

FACTORY

PLANT PRECAST CIBITUNG

Jl. Imam Bonjol, Desa Telaga Asih
Cibitung - Bekasi
T. 021.8836.2536 - 8836.2537
F. 021.8836.2531

PLANT PRECAST CIKARANG

Jl. Raya Industri, Tegal Gede Pasir Sari
Cikarang Selatan
T. 021.893.6722

PLANT PRECAST KARAWANG

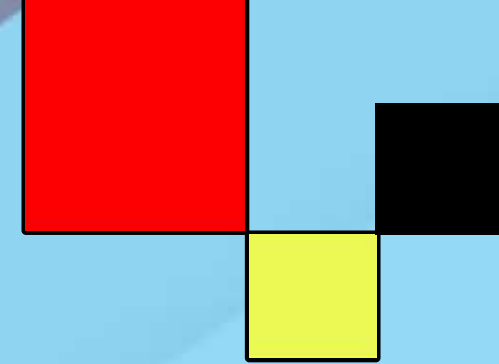
Desa Purwasari, Kec. Purwasari &
Desa Dawuan Barat, Kec. Cikampek
Kab. Karawang

PLANT PRECAST SURABAYA

Jl. Tambak Osowilangun 7E
Kota Surabaya
T. 031.749.4311
F. 031.748.2229

PLANT PRECAST MANYAR

Kawasan Industri Manyar - JIPE
Jl. Industri Manyar Km.11, Manyarejo
Manyar - Gresik



PRECAST U-DITCH BOX CULVERT



Member of ADHIMIX GROUP

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OPERATION OFFICE

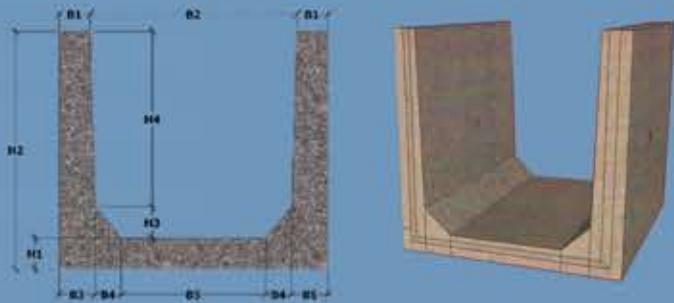
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U-DITCH

U-Ditch is reinforced concrete channel with U-shaped section and can also be covered.
Usually used for drainage or irrigation



