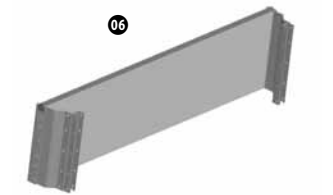


① LITEBOX Aluminium Gigant - A

- e.g. Top unit (prevents edges from caving)
consisting of: 2 Litebox panels and 2 struts
- e.g. Litebox trenching unit height 1,50 m
consisting of: 6 Litebox panels, 8 couplings, 4 struts

Parts for the Litebox Trenching System



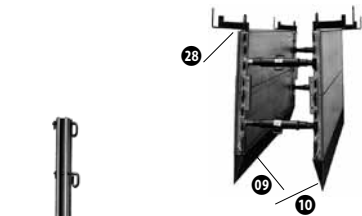
② Litebox Panel 3,00 x 0,50 m, packing unit 10 pcs. art.no. 01305012.....	42,10 kg
③ Litebox Panel 2,00 x 0,50 m, packing unit 10 pcs. art.no. 01305011.....	28,30 kg
④ Litebox Panel 1,55 x 0,50 m, packing unit 10 pcs. art.no. 01305010.....	23,50 kg
⑤ Litebox Panel 0,91 x 0,50 m, packing unit 10 pcs. art.no. 02305021.....	15,20 kg

⑥ Litebox Guide Frame, for Litebox Panel 2 m, guiding 10 aluminium trench sheets incl. 4 pins art.no. 01305080.....	8,00 kg
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⑦ Aluminium Trench Sheet, 2,50 m, 215 mm wide art.no. 06305084.....	14,00 kg
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⑧ Aluminium Trench Sheet, 3,50 m, 215 mm wide, art.no. 06305086.....	19,60 kg
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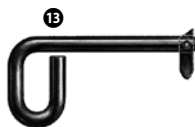


⑨ Cutting Panel of Steel, 3 m long, painted, incl. 4 pins Ø 13 mm, art.no. 01305015.....	49,00 kg
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⑩ Cutting Panel of Steel, 2 m long, painted, incl. 4 pins Ø 13 mm, art.no. 01305019.....	49,00 kg
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⑪ Panel Connector 0,28 m long, incl. 4 pins art.no. 01305087.....	2,03 kg
⑫ Panel Connector 1,35 m long, incl. 6 pins art.no. 01305090.....	6,55 kg



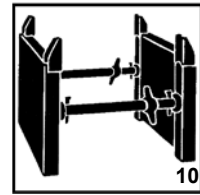
⑬ Standard Spare Pin Ø 13 mm, black, 100 pcs. = 1 sack, art.no. 01305088.....	0,25 kg
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⑭ Litebox Strut Gi-A/ 60 - 81, incl. 2 pins art.no. 01305024.....	5,50 kg
⑮ Litebox Strut Gi-A/ 80 - 121, incl. 2 pins art.no. 01305025.....	7,35 kg
⑯ Litebox Strut Gi-A/129 - 218, incl. 2 pins art.no. 01305026.....	11,49 kg



⑰ Litebox Spanner for struts, 500 mm long, painted art.no. 06202160.....	2,61 kg
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- 18 **Manhole Profile, 0,50 m long, incl. 4 special pins Ø 13**
for lifting/connecting 20 mm pins are required, (without illustration)
art.no. 01305093 3,80 kg
- 19 **Manhole Profile, 1,50 m long, incl. 12 special pins Ø 13,**
for lifting/connection 20 mm pins are required
art.no. 01305097 11,00 kg
- 20 **Connector for Manhole Profile, 300 mm long, with 2 pins Ø 20 mm,**
art.no. 01305098 1,40 kg
- 21 **Lifting Eye for Manhole Profile, with 1 pin Ø 20 mm**
art.no. 03305094 1,05 kg
- 22 **Special Pin 13 mm diam. for manhole profile, chromitized**
art.no. 01305096 0,20 kg

- 23 **Pin Ø 20 mm, galvanized**
art.no. 01305099 0,50 kg

- 24 **Litebox-Strongrail 1,5 m long, for 0,75 m clear space,**
only 2 struts per double strongrail required
art.no. 01305023 17,00 kg

- 25 **Lifting Sling, 2,5 m long, 4 nylon belts with forged hooks each 1000 kg**
art.no. 06305040 3,99 kg
- 26 **3-D Lifting Eye, safe working load 10 kN, with 2 pins, galvanized**
art.no. 01305041 1,50 kg

- 27 **Litebox Rail Post of steel, Gi-A, Ø 48 x 1100 mm, hot-galv.**
art.no. 01305089 5,80 kg

- 28 **Support Bracket with 2 pins**
art.no. 01305016 4,30 kg

p.t.o. for optimized assembly list

optimized assembly list of LITEBOX Aluminium Trenching System with short 0,28 m and long 1,35 m panel connectors

