 x 152 x 37kg/m UC	1800	219	229	260
203 x 152 x 52kg/m RSJ	2350	260	270	300
305 x 165 x 54kg/m UB	3200	368	378	410
356 x 171 x 67kg/m UB	3800	421	431	470





GATIC® COEX – Heavy Duty

Single Covers and Frames

Suitable for 11.5 tonne slow moving pneumatic wheel load. Cover test load - 400kN

Recessed Top Covers

Pit clear opening sizes L x S	Cover type
750 x 300	CDLF
600 x 450	CDMR
750 x 450	CDMR
600 x 600	CDMR
750 x 600	CDMR
900 x 600	CDMR
750 x 750	CDMR
900 x 750	CDMR
900 x 900	CDMR
600 x 1050	CDM
750 x 1050	CDM
1000 x 1050	CDM
600 x 1200	CDM
750 x 1200	CDM



Recessed Top Covers
Type CDLF or CDMR or CDM



Solid Top Covers
Type CDMS

Solid Top Covers

Pit clear opening sizes L x S	Cover type
600 x 600	CDMS
750 x 600	CDMS
900 x 600	CDMS
750 x 750	CDMS
900 x 750	CDMS
900 x 900	CDMS
600 x 1200	CDMS
750 x 1200	CDMS
1000 x 1000	CDMS

Duct & Trench Covers and Frames

Suitable for 11.5 tonne slow moving pneumatic wheel load. Cover test load - 400kN

Recessed Top Covers

Pit clear opening spans	Cover type
300	CDLF
450	CDMR
600	CDMR
750	CDMR
900	CDMR
1050	CDM
1200	CDM
1500	CDM/F



Recessed Top Covers
Type CDLF / CDM / CDM/F or CDMR

Solid Top Covers

Pit clear opening spans	Cover type
600	CDMS
750	CDMS
900	CDMS
1200	CDMS



Solid Top Covers
Type CDMS

Recessed Covers

Recessed covers can be supplied to cover ducts or trenches as straight runs or as complex layouts.

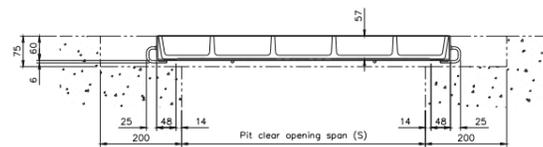
Pit clear opening spans	Cover type	Standard Pit clear opening length											
		1300	1450	1600	1750	1900	2000	2150	2300	2450	2600	2700	2750
300	CDLF	*	*	2	*	*	*	*	*	3	*	*	*
450	CDMR	2	2	2	*	*	3	3	3	3	*	4	*
600	CDMR	2	2	2	2	2	3	3	3	3	3	4	3
750	CDMR	2	2	2	2	2	3	3	3	3	3	4	3
900	CDMR	2	2	2	2	2	3	3	3	3	3	4	3
1050	CDM	2	2	2	*	*	3	3	3	3	*	4	*
1200	CDM	2	2	2	*	*	3	3	3	3	*	4	*
1500	CDM/F	2	2	2	*	*	3	3	3	3	*	4	*

Solid Top Covers

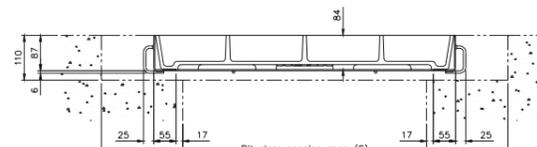
Solid top covers are usually supplied in straight runs.

Pit clear opening spans	Cover type	Standard Pit clear opening length											
		1300	1450	1600	1750	1900	2000	2150	2300	2450	2600	2700	2750
600	CDMS	2	2	2	2	2	3	3	3	3	3	4	3
750	CDMS	2	2	2	2	2	3	3	3	3	3	4	3
900	CDMS	2	2	2	2	2	3	3	3	3	3	4	3
1200	CDMS	2	2	2	*	*	3	3	3	3	*	4	*

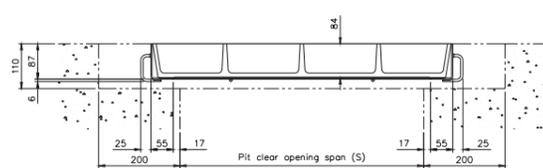
*Indicates standard sizes not available - The number shown indicates the quantity of cover parts - Other standard sizes may be available, refer to our technical department.



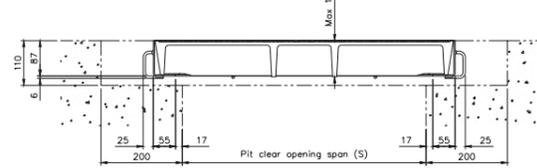
Type CDLF



Type CDMR



Type CDM



Type CDMS



GATIC® COEX – Heavy Duty

Multispan covers and frames

Suitable for 11.5 tonne slow moving pneumatic wheel load. Cover test load - 400kN

Specification

Below is sample specification information and notes for Multispan recessed covers and frames.

