

The background of the entire page is a photograph of a construction site showing a narrow alleyway between tall, yellow sheet pile walls. The walls are branded with the 'STALRENT' logo and a phone number '52 340 66 67'. A blue geometric overlay, consisting of several overlapping triangles and polygons, is positioned on the right side of the image. The 'STALRENT' logo is prominently displayed at the top left, and the main title 'TRENCH SHEET SHORING SYSTEMS' is centered in the upper half. Below the title, the text 'For excavations' is written in a smaller font. At the bottom, the words 'PRODUCT CATALOGUE' are written in large, white-outlined letters.

STALRENT

TRENCH SHEET SHORING SYSTEMS

For excavations

PRODUCT CATALOGUE



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About the company

We are pleased to present you the offer of the company STALRENT. We do so in the belief that the proposals contained therein will prove interesting and worth considering and will encourage you to cooperate with our company. STALRENT owes its strong position on the market to many years of experience and clearly defined goals.

OUR MISSION

Since the beginning of its existence, STALRENT has set itself the goal of flexible and professional problem solving in the field of excavation protection. Our task is also to shorten the investment cycle through efficient logistics, complete deliveries and technical assistance, as well as continuous expansion of our range in accordance with the latest solutions. We make sure that each form of service we provide, in addition to purely commercial relations, helps build the basis for long-term cooperation with our Clients.

SCOPE OF ACTIVITY

STALRENT deals with the sale and rental of box excavation systems and protections, column supports, chamber sets and beam formworks.

We have a full selection of formworks for all types of applications.

We have over several hundred box type protection sets, which we rent to our Clients, systematically increasing the number of formworks.

We also offer the sale and rental of sheet piles and cold-formed profiles. In order to meet the expectations of our Clients, we offer both new and used products.

Our credibility and reliability are confirmed by many respected customers. The products of our production comply with the applicable European standards. All processes are covered by the Factory Production Control in accordance with the requirements of the standard 1090-1:2009+A1:2011, which is confirmed by the certificate issued by TÜV Rheinland. That is why we would like to cordially invite you to cooperate.

We are convinced that taking a closer look at our offer will help secure the future of your company.



SHORING SYSTEMS



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AL BOX

AL 60

MINI BOX

MINI 60

CITY BOX

MB 60

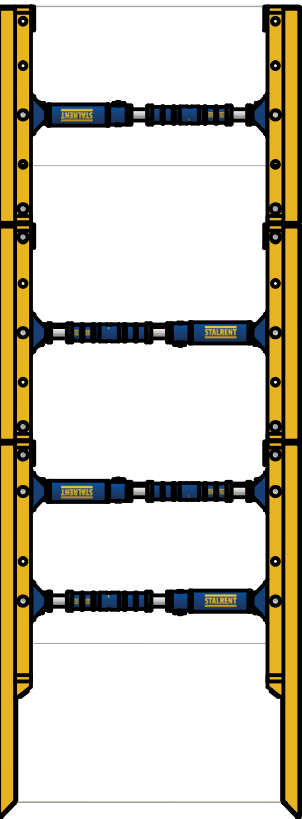
MANHOLE BOX

B5 60 / B5 100

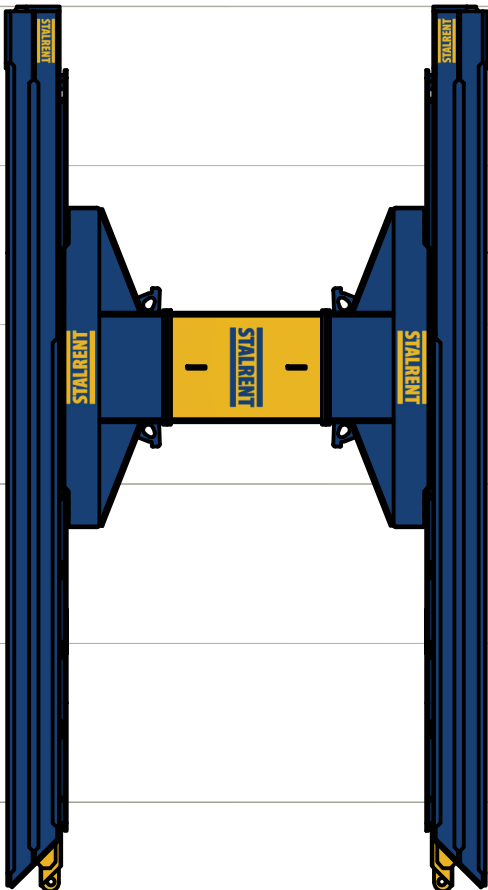




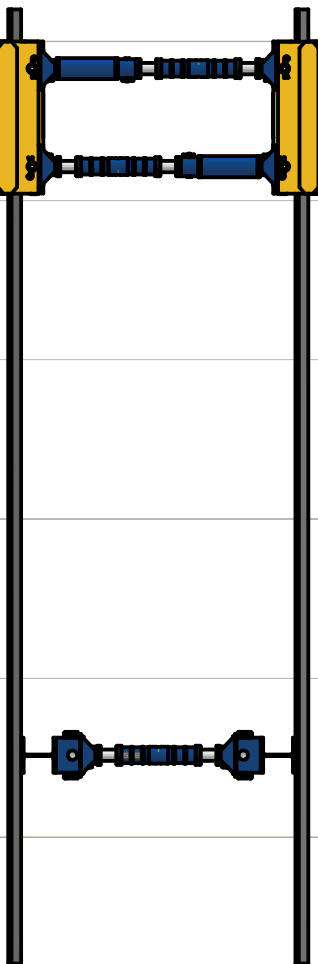
STANDARD BOX
SB 100



TRENCH LINING SYSTEM
SRR

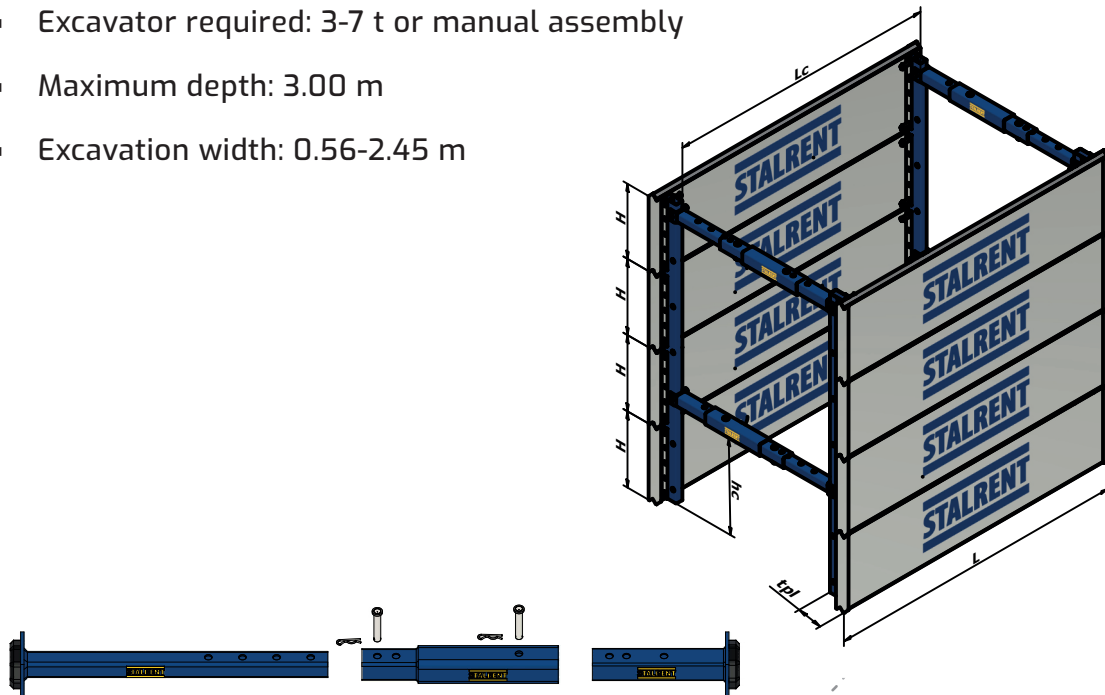


TRENCH BOX SYSTEM
KD



AL BOX AL 60

- Aluminum, the lightest formwork system for excavations
- Excavator required: 3-7 t or manual assembly
- Maximum depth: 3.00 m
- Excavation width: 0.56-2.45 m