Top unit	A		B		C		D		E	
trench depth	< 1,75 m		1,50 m		2,00 m		2,50 m		3,00	
Litebox panel	2		6		8		10		12	
Litebox struts	4		4		4		6		6	
panel connector: 0,28 m	-		-		4		8		4	
panel connector: 1,35 m	-		4		4		4		8	
GI-A/0,60 - 0,81 m (0,68 - 0,89)	weight		weight		weight		weight		weight	
	kg		kg		kg		kg		kg	
with Litebox panel 3,00 m	106		301		393		496		599	
with Litebox panel 2,00 m	79		218		283		358		433	
with Litebox panel 1,55 m	69		189		244		310		376	
GI-A/0,80 - 1,21 m (0,88 - 1,29)										
with Litebox panel 3,00 m	114		308		401		508		610	
with Litebox panel 2,00 m	86		225		290		370		444	
with Litebox panel 1,55 m	76		197		252		322		387	
GI-A/1,29 - 2,18 m (1,37 - 2,26)										
with Litebox panel 3,00 m	130		325		417		532		635	
with Litebox panel 2,00 m	103		242		307		394		469	
with Litebox panel 1,55 m	93		213		268		346		411	

optimized assembly list of LITEBOX Aluminium Trenching System with short connectors 0,28 m only

Trench depth	1,00 m		1,50 m		2,00 m		2,50 m		3,00 m	
consisting of: Litebox panel	4		6		8		10		12	
Litebox strut	4		4		6		8		10	
panel connector 0,28 m	4		8		12		16		20	
GI-A/0,60 - 0,81 m (0,68 - 0,89)	weight		weight		weight		weight		weight	
	kg		kg		kg		kg		kg	
with Litebox panel 3,00 m	199		291		394		497		601	
with Litebox panel 2,00 m	143		208		284		359		435	
with Litebox panel 1,55 m	124		179		245		311		378	
GI-A/0,80 - 1,21 m (0,88 - 1,29)										
with Litebox panel 3,00 m	206		298		405		512		619	
with Litebox panel 2,00 m	151		215		295		374		454	
with Litebox panel 1,55 m	132		187		256		326		396	
GI-A/1,29 - 2,18 m (1,37 - 2,26)										
with Litebox panel 3,00 m	222		315		430		545		661	
with Litebox panel 2,00 m	167		232		320		407		495	
with Litebox panel 1,55 m	148		203		281		359		438	

dimensions in (brackets) are the external widths of the system when struts are located on the panel connector.

Assembly for Manhole Unit planview a * b

Attention! Please consider an additional 0,1 m per corner for the manhole profiles. In other words the external dimension of a manhole unit results in the length of the aluminium panel plus 0,2 m. Example for a manhole unit with 1,55 m long panels the external dimension is 1,75 m x 1,75 m.

Trench depth	0,50 m	1,00m	1,50 m	2,00	2,50	3,00
Consisting of: Litebox panel Maß a / b je	2	4	6	8	10	12
Manhole profile 0,50 m	4	8	--	4	8	--
Manhole profile 1,50 m	--	--	4	4	4	8
Connector for manhole profile	--	4	--	4	8	4

Trench depth 1,50 m	External dimension a (length Litebox panel = External dimension - 0,2 m)								
		1,11 m		1,75 m		2,20 m		3,20 m	
External dimension b (length Litebox panel = External dimension - 0,2 m)	m	weight kg		weight kg		weight kg		weight kg	
	1,11	226,40		276,20		305,00		387,80	
	1,75	276,20		326,00		354,80		437,60	
	2,20	305,00		354,80		383,60		466,40	
	3,20	387,80		437,60		466,40		549,20	

trench depth 2,00 m	External dimension a (length Litebox panel = External dimension - 0,2 m)								
		1,11 m		1,75 m		2,20 m		3,20 m	
External dimension b (length Litebox panel = External dimension - 0,2 m)	m	weight kg		weight kg		weight kg		weight kg	
	1,11	308,00		374,40		412,80		523,20	
	1,75	374,40		440,80		479,20		589,60	
	2,20	412,80		479,20		517,60		628,00	
	3,20	523,20		589,60		628,00		738,40	

trench depth 2,50 m	External dimension a (length Litebox panel = External dimension - 0,2 m)								
		1,11 m		1,75 m		2,20 m		3,20 m	
External dimension b (length Litebox panel = External dimension - 0,2 m)	m	weight kg		weight kg		weight kg		weight kg	
	1,11	389,60		472,60		520,60		658,60	
	1,75	472,60		555,60		603,60		741,60	
	2,20	520,60		603,60		651,60		789,60	
	3,20	658,60		741,60		789,60		927,60	

trench depth 3,00 m	External dimension a (length Litebox panel = External dimension - 0,2 m)								
		1,11 m		1,75 m		2,20 m		3,20 m	
External dimension b (length Litebox panel = External dimension - 0,2 m)	m	weight kg		weight kg		weight kg		weight kg	
	1,11	458,40		558,00		276,00		781,20	
	1,75	558,00		657,60		375,60		880,80	
	2,20	615,60		715,20		433,20		938,40	
	3,20	781,20		880,80		598,80		1104,00	