Plettac Contur Multidirectional Scaffolding





- up to eight connections per joint

- option to attach horizontals at right angles with high accuracy at the required level

- free choice of angles between horizontals by using large or small connection gaps - load transfer aligned to axes with positive connections

- the flat shape of the connection plate means no debris etc. can build up - high joint load capacity and stiffness

- can be adapted to suit any plan shape and form of construction by using the variable connection options, the choice of spans available and freely selectable scaffold height increments of 50 cm











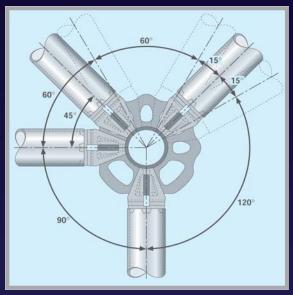










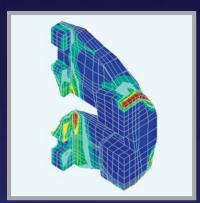


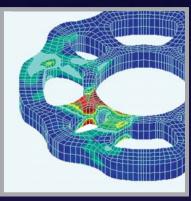
Right angles – if you want them

The use of the small connection gaps for connecting the horizontals allows a 90° angle to be created between them – essential for certain users. The larger gaps allow angles between 30° and 60°. These options allow practically any angle to be set and shape form of construction to be scaffolded.

Increase in bending moment and shear strengths

Using FEM analysis, the height of the connection heads as well as the shape and wall thicknesses were optimised to produce higher reserves of safety. The resultant higher load capacity pays off particularly for scaffolds used under demanding conditions.





More mathematics for less weight

The use of finite element methods (FEM) on a 3D model allows material shapes and thicknesses to be optimised to meet the required applied loads. This produced the sinusoidal shape and weight savings of 10%. This is associated with clear advantages in erection, safety in use, joint stiffness and storage space requirements.



Functional versatility

To deal with diverse scaffolding projects economically, you will need a wide range of decking.

plettac contur modular scaffolding has the right type of decking available for every job. Hot dipped zinc galvanised steel decking, or lightweight aluminium decking – all can be used in construction and in industry, with the further option of hollow aluminium extrusion decks for light weight combined with strength.

Our Sizes:-

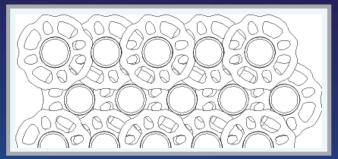
Bay Width: 74cm & 106cm

Bay Length: 50cm, 75cm, 100cm, 125cm, 150cm, 200cm, 250cm, 300cm & 400cm



Simpler Storage

As well as the advantages during assembly and its high reserves of safety, the new shape of the socket plates at the plettac contur modular scaffold also has storage benefits. The stacked volume of the standards is about 5% smaller and the higher resistance to rolling makes storage more secure.



Double-transom for use with SL-decks



Double ledger for use with ledger decks, Tubular-Support

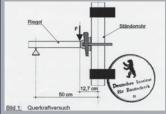


Certified Safety

You can't test quality into a product; it has to be produced. A high automated production with modern welding robots assures a production at the highest level.

The galvanizing-line, which is specially developed for scaffolding parts, offers the optimal protection from corrosion of the scaffoldings. That assures for the user: Safety and stable value for many years.







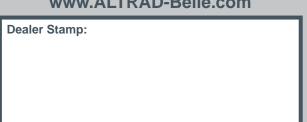
Quality is our best product

In addition to third party inspection of manufacturing by the FMPA Baden-Württemberg, our in-house supervision guarantees a sustainable high standard of quality and with that, the safety of the owners and users, through extensive load capacity tests, using our own testing facilities.

Belle Group Head Office

Sheen, Nr. Buxton Derbyshire, SK17 0EU Tel: (+44) 01298 84606 Fax: (+44) 01298 84722 Email: sales @belle-group.co.uk

www.ALTRAD-Belle.com





Vertical Standards

Vertical Standard w. pressed in Spigot

 $48,3 \text{ mm } \emptyset$ steel tube with connecting disks at 50 cm height intervals along total length. 8 connections per disk are possible. Holes at both ends of standard enable joint to be secured.