Struts of AL 60

Type	Working width (mm)	Trench width (mm)	Elements
I	565-770	625-830	A+B
II	565-1190	625-1250	A+B+C
III	565-1610	625-1670	A+B+C+C
IV	565-2030	625-2090	A+B+C+C+C

Plates AL 60

Type	Plate length L (m)	Plate height H (m)	Plate thickness tpl (mm)	Internal length of the shoring L _c (m)	Pipe clearance height h _c (m)	Strength of the shoring R _k (kN/m ²)	Weight (kg)
AL 60 1500x500	1,50	0,50	60	1,30	0,65	102,3	21
AL 60 2000x500	2,00	0,50	60	1,80	0,65	83,6	27
AL 60 2500x500	2,50	0,50	60	2,30	0,65	55,0	33
AL 60 3000x500	3,00	0,50	60	2,80	0,65	34,7	39

MINI BOX MINI 60

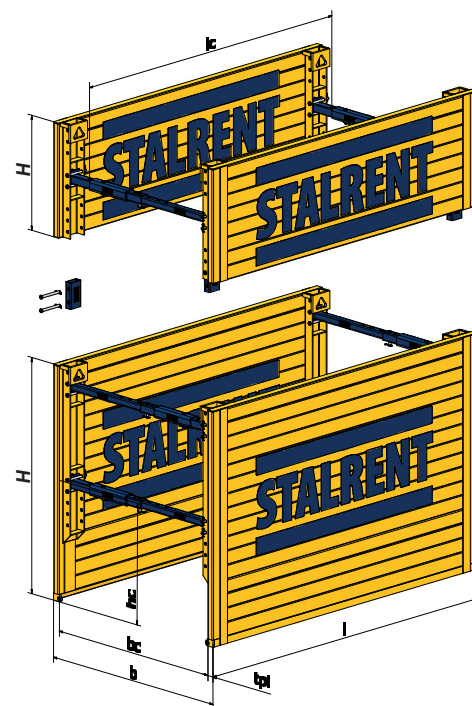
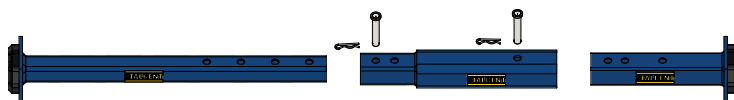
- Light, steel system used for small excavations
- Excavator required: 9-13 t
- Maximum depth: 3.00 m
- Excavation width: 0.56-2.45 m
- Working height: 0.94 m

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Strut type MINI 60 MINI BOX

Type	Working width (mm)	Trench width (mm)	Number of pivot pins 20x17	Elements
I	565-770	625-830	1	A+B
II	565-1190	625-1250	2	A+B+C
III	565-1610	625-1670	3	A+B+C+C
IV	565-2030	625-2090	4	A+B+C+C+C
V	565-2450	625-2510	5	A+B+C+C+C+C



Type	Plate length L (m)	Plate height H (m)	Plate thickness tpl (mm)	Internal length of the shoring L _c (m)	Pipe clearance height h _c (m)	Calculated Strength of the shoring (kN/m ²)	Strength of the shoring R _k (kN/m ²)	Box weight with type I strut (kg)
MINI 60 2000 x 2000	2,00	2,00	60	1,60	0,94	37,8	56,7	735
MINI N 60 2000 x 1000	2,00	1,00	60	1,60	0,94	37,8	56,7	385
MINI 60 2500 x 2000	2,50	2,00	60	2,10	0,94	28,7	43,0	845
MINI N 60 2500 x 2000	2,50	1,00	60	2,10	0,94	28,7	43,0	434
MINI 60 3000 x 2000	3,00	2,00	60	2,60	0,94	24,2	36,3	960
MINI N 60 3000 x 1000	3,00	1,00	60	2,60	0,94	24,2	36,3	730

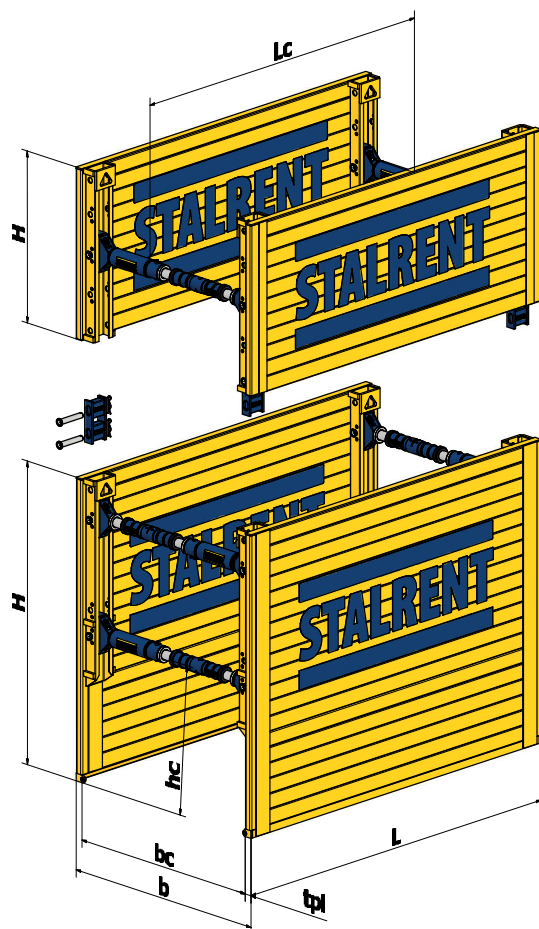
*Other dimensions on inquiry



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CITY BOX MB 60

- Light type formwork equipped with adjustable RS screw struts
- Excavator required: 12-18 t
- Maximum depth: 3.80 m
- Excavation width: 0,98–4,26 m
- Working height: 1.50 m



Accessories	Total weight (kg)
RP500	28
RP1000	39
RP1500	55
RP2000	69
Strut type RS 98x700	32
Strut type RSK 98x550	30
KS End	13
Pivot pin 20x147	0,5
Cotter pin fi 4 mm	0,1
Pivot pin 40x230	2,5
Cotter pin fi 6 mm	0,1
Complete strut RSK+2xKS+2x20x147+2x cotter pin fi4	65
Complete strut RS+2xKS+2x20x147+2x cotter pin fi4	70
LN connector	7
Press beam BDB 2000	75
Press beam BDB 2500	92
Press beam BDB 3000	110
Press beam BDB 3500	126