Loading group Gatic D400

11.5 tonne slow moving pneumatic wheel load – test load 400 kN.

Materials

Covers: Ductile iron components to BS EN 1563:2011.

Structural steel removable beams to BS 4-1:2005

Side Frames: Mild steel.



Type CMR recessed

Finishes

Covers coated with black bitumous solution for protection during transit.

Removable supporting steelwork and side frames galvanised to BS EN ISO 1461:2009.

Infill and surround concrete by customer

Concrete strength, using 10mm coarse aggregate, to be:

45N/mm² for a test cube of 150mm or

40N/mm² for a test cylinder of 150mm diameter x 300mm high.



Type CMS solid top

Installation

In accordance with instructions supplied by Gatic.

To specify use size and description format as follows:

COEX Multispan Recessed covers and frames Cover type CDMR recessed

Multiple access covers recessed for concrete infill with removable beams.

.... in no. (length) x (span) mm pit clear opening multi span cover and frame.

COEX Type CDMR Ductile Iron Recessed Cover in parts complete with

.... in no. x mm galvanised removable support beam spanning the (length) mm way.

Suitable for Loading Group D400 – 11.5 Tonnes Slow Moving Wheel Load (pneumatic tyre).

COEX Multispan Solid Top covers and frames Cover type CDMS solid top

Multiple solid top access covers with removable beams.

.... in no. (length) x (span) mm pit clear opening multi span cover and frame.

COEX Type CDMS Ductile Iron Solid Top Cover in parts complete with

.... in no. x mm galvanised removable support beam spanning the (length) mm way.

Suitable for Loading Group D400 – 11.5 Tonnes Slow Moving Wheel Load (pneumatic tyre).

Standard pit clear opening sizes are shown on Page 13.

Beam sizes and other dimensions are shown on Pages 14 and 15.

Multispan covers and frames

Product Selection

Refer to the table to identify which cover and beam configuration you require against pit clear opening length (L) and pit clear opening span (S). All dimensions are in millimetres.

		Pit clear opening length (L) mm												Beam centres mm															
		2 parts			3 parts				4 parts					A	B	C	D	E											
		1200	1350	1500	1650	1800	1900	2050	2200	2350	2500	2650	2800	2600	2750	2900	3050	3200	3350	3500	3650	3800							
2 parts 1 beam	1370	[Diagram]			[Diagram]				[Diagram]																				
	1520	[Diagram]			[Diagram]				[Diagram]																				
	1670	[Diagram]			[Diagram]				[Diagram]																				
	1820	[Diagram]			[Diagram]				[Diagram]																				
	1970	[Diagram]			[Diagram]				[Diagram]																				
3 parts 2 beams	2140	[Diagram]			[Diagram]				[Diagram]					685	770	685													
	2290	[Diagram]			[Diagram]				[Diagram]					685	920	685													
	2440	[Diagram]			[Diagram]				[Diagram]					835	770	835													
	2590	[Diagram]			[Diagram]				[Diagram]					835	920	835													
	2740	[Diagram]			[Diagram]				[Diagram]					835	1070	835													
	2890	[Diagram]			[Diagram]				[Diagram]					985	920	985													
4 parts 3 beams	3040	[Diagram]			[Diagram]				[Diagram]					985	1070	985													
	3210	[Diagram]			[Diagram]				[Diagram]					685	770	770	685												
	3360	[Diagram]			[Diagram]				[Diagram]					835	770	770	685												
	3510	[Diagram]			[Diagram]				[Diagram]					835	770	770	835												
	3660	[Diagram]			[Diagram]				[Diagram]					835	920	920	685												
	3810	[Diagram]			[Diagram]				[Diagram]					835	920	920	835												
	3960	[Diagram]			[Diagram]				[Diagram]					985	920	920	835												
5 parts 4 beams	4110	[Diagram]			[Diagram]				[Diagram]					985	920	920	985												
	4260	[Diagram]			[Diagram]				[Diagram]					985	1070	1070	835												
	4410	[Diagram]			[Diagram]				[Diagram]					985	1070	1070	985												
	3680	[Diagram]			[Diagram]				[Diagram]					685	770	770	770	685											
	3830	[Diagram]			[Diagram]				[Diagram]					685	770	920	770	685											
	3980	[Diagram]			[Diagram]				[Diagram]					835	770	770	770	835											
	4130	[Diagram]			[Diagram]				[Diagram]					685	920	920	920	685											
	4280	[Diagram]			[Diagram]				[Diagram]					835	920	770	920	835											
4430	[Diagram]			[Diagram]				[Diagram]					835	920	920	920	835												
4580	[Diagram]			[Diagram]				[Diagram]					835	920	1070	920	835												
4730	[Diagram]			[Diagram]				[Diagram]					985	920	920	920	985												
4880	[Diagram]			[Diagram]				[Diagram]					985	920	1070	920	985												
5030	[Diagram]			[Diagram]				[Diagram]					985	1070	920	1070	985												
5180	[Diagram]			[Diagram]				[Diagram]					985	1070	1070	1070	985												