Vertical Standard

PQ: 50 pieces



Starting Collar

With single rosette. Placed over base jack and enables an easier basing out of the scaffold before longer standards are used to build the scaffold to required height.

Starting Collar



Code	Dimensions [cm]	Weight [kg]
5FMPP02000	L 33	2,1
5FMPP02001*	L 43	2,5

Base Standard

Distance of the first disk from the bottom of the standards is identical to starting collar (56 mm), enabling the base standard to be employed, where starting collars are not required, but where base ledgers must be assembled as low as possible.

Base Standard

PQ: 50 pieces

Code	Dimensions [cm]	Weight [kg]
5FMPP01504*	L 66	4,2
5FMPP01500	L 116	6,5
5FMPP01501	L 216	11,0
5FMPP01502	L 316	15,4
5FMPP01503	L 416	19,9

Top Standard

4 cm shorter at top. Because there is no connecting spigot fitted at the top, the standard finishes at the same height as the SL platform and enables podiums or "dance floors" to be erected without dangerous tripping hazards.

Top Standard

PQ: 50 pieces

00 pi0000			
†	Code	Dimensions [cm]	Weight [kg]
1	5FMPP03000*	L 46	2,0
	5FMPP03001*	L 96	4,1
†	5FMPP03002*	L 196	8,4
1	5FMPP03003*	L 296	12,6
	5FMPP03004*	L 396	16,9

Vertical Standard w. bolted Spigot

Similar to vertical standard but with bolted in connecting spigot as opposed to pressed in. Used when building requires suspended scaffolds. Complete with spigot assembled with two bolts.

Vertical Standard w. bolted Spigot

PQ: 50 pieces

-			
Q.	Code	Dimensions [cm]	Weight [kg]
11	5FMPP03500*	L 50	3,8
11	5FMPP03501*	L 100	6,5
1	5FMPP03502*	L 150	8,7
	5FMPP03503*	L 200	11,0
+	5FMPP03504*	L 250	13,2
	5FMPP03505*	L 300	15,4
i	5FMPP03506*	L 400	19,9

Vertical Standard w/o Spigot

Supplied without connecting spigot. Enables assembly of head jacks or other supplementary components.

Vertical Standard w/o Spigot

PQ: 50 pieces

Т.	Code	Dimensions [cm]	Weight [kg]
T	5FMPP03508*	L 100	4,5
1	5FMPP03509*	L 150	6,7
	5FMPP03510*	L 200	8,9
#	5FMPP03511*	L 250	11,2
	5FMPP03512*	L 300	13,4
	5FMPP03513*	L 400	17,9

Connecting Spigot

To be bolted into vertical standards w/o spigots and fixed with bolts and nuts.

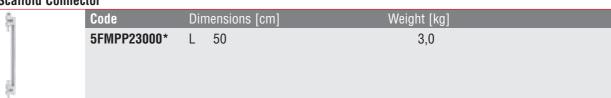
Connecting Spigot for Vertical Standard

 Code	Dimensions [cm]	Weight [kg]	
5FMPP11100 complete with two		2,0	

Suspended Scaffold Connector

Designed to realize tension resistant connections between two standards where bolting is not possible. Consists of two wedge connections joined by tension bars at 50 cm intervals.

Suspended Scaffold Connector





* not available from stock

7

Horizontals

Ledger

With wedge connection heads at both ends. Used in different lengths as support for ledger decks or standard scaffold planks as well as guard rails and to reinforce the scaffold.

Ledger

PQ: 50 pieces

. a. oo p.ooo			
	Code	Dimensions [cm]	Weight [kg]
	5FMPP02500*	L 25	1,4
	5FMPP02501* length SL 40	L 41	2,0
	5FMPP02502	L 50	2,2
	5FMPP02503 length SL 70	L 74	3,0
	5FMPP02504	L 75	3,0
	5FMPP02505	L 100	4,0
,	5FMPP02506 length SL 100	L 110	4,2
	5FMPP02514	L 125	4,9
	5FMPP02507* length 4-deck	L 139	5,4
	5FMPP02508	L 150	5,4
	5FMPP02509	L 200	7,0
	5FMPP02510	L 250	8,5
	5FMPP02511	L 300	10,1
	5FMPP02512	L 400	13,3

Reinforced Ledger, Tubular-Support

Designed to support ledger decks or standard scaffold planks. Offers bigger load capacity at 1,50 m scaffold width.