Name	Length of plate L (m)	Height of the plate H (m)	Thickness of the plate (mm)	Working length L _c (m)	Working height h _c (m)	Design strength (kN/m ²)	Characteristic strength R _k (kN/m ²)	Box weight (kg)
MB 60 2000x2400	2,00	2,40	60	1,60	1,27	40,00	60,00	1 390
MB 60 N 2000x1400	2,00	1,40	60	1,60		40,00	60,00	790
MB 60 2500x2400	2,50	2,40	60	2,10	1,27	32,00	48,00	1 560
MB 60 N 2500x1400	2,50	1,40	60	2,10		32,00	48,00	890
MB 60 3000x2400	3,00	2,40	60	2,60	1,27	27,00	40,50	1 740
MB 60 N 3000x1400	3,00	1,40	60	2,60		27,00	40,50	990
MB 60 3500x2400	3,50	2,40	60	3,10	1,27	22,50	33,75	1 900
MB 60 N 3500x1400	3,50	1,40	60	3,10		22,50	33,75	1 090

*Other dimensions on request

MANHOLE BOX SHORING BS 60 / BS 100

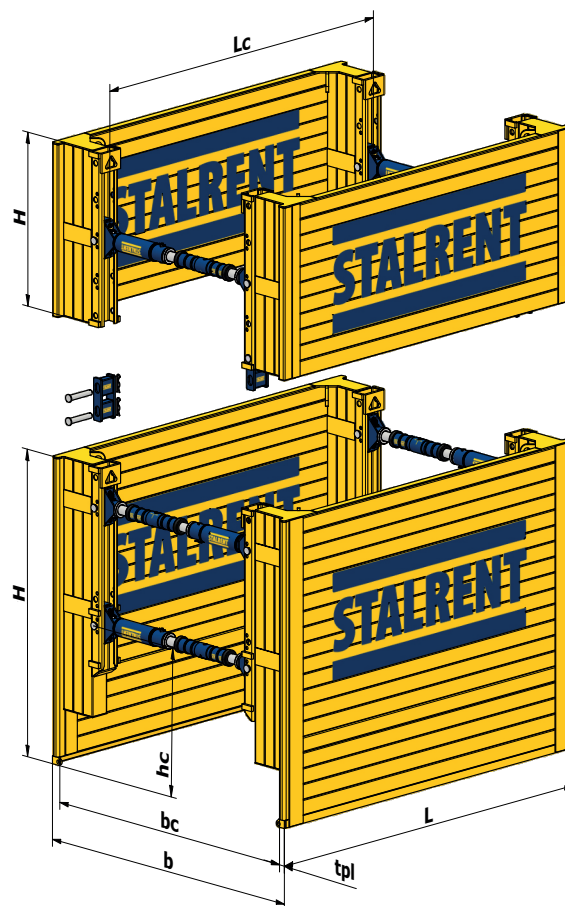
- Point formwork for use when founding a well
- Excavator required: 18-30 t
- Maximum depth: 5.20 m
- Excavation width: 1,58-4,86 m
- Working height: 1.50 m

Strut type 98x700

Quantity of extension tubes (L=0,50 m)	Working width b_c (m)	Trench width BS 60 b (m)	Trench width BS 100 b (m)	Total weight (kg)
0	1,58 - 1,86	1,71 - 1,99	1,80 - 2,08	65,00
1	2,08 - 2,36	2,27 - 2,49	2,30 - 2,58	84,80
2	2,58 - 2,86	2,71 - 2,99	2,80 - 3,08	104,60
3	3,08 - 3,36	3,21 - 3,49	3,30 - 3,58	124,40
4	3,58 - 3,86	3,71 - 3,99	3,80 - 4,08	144,20
5	4,08 - 4,36	4,21 - 4,49	4,30 - 4,58	164,00
6	4,58 - 4,86	4,71 - 4,99	4,80 - 5,08	183,80

Strut type 98x550

0	1,41 - 1,61	1,53 - 1,73	1,62 - 1,82	53,00
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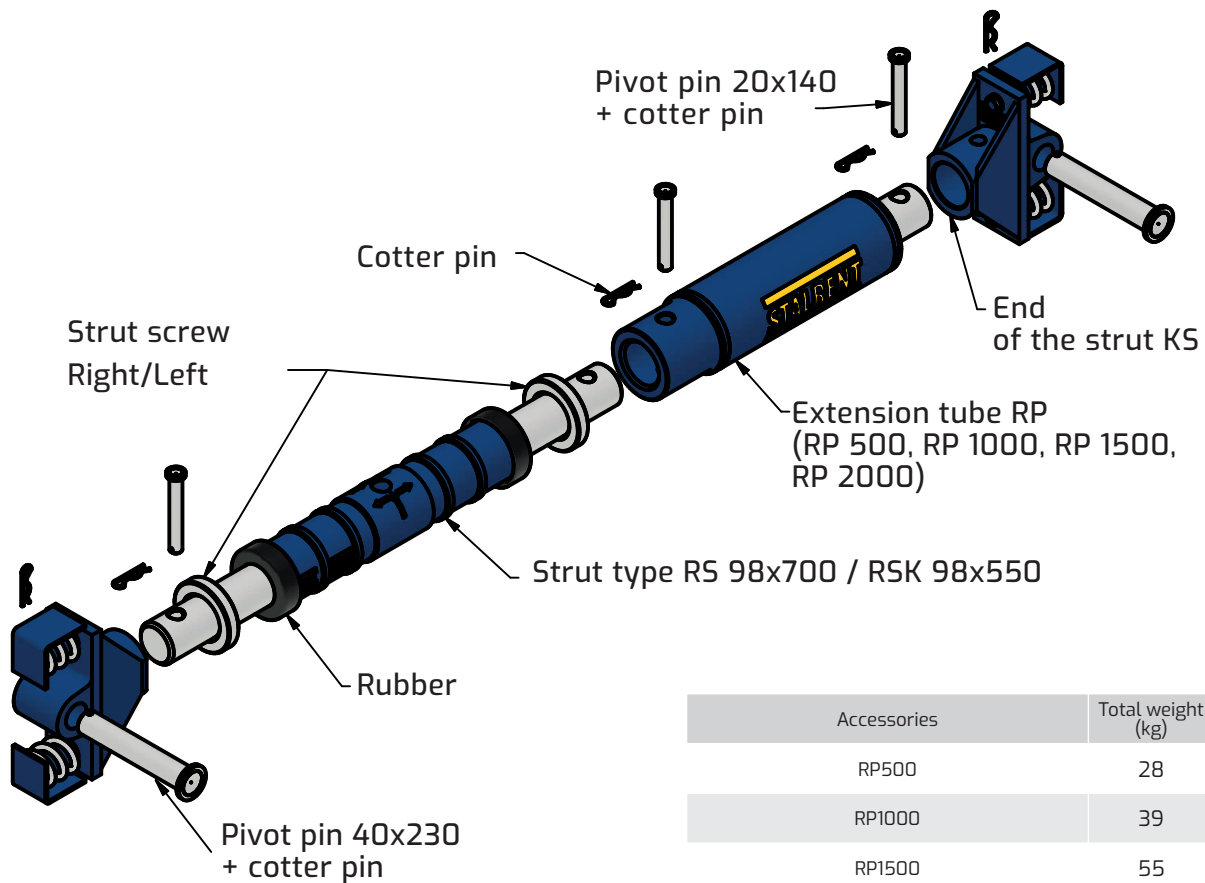
Name	Length of plate L (m)	Height of the plate H (m)	Thickness of the plate t_{pl} (mm)	Working length L_c (m)	Working height h_c (m)	Design strength (kN/m ²)	Characteristic strength R_k (kN/m ²)	Box weight (kg)
BS 60 2500x2400	2,50	2,40	60	2,10	1,50	35,00	38,50	1 780
BS 60 N 2500x1400	2,50	1,40	60	2,10		35,00	38,50	1 060
BS 60 3000x2400	3,00	2,40	60	2,60	1,50	29,00	31,90	1 960
BS 60 N 3000x1400	3,00	1,40	60	2,60		29,00	31,90	1 160
BS 60 3500x2400	3,50	2,40	60	3,10	1,50	26,00	28,60	2 120
BS 60 N 3500x1400	3,50	1,40	60	3,10		26,00	28,60	1 260

