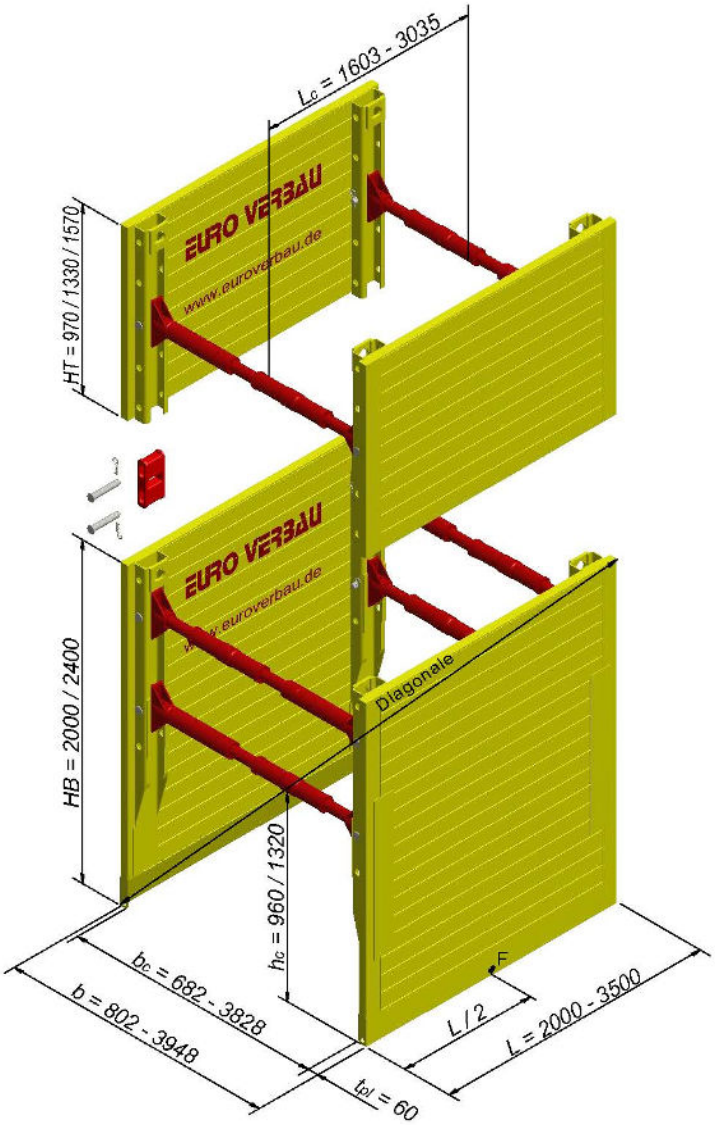
Lc = 1603 - 3035
HT = 970 / 1330 / 1570
HB = 2000 / 2400
Diagonale
hc = 960 / 1320
bc = 682 - 3828
b = 802 - 3948
tpl = 60
L / 2
L = 2000 - 3500
F
EURO VERBAU
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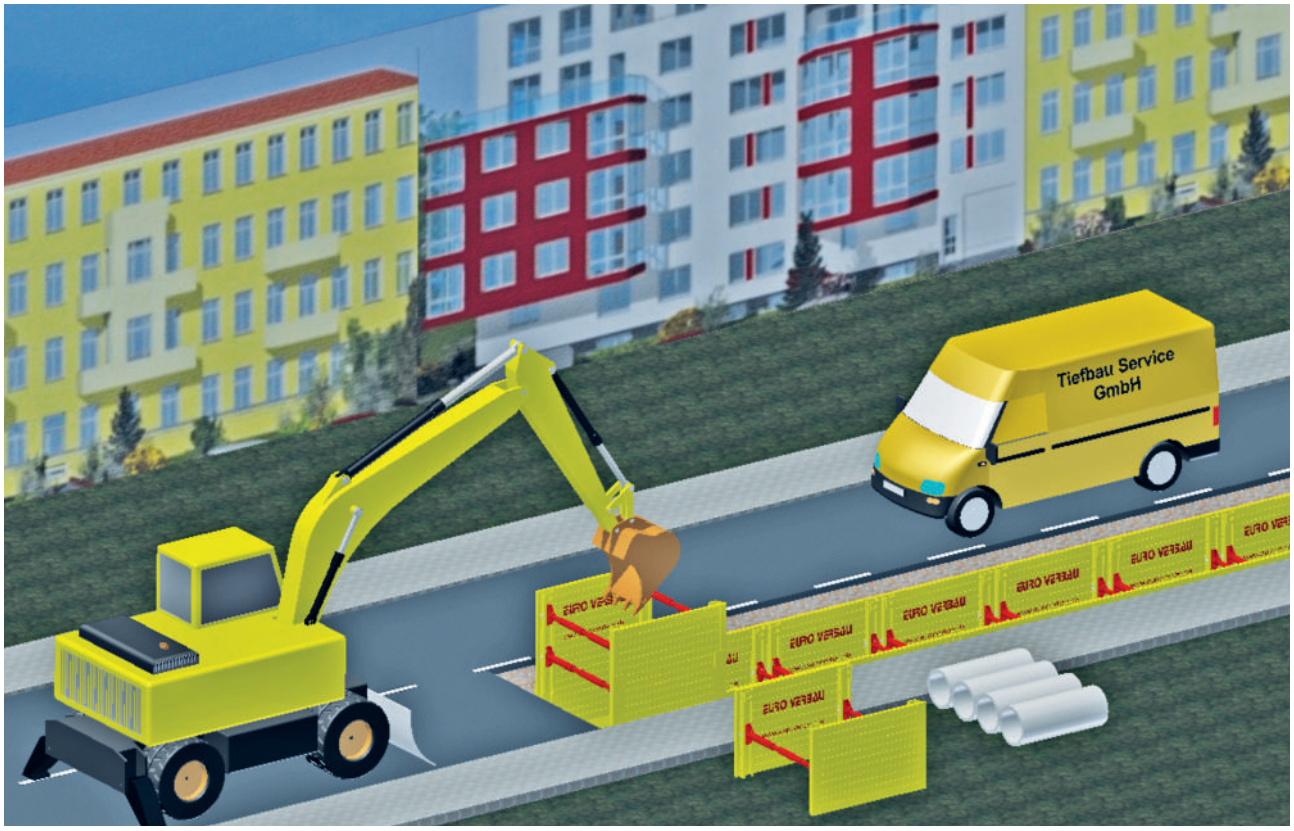
Tiefbau Service GmbH
EURO VERBAU