Reinforced Ledger, Tubular-Support

PQ: 50 pieces

1 Q. 00 pi0000			
	Code	Dimensions [cm]	Weight [kg]
	5FMPP16500	L 150	9,9
-			

Double Ledger Tubular-Support

Designed to support scaffold decks when large bay areas are required, alternatively to support scaffold when spanning obstructions.

Double Ledger, Tubular-Support

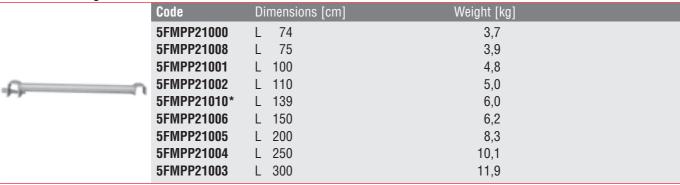
PQ: 30 pieces

Code	Dimensions [cm]	Weight [kg]
5FMPP06003*	L 150	9,5
5FMPP06000	L 200	12,6
5FMPP06001	L 250	15,7
5FMPP06002	L 300	18,5

Intermediate Ledger

Connected to ledgers by means of U-profile hooks in order to shorten the free space within a scaffold bay. Scaffold bay can then be partially decked with system decks or scaffold planks.

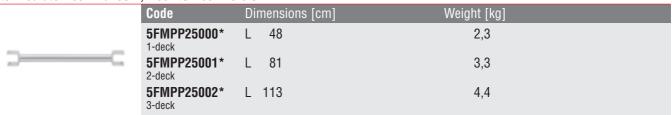
Intermediate Ledger



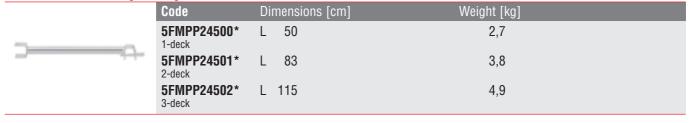
Intermediate Deck Transom Tubular-Support

Transom can be supported by decks and used with shorter decks to provide an opening in the middle of the scaffold platform in the deck-to-deck version. In the ledger-to-deck version it can provide an opening at the edge.

Intermediate Deck Transom, Deck to Deck Version



Intermediate Deck Ledger, Ledger to Deck Version

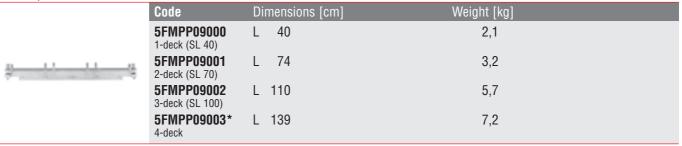


Transom SL

Rectangular steel tube 50 x 35 mm, with welded on star pins. Designed to support SL decks. Fitting into SL bay sizes.

Transom, SL-Support

PQ: 50 pieces





* not available from stock

9

Double Transom SL-Support

Similar to transom SL, but with additional reinforcing tube to support more load at widths of 1,50 m to 3,00 m.

Double Transom, SL-Support

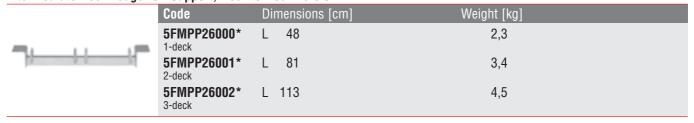
PQ: 30 pieces



Intermediate Deck Transom SL-Support

50 x 35 mm rectangular tube. Transom can be connected to decks and used with shorter length SL decks to provide an opening in the middle of the scaffold platform in the deck-to-deck version. In the ledger-to-deck version it provides an opening at the edge.

Intermediate Deck Ledger SL-Support, Deck to Deck Version



Intermediate Deck Ledger SL-Support, Ledger to Deck Version



Deck Retainer SL-Support

Designed to hold down SL decks or scaffold planks. Hooked around standard at one side and locked by wedge on the other. Welded on toeboard pins accompdate toeboards SL.