Name	Length of plate L (m)	Height of the plate (m)	Thickness of the plate (mm)	Working length L_c (m)	Working height h_c (m)	Design strength (kN/m ²)	Characteristic strength R_k (kN/m ²)	Box weight (kg)
BS 100 2500x2400	2,50	2,40	107	2,10	1,50	70,60	105,90	2 210
BS 100 N 2500x1400	2,50	1,40	107	2,10		70,60	105,90	1 360
BS 100 3000x2400	3,00	2,40	107	2,60	1,50	58,70	88,05	2 420
BS 100 N 3000x1400	3,00	1,40	107	2,60		58,70	88,05	1 470
BS 100 3500x2400	3,50	2,40	107	3,10	1,50	50,40	75,60	2 640
BS 100 N 3500x1400	3,50	1,40	107	3,10		50,40	75,60	1 520

*Other dimensions on request

STRUT TYPE 98x700

with extension tubes



Quantity of extension tubes (L=0,50 m)	Working width b_c (m)	Trench width MB 60 b (m)	Trench width SB 100 b (m)	Total weight (kg)
0	0,98 - 1,26	1,11 - 1,39	1,20 - 1,48	65,00
1	1,48 - 1,76	1,67 - 1,89	1,70 - 1,98	84,80
2	1,98 - 2,26	2,11 - 2,39	2,20 - 2,48	104,60
3	2,48 - 2,76	2,61 - 2,89	2,70 - 2,98	124,40
4	2,98 - 3,26	3,11 - 3,39	3,20 - 3,48	144,20
5	3,48 - 3,76	3,61 - 3,89	3,70 - 3,98	164,00
6	3,98 - 4,26	4,11 - 4,39	4,20 - 4,48	183,80

Strut type 98x550

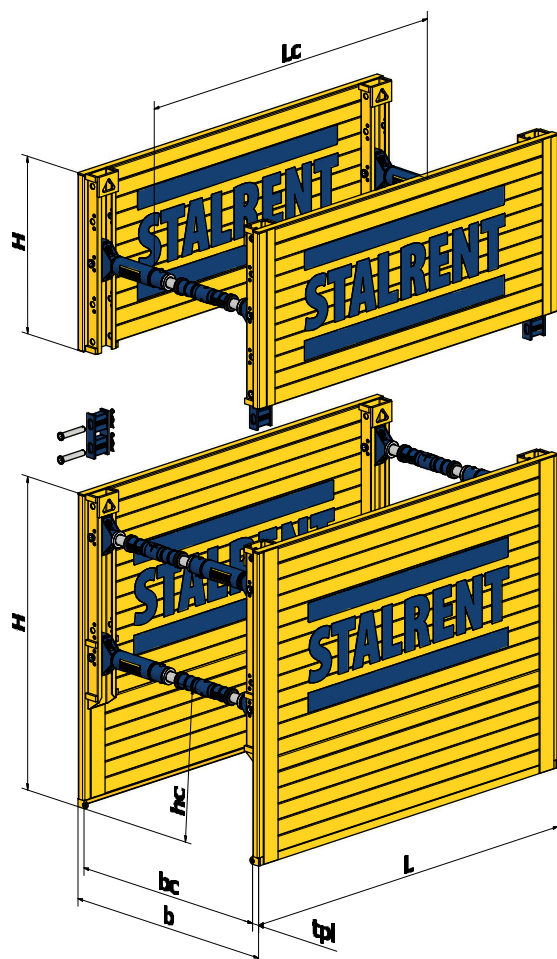
0	0,81 - 1,01	0,93 - 1,13	1,02 - 1,22	53,00
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Accessories	Total weight (kg)
RP500	28
RP1000	39
RP1500	55
RP2000	69
Strut type RS 98x700	32
Strut type RSK 98x550	30
KS End	13
Pivot pin 20x147	0,5
Cotter pin 4 mm	0,1
Pivot pin 40x230	2,5
Cotter pin 6 mm	0,1
Complete strut RSK+2xKS+2x20x147+2x Cotter pin 4 mm	65
Complete strut RS+2xKS+2x20x147+2x Cotter pin 4 mm	70



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STANDARD BOX SB 100



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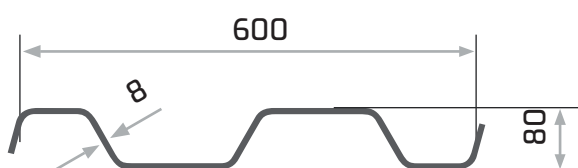
Accessories	Total weight (kg)
RP500	28
RP1000	39
RP1500	55
RP2000	69
Strut type RS 98x700	32
Strut type RSK 98x550	30
KS End	13
Pivot pin 20x147	0,5
Cotter pin fi 4 mm	0,1
Pivot pin 40x230	2,5
Cotter pin fi 6 mm	0,1
Complete strut RSK+2xKS+2x20x147 +2x Cotter pin fi4	65
Complete strut RS+2xKS+2x20x147 +2x Cotter pin fi4	70
LN connector	7
Press beam BDB 2000	75
Press beam BDB 2500	92
Press beam BDB 3000	110
Press beam BDB 3500	126

Name	Length of the plate L (m)	Height of the plate H (m)	Thickness of the plate tpl (mm)	Length working L _c (m)	Height working h _c (m)	Design strength (kN/m ²)	Characteristic strength R _k (kN/m ²)	Box weight (kg)
SB 100 2000x2400	2,00	2,40	100	1,60	1,50	88,00	132,00	1 610
SB 100 N 2000x1400	2,00	1,40	100	1,60		88,00	132,00	950
SB 100 2500x2400	2,50	2,40	100	2,10	1,50	70,60	105,90	1 830
SB 100 N 2500x1400	2,50	1,40	100	2,10		70,60	105,90	1 070
SB 100 3000x2400	3,00	2,40	100	2,60	1,50	58,70	88,05	2 040
SB 100 N 3000x1400	3,00	1,40	100	2,60		58,70	88,05	1 180
SB 100 3500x2400	3,50	2,40	100	3,10	1,50	50,40	75,60	2 260
SB 100 N 3500x1400	3,50	1,40	100	3,10		50,40	75,60	1 230
SB 100 4000x2400	4,00	2,40	100	3,60	1,50	44,00	66,00	2 470
SB 100 N 4000x1400	4,00	1,40	100	3,60		44,00	66,00	1 410