U-DITCH TABLE

NO	TYPE	DIMENSION										WEIGHT ton
		B1 mm	B2 mm	B3 mm	B4 mm	B5 mm	H1 mm	H2 mm	H3 mm	H4 mm	L mm	
1	U - 30 x 20 x 120	45	300	50	40	210	60	260	40	160	1200	0.127
2	U - 30 x 30 x 120	45	300	50	40	210	60	360	40	260	1200	0.155
3	U - 30 x 40 x 120	45	300	60	40	190	60	460	40	360	1200	0.195
4	U - 30 x 50 x 120	45	300	60	40	190	60	560	40	460	1200	0.225
5	U - 40 x 30 x 120	50	400	60	70	240	70	370	70	230	1200	0.212
6	U - 40 x 40 x 120	50	400	60	70	240	70	470	70	330	1200	0.244
7	U - 40 x 50 x 120	50	400	70	70	220	70	570	70	430	1200	0.292
8	U - 40 x 60 x 120	50	400	70	70	220	70	670	70	530	1200	0.326
9	U - 40 x 70 x 120	50	400	80	70	200	70	770	70	630	1200	0.383
10	U - 50 x 30 x 120	70	500	80	70	340	70	370	70	230	1200	0.275
11	U - 50 x 40 x 120	70	500	80	70	340	70	470	70	330	1200	0.318
12	U - 50 x 50 x 120	70	500	90	70	320	70	570	70	430	1200	0.378
13	U - 50 x 60 x 120	70	500	90	70	320	70	670	70	530	1200	0.424
14	U - 50 x 70 x 120	70	500	100	70	300	70	770	70	630	1200	0.492
15	U - 60 x 40 x 120	70	600	80	70	440	70	470	70	330	1200	0.338
16	U - 60 x 50 x 120	70	600	90	70	420	70	570	70	430	1200	0.398
17	U - 60 x 60 x 120	70	600	90	70	420	70	670	70	530	1200	0.444
18	U - 60 x 70 x 120	70	600	100	70	400	70	770	70	630	1200	0.512
19	U - 60 x 80 x 120	70	600	100	70	400	70	870	70	730	1200	0.561
20	U - 60 x 100 x 120	70	600	110	70	380	70	1070	70	930	1200	0.690
21	U - 80 x 60 x 120	70	800	90	70	620	100	700	70	530	1200	0.565
22	U - 80 x 70 x 120	70	800	100	70	600	100	800	70	630	1200	0.634
23	U - 80 x 80 x 120	70	800	100	70	600	100	900	70	730	1200	0.683
24	U - 80 x 100 x 120	70	800	110	70	580	100	1100	70	930	1200	0.811
25	U - 80 x 120 x 120	70	800	120	70	560	100	1300	70	1130	1200	0.952
26	U - 100 x 80 x 120	90	1000	120	100	740	110	910	100	700	1200	0.895
27	U - 100 x 100 x 120	90	1000	130	100	720	110	1110	100	900	1200	1.048
28	U - 100 x 120 x 120	90	1000	140	100	700	110	1310	100	1100	1200	1.212
29	U - 100 x 140 x 120	90	1000	150	100	680	110	1510	100	1300	1200	1.388
30	U - 120 x 100 x 120	95	1200	140	100	910	130	1130	100	900	1200	1.239
31	U - 120 x 120 x 120	95	1200	150	100	890	130	1330	100	1100	1200	1.412
32	U - 120 x 140 x 120	95	1200	160	100	870	130	1530	100	1300	1200	1.596
33	U - 120 x 160 x 120	95	1200	170	100	850	130	1730	100	1500	1200	1.792
34	U - 140 x 120 x 120	100	1400	150	120	1060	150	1350	120	1080	1200	1.614
35	U - 140 x 140 x 120	100	1400	160	120	1040	150	1550	120	1280	1200	1.802
36	U - 140 x 160 x 120	100	1400	170	120	1020	150	1750	120	1480	1200	2.001
37	U - 140 x 180 x 120	100	1400	180	120	1000	150	1950	120	1680	1200	2.212
38	U - 150 x 200 x 120	150	1500	240	150	1020	200	2200	150	1850	1200	3.387
39	U - 160 x 140 x 120	110	1600	170	150	1180	170	1570	150	1250	1200	2.111
40	U - 160 x 160 x 120	110	1600	180	150	1160	170	1770	150	1450	1200	2.322
41	U - 160 x 180 x 120	110	1600	190	150	1140	170	1970	150	1650	1200	2.546
42	U - 160 x 200 x 120	110	1600	200	150	1120	170	2170	150	1850	1200	2.780
43	U - 200 x 250 x 120	135	2000	195	300	1380	200	2700	300	2200	1200	4.052
44	U - 250 x 150 x 120	165	2500	175	150	2180	200	1700	150	1350	1200	3.168
45	U - 250 x 250 x 120	185	2500	195	300	1880	250	2750	300	2200	1200	5.070
46	U - 300 x 250 x 120	185	3000	195	300	2380	250	2750	300	2200	1200	5.430
47	U - 350 x 150 x 120	165	3500	175	150	3180	200	1700	150	1350	1200	3.744
48	U - 350 x 250 x 120	185	3500	195	300	2880	250	2750	300	2200	1200	5.790
49	U - 400 x 250 x 120	185	4000	195	300	3380	250	2750	300	2200	1200	6.150
50	U - 400 x 200 x 120	200	4000	210	300	3380	250	2250	300	1700	1200	5.797
51	U - 500 x 200 x 120	200	5000	210	300	4380	250	2250	300	1700	1200	6.517

TECHNICAL SPECIFICATION :

Type : Precast

Concete Strength : min fc 29 Mpa (K-350)

Rebar : SNI 2052 ; 2017

Dia ≥ 13 mmBjTS 420

Dia < 13 mmBjTS 280

Wire Mesh U-500

COVER U-DITCH TABLE - LIGHT DUTY

NO	TYPE	DIMENSION								WEIGHT ton
		B mm	H mm	B1 mm	B2 mm	B3 mm	B4 mm	H1 mm	L mm	
1	U - 30 x 10.2 x 60	300	102	45	55	390	280	77	600	0.042
2	U - 40 x 12.2 x 60	400	122	5	60	500	380	97	600	0.065
3	U - 50 x 13.2 x 60	500	132	70	80	640	480	107	600	0.840
4	U - 60 x 14.2 x 60	600	142	70	80	740	580	117	600	0.108
5	U - 80 x 15.2 x 60	800	152	70	80	940	780	127	600	0.138
6	U - 100 x 15.2 x 60	1000	152	90	100	1180	980	127	600	0.209
7	U - 120 x 15.2 x 60	1200	152	95	105	1390	1180	127	600	0.246
8	U - 140 x 18.0 x 60	1400	180	100	110	1600	1380	155	600	0.356
9	U - 150 x 20.0 x 60	1500	200	110	120	1720	1480	175	600	0.460
10	U - 160 x 20.0 x 60	1600	200	110	120	1820	1580	175	600	0.487