Deck Retainer, SL-Support

book itotamor, or outprott			
	Code	Dimensions [cm]	Weight [kg]
	5FMPP11500	L 74	2,7
	5FMPP11502	L 110	3,3
	5FMPP11508*	L 139	3,9
-	5FMPP11504	L 150	4,1
	5FMPP11505	L 200	5,0
	5FMPP11506	L 250	5,9
	5FMPP11507	L 300	6,8

Vertical Brace contur

48,3 mm Ø steel tube with tiltable wedge connection heads at both ends. Designed to reinforce the scaffold.

Vertical Brace contur H200

for system height 200 cm. PQ: 50 pieces

Code	Dimensions [cm]	Weight [kg]
5FMPP05000	L 74/75	8,2
5FMPP05001	L 100	8,4
5FMPP05002	L 110	8,5
5FMPP05003*	L 139	9,0
5FMPP05004	L 150	9,2
5FMPP05005	L 200	10,1
5FMPP05006	L 250	11,2
5FMPP05007	L 300	12,4

Vertical Brace contur H150

for system height 150 cm. PQ: 50 pieces

Code	Dimensions [cm]	Weight [kg]
5FMPP05016*	L 74/75	6,7
5FMPP05017*	L 100	7,0
5FMPP05018*	L 110	7,1
5FMPP05008*	L 150	7,9
5FMPP05009*	L 200	9,1
5FMPP05010*	L 250	10,3
5FMPP05011*	L 300	11,6

Vertical Brace contur H100

for system height 100 cm. PQ: 50 pieces

 p		
Code	Dimensions	[cm] Weight [kg]
5FMPP05019*	L 50	5,0
5FMPP05026*	L 74/75	5,3
5FMPP05020*	L 100	5,8
5FMPP05022*	L 110	5,9
5FMPP05030*	L 125	6,3
5FMPP05012*	L 150	6,9
5FMPP05013*	L 200	8,2
5FMPP05014*	L 250	9,6
5FMPP05015*	L 300	11,0

Vertical Brace contur H50

for system height 50 cm. PQ: 50 pieces

of System height 50 cm. Fig. 50 picces				
/	Code	Dimensions [cm]	Weight [kg]	
	5FMPP05021*	L 100	4,8	
	5FMPP05025*	L 150	6,2	
	5FMPP05028*	L 200	7,6	
/	5FMPP05029*	L 300	10,6	



* not available from stock 11

Horizontal Brace

48 mm Ø tube with wedge connection heads. Increases the rigidity of the scaffold in the horizontal plane. Used in "bird cage" scaffolds where no system decks can be assembled.

Horizontal Brace contur

PQ: 50 pieces

1 d. 00 pi0000				
	Code	Dimensions [cm]	Weight [kg]	
	5FMPP27500*	L 200 x W 100	7,8	
	5FMPP27501*	L 200 x W 150	8,6	
	5FMPP27502*	L 250 x W 74	9,0	
	5FMPP27503*	L 250 x W 100	9,2	
	5FMPP27504*	L 250 x W 110	9,3	
	5FMPP27505*	L 250 x W 139	9,8	
\vdash	5FMPP27506*	L 250 x W 150	9,9	
	5FMPP27507*	L 250 x W 200	10,9	
	5FMPP27508*	L 300 x W 74	10,6	
	5FMPP27509	L 300 x W 100	10,8	
	5FMPP27510*	L 300 x W 110	10,9	
	5FMPP27511*	L 300 x W 139	11,2	
	5FMPP27512	L 300 x W 150	11,4	
	5FMPP27513	L 300 x W 200	12,2	
	5FMPP27514	L 300 x W 250	13,1	

Plane Brace Ledger

48,3 mm Ø steel tube with wedge connection heads at both ends. The plane brace ledger is assembled to the scaffold by means of wedge connections and as such can be used to increase the horizontal rigidity of the scaffold.