*Other dimensions on request

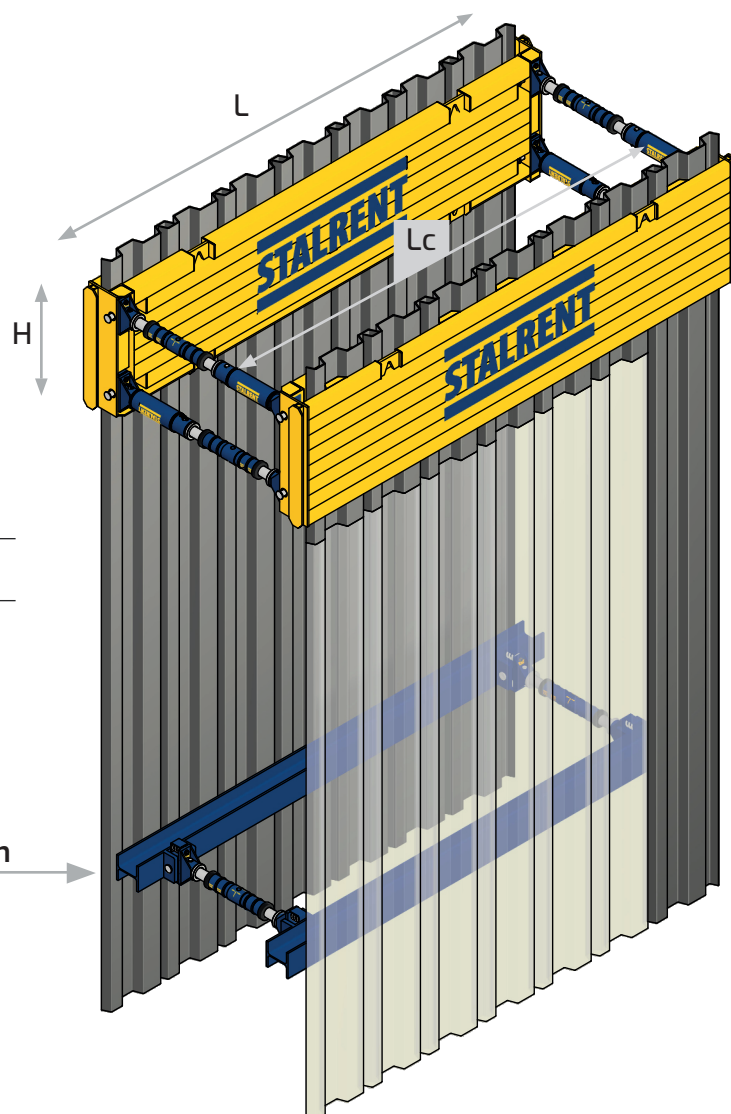
KD TRENCH BOX SYSTEM

- Pile chambers designed for collisions in excavations
- Excavator required: 9-13 t
- Maximum depth: 6.00 m
- Excavation width: 0,98–4,26 m
- Working height: 4.00 m



Profile KD 6/8

Additional option

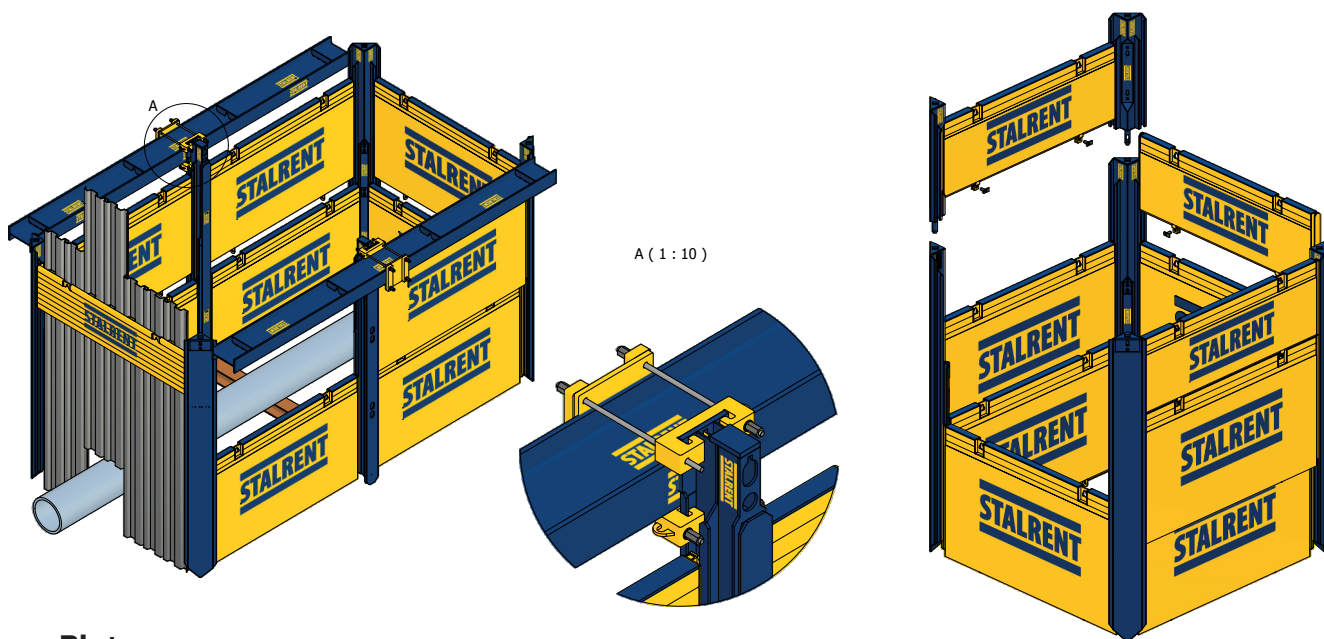


Name	Plate length L (m)	Plate height H (m)	Thickness t_{pl} (mm)	Working length L_c (m)	Strength of the plate (kN/m^2)	Plate weight (kg)
KD 2000 KD 6/8	2,00	1,00	120	1,62	261,20	505
KD 2500 KD 6/8	2,50	1,00	120	2,44	171,69	560
KD 3000 KD 6/8	3,00	1,00	120	2,56	116,60	640
KD 3500 KD 6/8	3,50	1,00	120	3,14	80,40	735
KD 4000 KD 6/8	4,00	1,00	120	3,65	61,20	825
KD 5000 KD 6/8	5,00	1,00	170	4,64	94,30	1 505
KD 6000 KD 6/8	6,00	1,00	170	5,64	65,20	1 785

SHAFT SHORING SYSTEM SDR

- Securing excavations for wells, tanks, starting and receiving chambers
- Excavator required: 24-50 t
- Maximum depth: 7.60 m
- Plate lengths: from 2.0–7.0 m

Name	Column length L_s (m)	Column width b (mm)	Calculated bending strength (kNm)	Characteristic bending strength (kNm)	Column weight (kg)
SJR 3500	3,50	386	142,2	213,30	360
SDR 4500	4,50	605	411,7	617,55	735
SDR 5500	5,50	605	411,7	617,55	925
SDR 6500	6,50	605	411,7	617,55	1110
SDR 7500	7,50	605	411,7	617,55	1295
SDR N 2000	2,00	605	411,7	617,55	360
SDR N 3000	3,00	605	411,7	617,55	515