CITY-BOX VB 60

EURO VERBAU®

: 4,00 m

Ø : 1,32 m

↔ : 2,00 m tot 3,50 m

	Dimensions [mm]	Weight Panel [kg]	Weight Element [kg]	Pipe Clearance h_c [mm]	Pipe Inlay Length L_c [mm]	Diagonal max. [mm]	Area Element [m2]	Max. Ground Force (R_k)[kN/m³]	Deflection (F) [mm]
Base Panel	L x HB x t_{pl}		with 4 Spindles SP SB 110 x 700						
VB 60 3500x2000	3500x2000x60	645	1601	940	3035	4284	14,00		
VB 60 3000x2000	3000x2000x60	457	1225	940	2603	3886	12,00		
VB 60 3500x2400	3500x2400x60	748	1807	1300	3035	4484	16,80	33,99	52,39
VB 60 3000x2400	3000x2400x60	526	1363	1300	2603	4106	14,40	33,66	38,34
VB 60 2500x2400	2500x2400x60	466	1243	1300	2103	3756	12,00	43,81	27,63
VB 60 2000x2400	2000x2400x60	396	1103	1300	1603	3444	9,60	54,78	20,86
Top Panel	L x HT x t_{pl}		with 2 Spindles SP SB 98 x 700						
VB A 60 3500x1000	3500x970x60	334	824		3035		6,79		
VB A 60 3000x1000	3000x970x60	246	648		2603		5,82		
VB A 60 3500x1300	3500x1330x60	443	1042		3035		9,31	33,99	
VB A 60 3000x1300	3000x1330x60	321	798		2603		7,98	33,66	
VB A 60 2500x1300	2500x1330x60	284	724		2103		6,65	43,81	
VB A 60 2000x1300	2000x1330x60	242	640		1603		5,32	54,78	
VB A 60 3500x1600	3500x1570x60	523	1202		3035		10,99	33,99	
VB A 60 3000x1600	3000x1570x60	371	898		2603		9,42	33,66	
VB A 60 2500x1600	2500x1570x60	329	814		2103		7,85	43,81	
VB A 60 2000x1600	2000x1570x60	280	716		1603		6,28	54,78	

Spindle SP SB

Type 110 x 392
Type 110 x 550
Type 110 x 700

Spindle SP SB Type 110 x 392				
Length Extension [mm]	Outside dimension b [mm]		Working Width b_C [mm]	
	min.	max.	min.	max.
zonder	804	866	684	746
300	1104	1166	984	1046
500	1304	1366	1184	1246
1000	1804	1866	1684	1746
1500	2304	2366	2184	2246
2000	2804	2866	2684	2746
2500	3304	3366	3184	3246