Plane Brace Ledger

PQ: 50 pieces

i d. 50 picces				
	Code	Dimensions [cm]	Weight [kg]	
	5FMPP23500*	L 75 x W 75	4,0	
	5FMPP23501*	L 100 x W 100	5,2	
	5FMPP23502	L 150 x W 150	7,4	
	5FMPP23503	L 200 x W 200	9,7	
	5FMPP23504	L 250 x W 250	11,9	
	5FMPP23505*	L 300 x W 300	14,2	

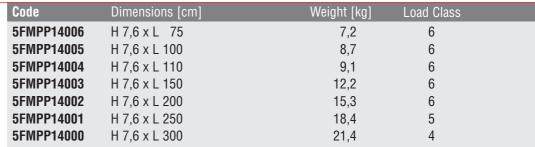
Decks and Panels

Steel Ledger Deck Tubular-Support

Perforated sheet steel, hot-dip galvanised finish with forged connecting claws. Designed to suit all ledgers, double ledgers, lattice girders and side brackets that have a 48,3 mm Ø tube as support. With integral deck retainer. Decks are available in width of 32 cm, 24 cm and 14 cm.

Steel Ledger Deck W32, Tubular-Support

PQ: 39 pieces and 52 pieces



Steel Ledger Deck W24, Tubular-Support

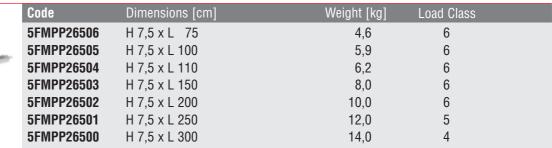
PQ: 39 pieces and 52 pieces

7

Code	Dimensions [cm]	Weight [kg]	Load Class	
5FMPP20505*	H 7,5 x L 75	7,0	6	
5FMPP20504*	H 7,5 x L 100	8,2	6	
5FMPP20506*	H 7,5 x L 110	8,9	6	
5FMPP20503*	H 7,5 x L 150	12,1	6	
5FMPP20502*	H 7,5 x L 200	15,1	6	
5FMPP20501*	H 7,5 x L 250	18,4	5	
5FMPP20500*	H 7,5 x L 300	22,3	4	

Steel Ledger Deck W14, Tubular-Support

PQ: 39 pieces and 52 pieces



Universal Filler Deck

Used to close the gap between console platform and scaffold platform. Width = 24 cm.

Universal Filler Deck

PQ: 50 pieces





* not available from stock

13

Corner Deck Tubular-Support

Used to deck out corners when side brackets are required to be fitted to the scaffold. Designed for tubular support.

Corner Deck, Tubular-Support



Code	Dir	mensions [cm]	Weight [kg] Load Class
5FMPP37000	L	40 x W 40	5,6 6
5FMPP37002	L	60 x W 60	8,5 5
5FMPP37001	L	75 x W 75	12,3 4

Alu Ledger Deck Tubular-Support

Aluminium extrusion profile with forged steel connecting claws and integral deck retainer. Width = 32 cm.

Alu Ledger Deck W32, Tubular-Support

PQ: 60 pieces and 80 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class	
5FMPP13503*	H 5,0 x L 150	9,4	6	
5FMPP13502*	H 5,0 x L 200	11,5	6	
5FMPP13501*	H 5,0 x L 250	13,6	5	
5FMPP13500*	H 5,0 x L 300	15,7	4	

Access Deck contur Tubular-Support

Access Deck contur with full aluminium surface. Frame with solid forged steel claws for tubular horizontals and integral deck retainer.

Alu Access Deck contur W64 w. Alu Surface and Ladder, Tubular-Support

PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class	
5FMPP10501	H 8,1 x L 250	25,2	4	
5FMPP10500	H 8,1 x L 300	28,8	3	

Steel Deck SL-Support

Lightweight perforated steel construction with integrated handles welded underneath for easy assembly. Load capacity of up to 10.00 kN/sqm enables cost efficient scaffold designs.

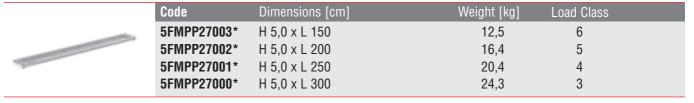
Steel Deck SL W32

hot-dip galvanised, perforated sheet steel. PQ: 39 pieces and 52 pieces

	Code	Dimensions [cm]	Weight [kg]	Load Class
	5FSLN47007	H 7,6 x L 74	6,1	6
	5FSLN47004	H 7,6 x L 110	8,1	6
	5FSLN47003	H 7,6 x L 150	11,2	6
No.	5FSLN47002	H 7,6 x L 200	14,3	6
	5FSLN47001	H 7,6 x L 250	17,4	5
	5FSLN47000	H 7,6 x L 300	20,9	4