Plates

Name	Plate length L (m)	Plate height H (m)	Plate thickness (mm)	Design strength (kN/m ²)	Strength characteristic R_k (kN/m ²)	Plate weight (kg)
PP 2000x2400	2,00	2,40	100	157,50	173,20	574
PP N 2000x1400	2,00	1,40	100	157,50	173,20	380
PP 2500x2400	2,50	2,40	100	105,00	115,50	687
PP N 2500x1400	2,50	1,40	100	105,00	115,50	455
PP 3000x2400	3,00	2,40	100	77,00	84,70	800
PP N 3000x1400	3,00	1,40	100	77,00	84,70	530
PP 3500x2400	3,50	2,40	100	60,50	66,50	915
PP N 3500x1400	3,50	1,40	100	60,50	66,50	600
PP 4000x2400	4,00	2,40	100	44,50	49,00	1 020
PP N 4000x1400	4,00	1,40	100	44,50	49,00	675
PP 4000x2400	4,00	2,40	130	92,00	138,00	1 510
PP N 4000x1400	4,00	1,40	130	92,00	138,00	955
PP 4500x2400	4,50	2,40	130	78,60	117,90	1 685
PP N 4500x1400	4,50	1,40	130	78,60	117,90	1 080
PP 5000x2400	5,00	2,40	130	66,00	99,00	1 860
PP N 5000x1400	5,00	1,40	130	66,00	99,00	1 190
PP 6000x2400	6,00	2,40	130	45,00	67,50	2 215
PP N 6000x1400	6,00	1,40	130	45,00	67,50	1 410



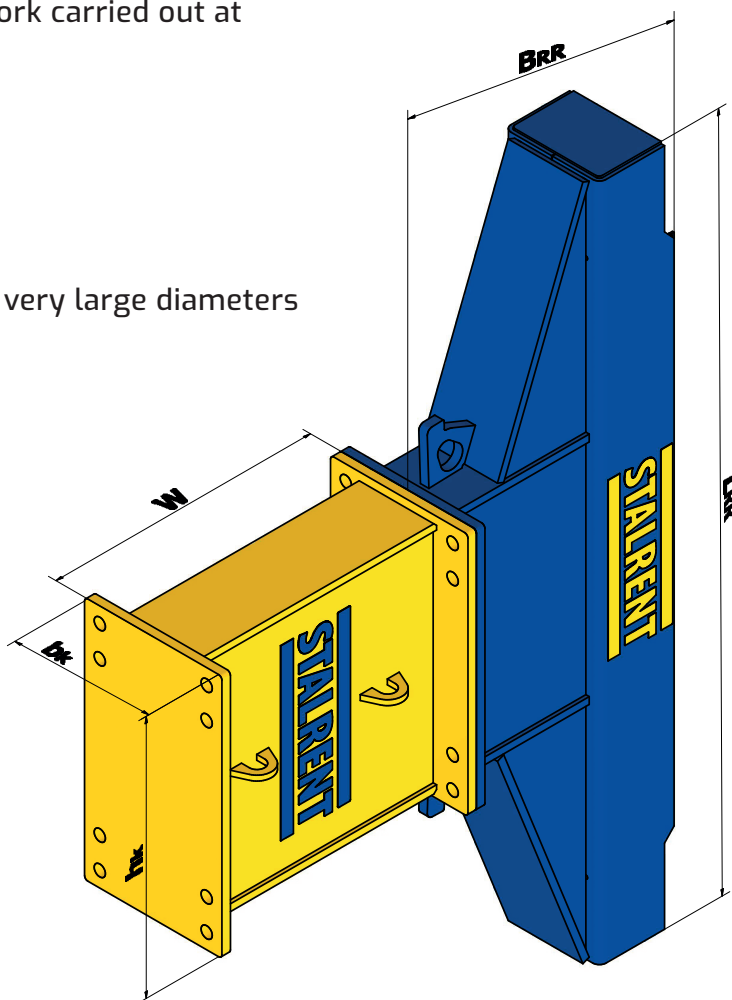
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SHORING SYSTEM SRR

- The SRR system is designed for work carried out at significant depths
- Excavator required: 24-50 t
- Maximum depth: 7.60 m
- Massive strut
- Possibility of installing pipes with very large diameters

Spacers

Name	Length W (m)	Weight (kg)
W 250	0,25	145
W 500	0,50	190
W 750	0,75	232
W 1000	1,00	275
W 2000	2,00	446
W 3000	3,00	610
W 6000	6,00	1 115

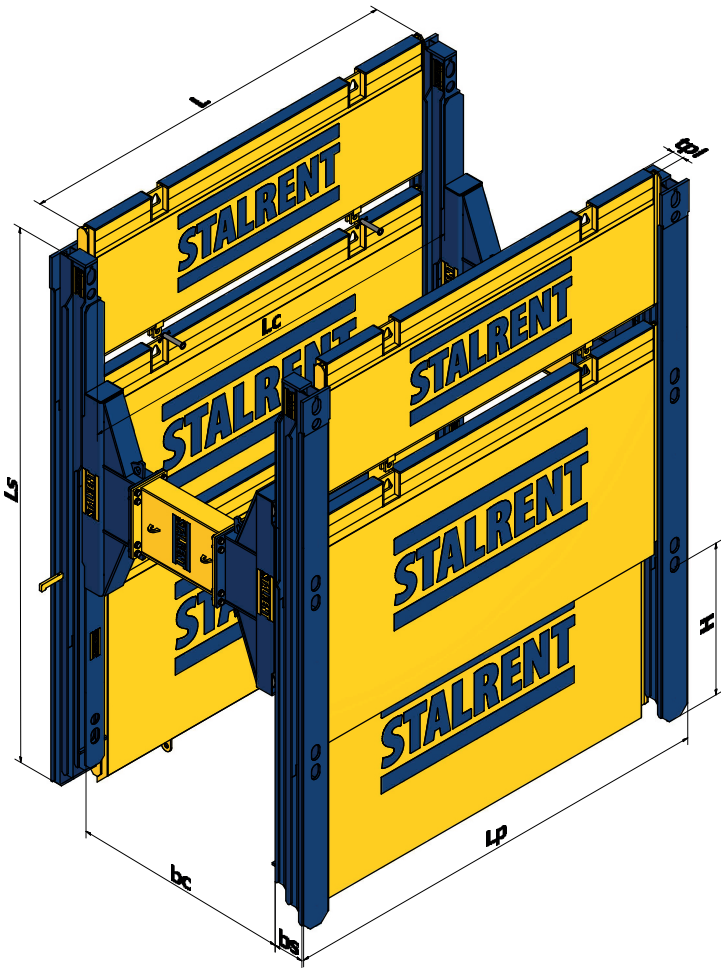
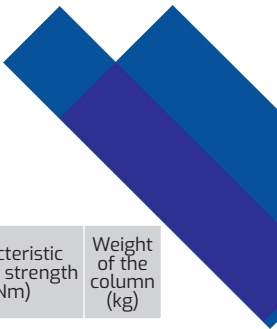


Struts

Name	Length of the roller strut LRR (m)	Roller strut width BRR (m)	Minimum light of the trench bc (m)	Flange bK x hK (mm)	Roller pair weight (kg)
STANDARD RR	2,10	0,65	1,3	405x720	990

SHORING SYSTEM SRR

with roller strut



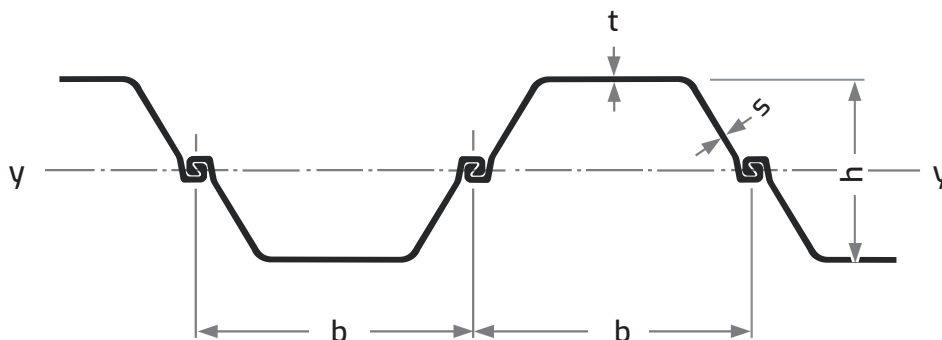
Name	Length of the column L_s (m)	Height of the column b_s (mm)	Calculated bending strength (kNm)	Characteristic bending strength (kNm)	Weight of the column (kg)
SRR 3500	3,50	230	395,00	592,50	510
SRR 4500	4,50	385	832,30	1 248,45	950
SRR 5500	5,50	385	832,30	1 248,45	1 180
SRR 6500	6,50	385	832,30	1 248,45	1 415
SRR 7500	7,50	385	832,30	1 248,45	1 645



