

AIRPORT PITS

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PRECAST BESPOKE PIT SOLUTIONS PROVIDE A REAL ALTERNATIVE TO IN-SITU BUILT PITS.

Most airfield projects require the construction of large concrete pits for the main electrical and communication installations. Traditionally, due to their size, these have been constructed in-situ. However, a modular concrete design has been developed which is factory produced and then assembled on site.

This whole approach has produced a solution which has made a significant and sustainable contribution towards reducing the impact of construction works in the airport environment, including time spent on-site, runway possessions and noise.

The end product is of a consistently high quality and has the added value of being easier to maintain and alter in the future.

FLEXIBLE DESIGN

The design of the pits incorporates specially formed plastic sleeves which contain built-in stoppers.

The added benefit of the built-in stopper is that during installation and throughout its life, water

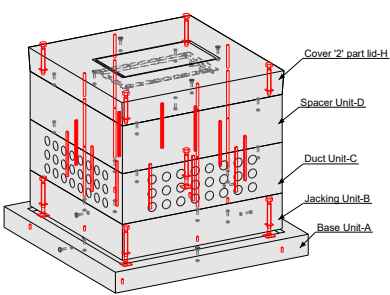
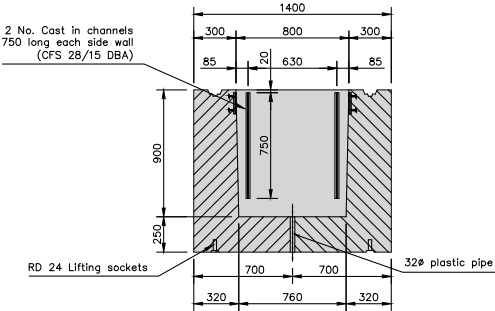
ingress through the ducts is prevented. There are many other benefits, some of which are listed below:

WHY CHOOSE AN OFF-SITE SOLUTION?

- 95 per cent reduction in site man-hours for pit construction
- 85 per cent reduction in on-site construction programme
- 55 per cent reduction in lorry movements for deliveries
- Virtual elimination of on-site waste
- Elimination of need for confined space working
- Significant reduction in site noise
- Significant reduction in the number of potential safety hazards
- Provision of a consistently high quality product
- Product designed for future alterations

Where large repetition exists, FP McCann is able to develop a pit solution to suit the specific needs of the client.

PRECAST AIRPORT PIT TYPES F900 AIRPORT PITS AVAILABLE FROM STOCK



PE1 PIT

PIT TYPE	UNIT	DESCRIPTION	UNIT WEIGHT (TONNES)	EXT. LENGTH (MM)	EXT. WIDTH (MM)	EXT. DEPTH (MM)	INT DIMS (M)
PP3	A	Base Unit	5.84	3500	3500	350	2.3 x 2.3m
PP3	B	Jacking Unit	5.15	2900	2900	600	2.3 x 2.3m
PP3	C	Duct Unit	4.64	2900	2900	850	2.3 x 2.3m
PP3	X	Duct Unit	5.98	2900	2900	1100	2.3 x 2.3m
PP3	D	Spacer Unit	6.32	2900	2900	800	2.3 x 2.3m
PP3	E	Spacer Unit	3.93	2900	2900	500	2.3 x 2.3m
PP3	F	Spacer Unit	3.14	2900	2900	400	2.3 x 2.3m
PP3	G	Spacer Unit	2.34	2900	2900	300	2.3 x 2.3m
PP3	H	Cover '2' part lid	7.94	2940	2940	400	2.3 x 2.3m
PP3	H3	Cover '3' part lid	8.97	2940	2940	500	2.3 x 2.3m
PP3	H3 'O'	Cover '3' part lid	8.97	2940	2940	500	2.3 x 2.3m
PE2	A	Base Unit	5.31	2100	1300	1100	1.5 x 0.7m
PE2	B	Base Unit	6.41	2100	1300	1350	1.5 x 0.7m
PE2	C	Base Unit	7.07	2100	1300	1500	1.5 x 0.7m
PE2	CVR	Cover '2' part lid	1.80	2130	1330	300	1.5 x 0.7m
PP5	A	Base Unit	3.87	2700	2700	350	1.5 x 1.5m
PP5	B	Jacking Unit	3.73	2100	2100	600	1.5 x 1.5m
PP5	C	Duct Unit	3.64	2100	2100	850	1.5 x 1.5m
PP5	X	Duct Unit	4.67	2100	2100	1100	1.5 x 1.5m
PP5	D	Spacer Unit	4.23	2100	2100	800	1.5 x 1.5m
PP5	E	Spacer Unit	2.65	2100	2100	500	1.5 x 1.5m
PP5	F	Spacer Unit	2.12	2100	2100	400	1.5 x 1.5m
PP5	G	Spacer Unit	1.59	2100	2100	300	1.5 x 1.5m
PP5	H	Cover '2' part lid	3.84	2140	2140	400	1.5 x 1.5m
PE1	A	Base Unit	3.87	1400	1325	1150	0.8 x 0.725m
PE1	CVR	Cover '1' part lid	1.37	1430	1355	300	0.8 x 0.725m
PE3	A	Base Unit	6.58	2900	1300	1000	2.3 x 0.7m
PE3	B	Base Unit	7.97	2900	1300	1250	2.3 x 0.7m
PE3	C	Base Unit	8.81	2900	1300	1400	2.3 x 0.7m
PE3	CVR	Cover '3' part lid	2.35	2940	1340	400	2.3 x 0.7m