COVER U-DITCH TABLE - HEAVY DUTY

NO	TYPE	DIMENSION								WEIGHT ton
		B mm	H mm	B1 mm	B2 mm	B3 mm	B4 mm	H1 mm	L mm	
1	U - 30 x 10.2 x 60	300	102	45	55	390	280	77	600	0.057
2	U - 40 x 12.2 x 60	400	122	5	60	500	380	97	600	0.088
3	U - 50 x 13.2 x 60	500	132	70	80	640	480	107	600	0.122
4	U - 60 x 14.2 x 60	600	142	70	80	740	580	117	600	0.151
5	U - 80 x 15.2 x 60	800	152	70	80	940	780	127	600	0.206
6	U - 100 x 15.2 x 60	1000	152	90	100	1180	980	127	600	0.258
7	U - 120 x 15.2 x 60	1200	152	95	105	1390	1180	127	600	0.304
8	U - 140 x 18.0 x 60	1400	180	100	110	1600	1380	155	600	0.415
9	U - 150 x 20.0 x 60	1500	200	110	120	1720	1480	175	600	0.495
10	U - 160 x 20.0 x 60	1600	200	110	120	1820	1580	175	600	0.524

COVER U-DITCH

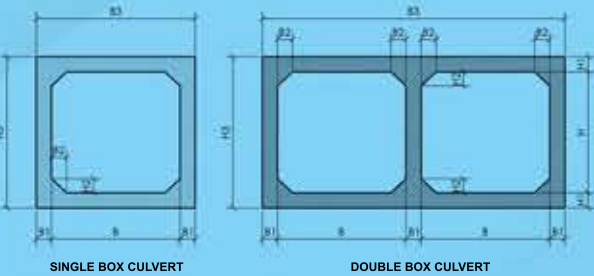


Type 1

Type 2

BOX CULVERT

Box culvert is one type of precast concrete that is often used in waterway construction, so it is often referred to as a sewer.



SINGLE BOX CULVERT

LIGHT DUTY

NO	TYPE	DIMENSION										WEIGHT
		B mm	H mm	B1 mm	B3 mm	B2 mm	H4 mm	H3 mm	H2 mm	L mm	panel ton	
1	BC 50 x 50 x 120	500	500	100	700	100	100	700	100	1200	0.749	
2	BC 60 x 60 x 120	600	600	120	840	120	120	840	120	1200	1.078	
3	BC 60 x 70 x 120	600	700	120	840	120	120	940	120	1200	1.147	
4	BC 80 x 70 x 120	800	700	130	1060	130	130	960	130	1200	1.415	
5	BC 80 x 80 x 120	800	800	130	1060	130	130	1060	130	1200	1.490	
6	BC 80 x 100 x 120	800	1000	130	1060	130	130	1260	130	1200	1.640	
7	BC 90 x 90 x 120	900	900	130	1160	130	130	1160	130	1200	1.640	
8	BC 100 x 100 x 120	1000	1000	160	1320	160	160	1320	160	1200	2.286	
9	BC 100 x 150 x 120	1000	1500	170	1340	170	170	1840	170	1200	2.947	
10	BC 100 x 200 x 120	1000	2000	180	1360	180	180	2360	180	1200	3.670	
11	BC 120 x 120 x 120	1200	1200	180	1560	180	180	1560	150	1200	3.017	
12	BC 150 x 150 x 120	1500	1500	180	1860	180	180	1860	180	1200	3.670	
13	BC 200 x 100 x 120	2000	1000	220	2440	220	220	2440	220	1200	4.638	
14	BC 200 x 150 x 120	2000	1500	230	2460	230	230	2960	230	1200	5.551	
15	BC 200 x 200 x 120	2000	2000	250	2500	250	250	2500	250	1200	6.840	
16	BC 200 x 250 x 120	2000	2500	260	2520	260	260	3020	260	1200	7.907	
17	BC 250 x 250 x 120	2500	2500	280	3060	280	280	3060	280	1200	9.419	
18	BC 300 x 300 x 120	3000	3000	280	3560	280	280	3560	280	1200	9.419	
19	BC 300 x 150 x 120	3000	1500	280	3560	280	280	2060	280	1200	8.612	
20	BC 300 x 200 x 120	3000	2000	300	3600	300	300	2600	300	1200	10.195	
21	BC 300 x 250 x 120	3000	2500	300	3600	300	300	3100	300	1200	11.059	
22	BC 300 x 300 x 120	3000	3000	300	3600	300	300	3600	300	1200	11.923	