Plates

Name	Plate length L (m)	Plate height H (m)	Plate thickness (mm)	Design strength (kN/m ²)	Strength characteristic R_k (kN/m ²)	Plate weight (kg)
PP 2000x2400	2,00	2,40	100	157,50	173,20	574
PP N 2000x1400	2,00	1,40	100	157,50	173,20	380
PP 2500x2400	2,50	2,40	100	105,00	115,50	687
PP N 2500x1400	2,50	1,40	100	105,00	115,50	455
PP 3000x2400	3,00	2,40	100	77,00	84,70	800
PP N 3000x1400	3,00	1,40	100	77,00	84,70	530
PP 3500x2400	3,50	2,40	100	60,50	66,50	915
PP N 3500x1400	3,50	1,40	100	60,50	66,50	600
PP 4000x2400	4,00	2,40	100	44,50	49,00	1 020
PP N 4000x1400	4,00	1,40	100	44,50	49,00	675
PP 4000x2400	4,00	2,40	130	92,00	138,00	1 510
PP N 4000x1400	4,00	1,40	130	92,00	138,00	955
PP 4500x2400	4,50	2,40	130	78,60	117,90	1 685
PP N 4500x1400	4,50	1,40	130	78,60	117,90	1 080
PP 5000x2400	5,00	2,40	130	66,00	99,00	1 860
PP N 5000x1400	5,00	1,40	130	66,00	99,00	1 190
PP 6000x2400	6,00	2,40	130	45,00	67,50	2 215
PP N 6000x1400	6,00	1,40	130	45,00	67,50	1 410

HOT-ROLLED SHEET PILLARS GU



Profile	Width b (mm)	Height h (mm)	Thickness t (mm)	Thickness s (mm)	Mass of sheet pile (kg/m)	Mass of the wall (kg/m ²)	Elastic index of wall strength w _x (cm ³ /m)	Moment of inertia of the wall I _x (cm ⁴ /m)
GU 6N	600	309	6,0	6,0	41,9	69,9	625	9 670
GU 7N	600	310	6,5	6,4	44,1	73,5	675	10 450
GU 7S	600	311	7,2	6,9	46,3	77,1	740	11 540
GU 7HWS*	600	312	7,3	6,9	47,4	79,1	745	11 620
GU 8N	600	312	7,5	7,1	48,5	80,9	770	12 010
GU 8S	600	313	8,0	7,5	50,8	84,6	820	12 800
GU 13N	600	418	9,0	7,4	59,9	99,8	1 270	26 590
GU 14N	600	420	10,0	8,0	64,3	107,1	1 400	29 410
GU 15N	600	422	11,0	8,6	68,7	114,5	1 530	32 260
GU 16N	600	430	10,2	8,4	72,6	121,0	1 670	35 950
GU 18N	600	430	11,2	9,0	76,9	128,2	1 800	38 650
GU 20N	600	430	12,2	9,5	81,1	135,2	1 920	41 320
GU 21N	600	450	11,1	9,0	81,9	136,5	2 060	46 380
GU 22N	600	450	12,1	9,5	86,1	143,6	2 200	49 460
GU 23N	600	450	13,1	10,0	90,4	150,7	2 335	52 510
GU 27N	600	452	14,2	9,7	97,4	162,3	2 680	60 580
GU 28N	600	454	15,2	10,1	101,8	169,6	2 840	64 460
GU 30N	600	456	16,2	10,5	106,2	177,1	3 000	68 380
GU 31N	600	452	18,5	10,6	109,9	183,2	3 065	69 210
GU 32N	600	452	19,5	11,0	114,1	190,2	3 200	72 320
GU 33N	600	452	20,5	11,4	118,4	197,3	3 340	75 410
GU 16-400	400	290	12,7	9,4	62,0	154,9	1 560	22 580
GU 18-400*	400	292	15,0	9,7	69,3	173,3	1 785	26 090

* - Rolling to order

Given parameters per m (walls).

In order to ensure the specified values of the moment of inertia and strength indices, it is necessary to ensure that the shear is transferred through the lock.

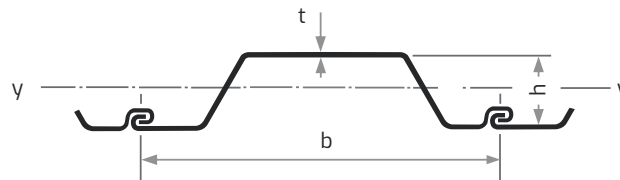
Product data is as described by the manufacturers, with no guarantee of complete accuracy.

Technical delivery conditions, shape and dimension tolerances according to EN 10 248-1, EN 10 248-2



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COLD-FORMED SHEET PILLARS



Profile	Width b (mm)	Height h (mm)	Thickness t (mm)	Weight of sheet pile (kg/m)	Wall weight (kg/m ²)	Elastic index of wall strength W _x (cm ³ /m)	Moment of inertia of the wall I _x (cm ⁴ /m)
FLP 700 / 4 KL 3 / 4	700	147	4	31,40	44,85	276	2042
FLP 700 / 5 KL 3 / 5	700	148	5	39,40	56,20	343	2502
FLP 700 / 6 KL 3 / 6	700	149	6	47,20	66,90	409	3080
FLP 700 / 7 KL 3 / 7	700	150	7	54,34	77,60	478	3500
FLP 700 / 8 KL 3 / 8	700	151	8	61,90	88,45	540	4050

FORMWORK PROFILES

Profile	(mm)	Elastic index of wall strength W _x (cm ³ /m)	Weight of sheet pile (kg/m)	Wall weight (kg/m ²)	Cross- sectional area of wall (cm ² /m)	Moment of inertia of the wall I _x (cm ⁴ /m)
KS 3,25 	198	30	7,75	40,50	9,87	351
KD 6/6 	600	182	37,50	62,50	80,00	726
KD 6/8 	600	242	50,00	83,20	106,00	968

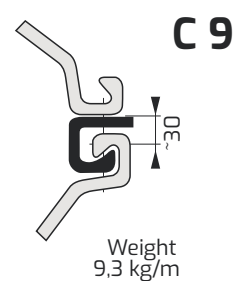
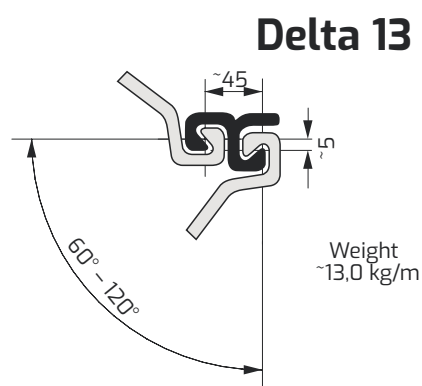
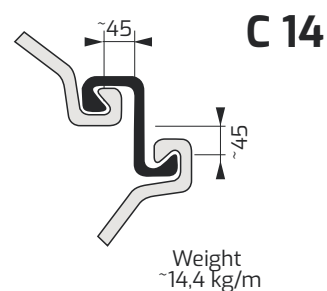
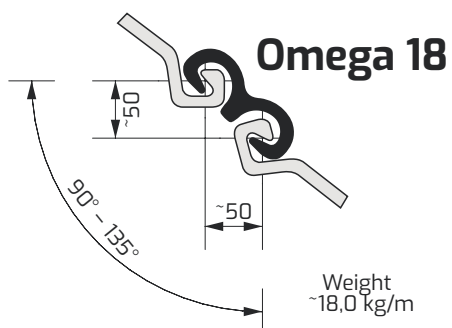
Given parameters per m (walls).