Note: For other pit clear opening sizes please refer to our technical department



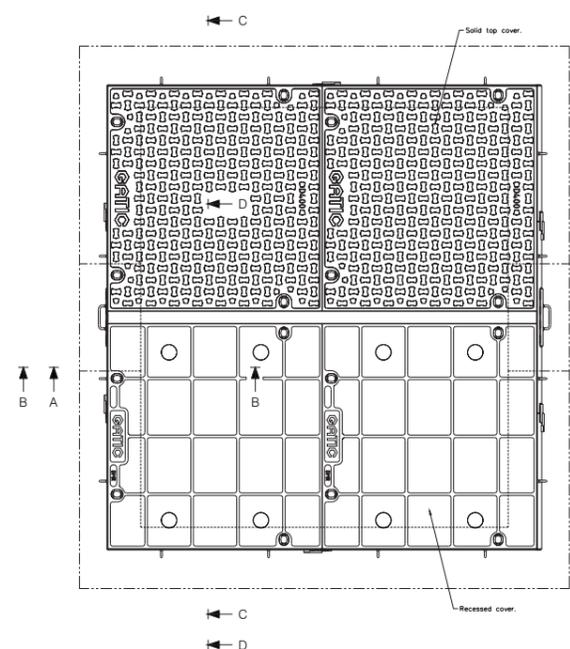
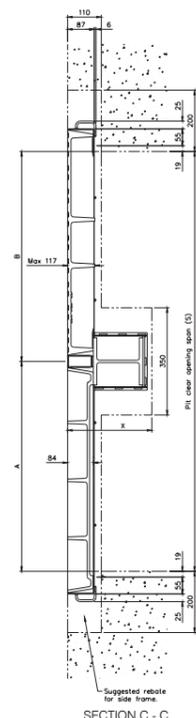
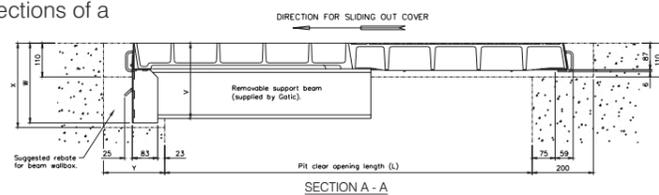
GATIC® COEX – Heavy Duty

Multispan covers and frames



- Covers recessed for concrete infill or solid top
- Cover types: CDMR (recessed) CDMS (solid top)

The details below show plan and sections of a typical recessed/solid top unit.



Multispan covers and frames



Beam Size

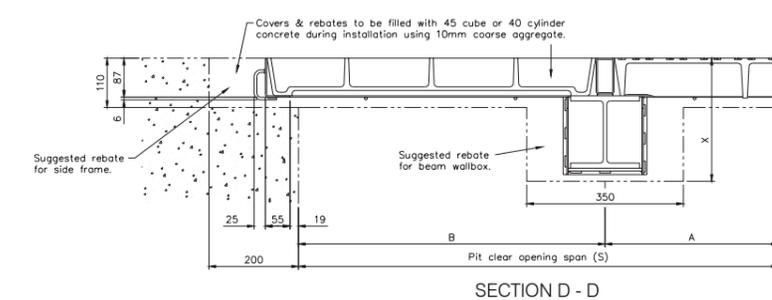
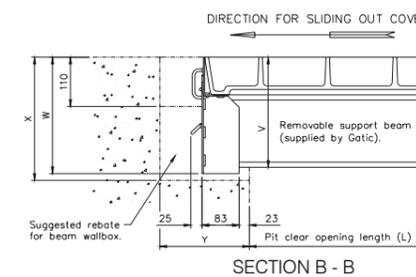
The required beam size for Multispan covers is dependent on the pit clear opening length and the loading group.

The table shows maximum beam length against beam size. The removable support beams are supplied by Gatic.

The table also indicates dimensions of the beam wallbox and rebate to suit different beam sizes. See also the accompanying section details.

Support beam size chart

Removable support beam size	Max pit clear opening length (L)	Beam wallbox dimensions			
		V	W	X	Y
152 x 152 x 37kg/m UC	1350	246	256	285	200
203 x 152 x 52kg/m RSJ	1800	287	297	325	200
305 x 165 x 54kg/m UB	2350	395	405	435	200
356 x 171 x 67kg/m UB	2900	448	458	490	300
457 x 152 x 82kg/m UB	3350	549	559	585	300
533 x 210 x 122kg/m UB	3800	629	639	665	300



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