Spindle SP SB Type 110 x 550				
Length Extension [mm]	Outside Dimension b [mm]		Working Width b_C [mm]	
	min.	max.	min.	max.
zonder	930	1087	810	967
300	1230	1387	1110	1267
500	1430	1587	1310	1467
1000	1930	2087	1810	1967
1500	2430	2587	2310	2467
2000	2930	3087	2810	2967
2500	3430	3587	3310	3467

Spindle SP SB Type 110 x 700				
Length Extension [mm]	Outside Dimension b [mm]		Working Width b_C [mm]	
	min.	max.	min.	max.
zonder	1110	1390	990	1270
300	1410	1690	1290	1570
500	1610	1890	1490	1770
1000	2110	2390	1990	2270
1500	2610	2890	2490	2770
2000	3110	3390	2990	3270
2500	3610	3890	3490	3770

Spindle SP SB

Type D 98 x 392
Type C 98 x 550
Type B 98 x 700

Spindle SP SB Type D 98 x 392				
Length Extension [mm]	Outside Dimension b [mm]		Working Width b_C [mm]	
	min.	max.	min.	max.
zonder	802	870	682	750
300	1102	1170	982	1050
500	1302	1370	1182	1250
1000	1802	1870	1682	1750
1500	2302	2370	2182	2250
2000	2802	2870	2682	2750
2500	3302	3370	3182	3250

Spindle SP SB Type C 98 x 550				
Length Extension [mm]	Outside Dimension b [mm]		Working Width b_C [mm]	
	min.	max.	min.	max.
zonder	932	1132	812	1012
300	1232	1432	1112	1312
500	1432	1632	1312	1512
1000	1932	2132	1812	2012
1500	2432	2632	2312	2512
2000	2932	3132	2812	3012
2500	3432	3632	3312	3512

Spindle SP SB Type B 98 x 700				
Length Extension [mm]	Outside Dimension b [mm]		Working width b_C [mm]	
	min.	max.	min.	max.
zonder	1108	1448	988	1328
300	1408	1748	1288	1628
500	1608	1948	1488	1828
1000	2108	2448	1988	2328
1500	2608	2948	2488	2828
2000	3108	3448	2988	3328
2500	3608	3948	3488	3828

Article list

Article		Dimension [mm]	Article-Nr.	Weight Plate [kg]	Pcs.
Base Panel	VB 60	2000 x 2400	1202024	396	
	VB 60	2500 x 2400	1202524	466	
	VB 60	3000 x 2400	1203024	526	
	VB 60	3000 x 2000	1203020	457	
	VB 60	3500 x 2400	1203524	748	
	VB 60	3500 x 2000	1203520	645	
Top Panel	VB A 60	2000 x 1600	1202016	280	
	VB A 60	2000 x 1300	1202013	242	
	VB A 60	2500 x 1600	1202516	329	
	VB A 60	2500 x 1300	1202513	284	
	VB A 60	3000 x 1600	1203013	371	
	VB A 60	3000 x 1300	1203013	321	
	VB A 60	3000 x 1000	1203010	246	
	VB A 60	3500 x 1600	1203516	523	
	VB A 60	3500 x 1300	1203513	443	
	VB A 60	3500 x 1000	1203510	334	
Spindle	SP SB	110 x 700	1810700	40	
	SP SB	110 x 550	1810550	32	
	SP SB	110 x 392	1810392	24	
Spindle	SP SB Typ B	98 x 700	1800700	37	
	SP SB Typ C	98 x 550	1800550	27	
	SP SB Typ D	98 x 392	1800392	20	
Spring Spindle Holder		96	1700096	14	
Spring Spindle Holder		80	1700080	16	
Bolt		Ø40 x 212 mm	1700212	2,4	
Bolt		Ø20 x 140 mm	1700140	0,4	
Safety pin		92	1700092	0,1	
Connector			1700290	6,1	
Spindle Tool			170001g	3,7	
Quadruple Sling		1800 x 20	170423s	39	
Quadruple Sling		2300 x 20		42	
Quadruple Sling		2800 x 20		45	
Quadruple Chain		2300 x 13		47	
Panel Protector MB / VB 60		2300	1122500	191	
Panel Protector MB / VB 60		2800	1123000	220	

Usefull Information

A base element always contains :	4 Pcs. Spindles
A top element always contains :	2 Pcs. Spindles
For the connection between the base and top element you need :	4 Pcs. Connectors
	8 Pcs. Bolts Ø40 mm
	8 Pcs. Safety pins
A VB 60/100 spindle element contains :	1 Pcs. Spindle
	2 Pcs. Spring Spindle Holders
	2 Pcs. Bolts Ø40 mm
	2 Pcs. Bolts Ø20 mm
	4 Pcs. Safety pins