In order to guarantee the given values of the moment of inertia and strength indices, it is necessary to ensure that the shear is transferred through the lock. Product data are as described by the manufacturers without any guarantee of complete correctness. Technical delivery conditions, shape and dimension tolerances according to EN 10 248-1, EN 10 248-2

STEEL GRADES

Type	Steel grade
Hot-rolled sheet pillars GU	S240; S270; S320; S355; S390; S430
Cold-formed sheet pillars	S235; S275; S355
Formwork profiles	S235; S275; S355

CORNER PROFILES



WALL OF PLATES



- Securing excavations on long sections and wide-space excavations
- Quick assembly and disassembly
- Application of SB 100 type formwork plates
- Material used fully recyclable
- Possibility of implementation in the vicinity of existing buildings

Name	Plate length L (m)	Plate height (m)	Plate thickness (mm)	Design strength (kN/m ²)	Strength characteristic R _x (kN/m ²)	Plate weight (kg)
SB 100 2000x2400	2,00	2,4	100	88,00	132,00	665
SB 100 N 2000x1400	2,00	1,4	100	88,00	132,00	410
SB 100 2500x2400	2,50	2,4	100	70,60	105,90	775
SB 100 N 2500x1400	2,50	1,4	100	70,60	105,90	480
SB 100 3000x2400	3,00	2,4	100	58,70	88,05	885
SB 100 N 3000x1400	3,00	1,4	100	58,70	88,05	550
SB 100 3500x2400	3,50	2,4	100	50,40	75,60	995
SB 100 N 3500x1400	3,50	1,4	100	50,40	75,60	615
SB 100 4000x2400	4,00	2,4	100	44,00	66,00	1 085
SB 100 N 4000x1400	4,00	1,4	100	44,00	66,00	685

The vertical I-beams of the plate wall are selected based on the calculations of the detailed design

CERTIFICATES

SPAWALNICZE ŚWIADECTWO KWALIFIKACJI

8610-1090-2.PL0155.TÜVRh.22.00

zgodnie z normą EN 1090-1:2009+A1:2011, tabela B.1 dla spawania elementów konstrukcyjnych ze stali wg EN 1090-2:2018

Producent STALRENT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ
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Zakład produkcyjny ul. Wojska Polskiego 65, 85-825 Bydgoszcz
Miejsce produkcji

Specyfikacja techniczna EN 1090-2:2018
Klasa wykonania EXC3 wg EN 1090-1:2009+A1:2011
Procesy spawalnicze 135 - Spawanie elektrodą metalową w osłonie gazów
(numer referencyjny wg 4063) aktywnych, metodą MAG, częściowo zmechanizowane

Grupa materiałowa 1.1, 1.2 wg CEN ISO/TR 15608

Odpowiedzialny koordynator ds. spawania IWE, PL/IWE/2390/2017

Potwierdzenie Potwierdza się, że spełnione zostały wszystkie wymagania dotyczące spawania według ustaleń przywołanej powyżej specyfikacji technicznej

Początek okresu ważności 07.07.2020
Termin ważności 05.07.2024

Miejsce i data wystawienia Zabrze, 06.07.2022

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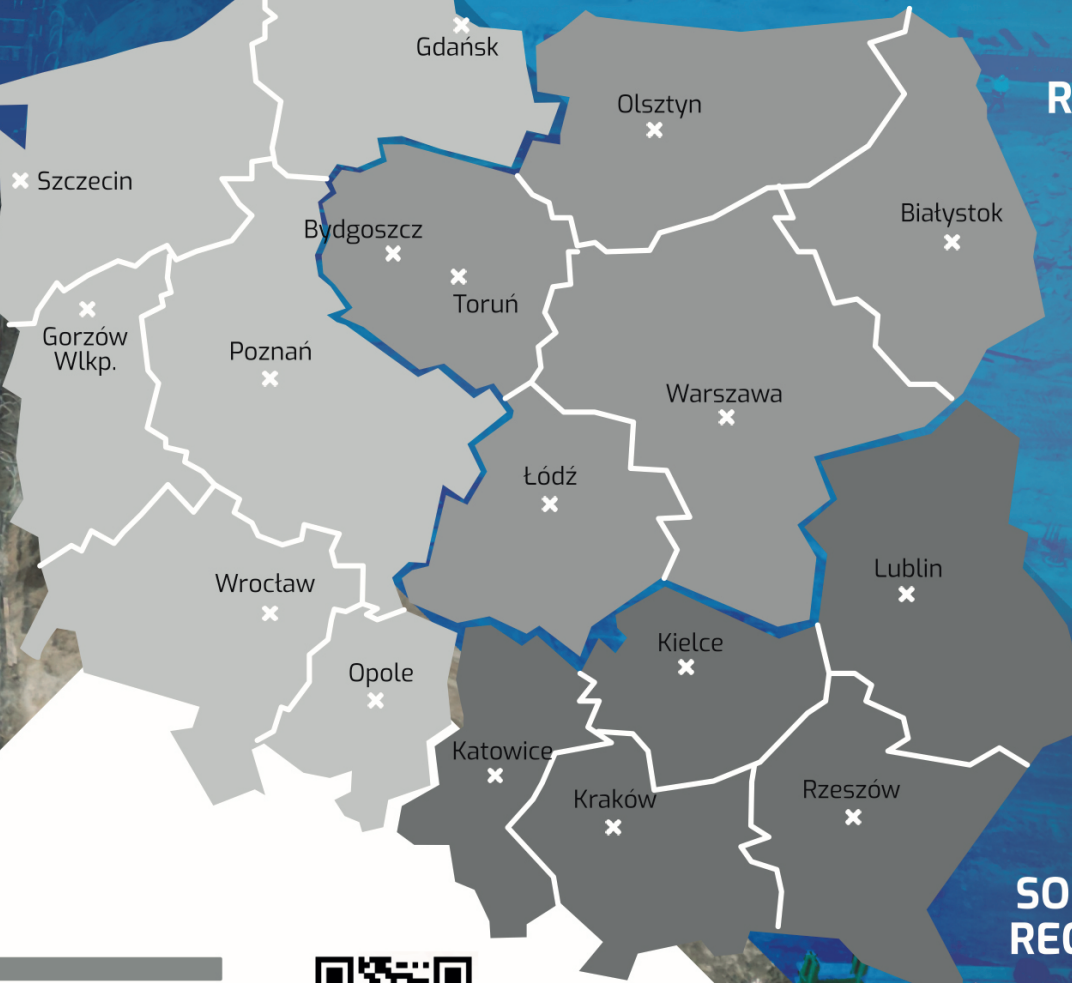
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WEST REGION

EAST REGION

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STALRENT



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