Steel Filler Deck W32, SL-Support

decks with the width of 32 cm and 15 cm will be used with double transoms SL with length 150 cm, 200 cm and 250 cm. Details according to the erection manual. PQ: 39 pieces and 52 pieces



Steel Filler Deck W15, SL-Support

PQ: 39 pieces and 52 pieces

Code	Dimensions [cm]	Weight [kg] Load Class
5FMPP17003	H 5,0 x L 150	9,4 6
5FMPP17002	H 5,0 x L 200	12,5 6
5FMPP17001	H 5,0 x L 250	15,6 5
5FMPP17000	H 5,0 x L 300	18,7 4

Timber Deck SL-Support

High quality timber. Designed to suit all SL transoms. The decks should be checked before use. Width = 32 cm.

Timber Deck SL W32

depending on length up to load class 6. PQ: 30 pieces and 45 pieces

	Code	Dimensions [cm]	Weight [kg]	Load Class	
	5FSLN04006	H 4,8 xL 70	5,8	6	
	5FSLN04005	H 4,8 x L 110	7,8	6	
1	5FSLN04003	H 4,8 x L 150	10,5	6	
	5FSLN04002	H 4,8 x L 200	13,7	5	
	5FSLN04004	H 4,8 x L 250	16,8	4	
	5FSLN04025	H 5,0 x L 300	20,7	3	



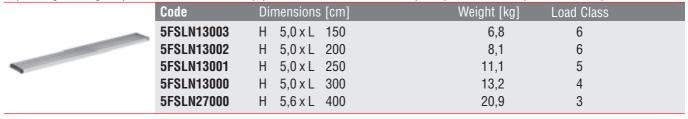
* not available from stock 15

Alu Deck SL-Support

Hollow aluminium extrusion profile with anti-slip surface to suit all SL transoms. Width = 32 cm.

Alu Deck W32

depending on length up to load class 6, non slip platform with hollow loaf tin pressprofile. PQ: 45 pieces and 60 pieces



Alu Deck plus SL-Support

Alu deck with high quality extrusion Alu-profile, with stable, welded Alu head fittings at both ends.

Alu Deck plus W64, SL-Support, non-perforated

PQ: 30 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class
5FSLN27503	H 5,5 x L 150	10,9	6
5FSLN27502	H 5,5 x L 200	14,4	5
5FSLN27501	H 5,5 x L 250	17,8	4
5FSLN27500	H 5,5 x L 300	21,2	4

Alu Frame Deck SL-Support

Frame deck SL with full aluminium surface or high-quality, molder-resistant and water-proof plywood surface according to BFU 100 G. Alu frame with solid plastic receivers for SL star pins. The decks should be checked before use.

Alu Frame Deck SL W64 w. Alu Surface

depending on length up to load class 4. PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg] L	oad Class
5FSLN53003	H 8,1 x L 150	11,7	4
5FSLN53002	H 8,1 x L 200	15,3	4
5FSLN53001	H 8,1 x L 250	18,2	4
5FSLN53000	H 8,1 x L 300	21,8	3

Alu Frame Deck SL W64 w. Plywood Surface

PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class
5FSLN56001	H 7,3 x L 250	18,3	3
5FSLN56000	H 7,3 x L 300	23,8	3

Alu Access Deck SL-Support

Access deck SL with full aluminium surface or high-quality, molder resistant and water-proof plywood surface according to BFU 100 G. Alu frame with solid plastic receivers for SL star pins. With integral or separate ladder available. The decks should be checked before use.

Alu Access Deck SL W64 w. Alu Surface and Ladder

PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class	
5FSLN50001	H 8,1 x L 250	23,8	4	
5FSLN50000	H 8,1 x L 300	27,4	3	

Alu Access Deck SL W64 w. Alu Surface w/o Ladder

can be combined with internal ladder 5FSLN39000. PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class	
5FSLN50002	H 8,1 x L 200	16,0	4	

Alu Access Deck SL W64 w. Plywood Surface and Ladder

PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg] Load Class
5FSLN57001	H 7,3 x L 250	23,0 3
5FSLN57000	H 7,3 x L 300	28,5 3

Horizontal Steel Frame

Hot-dip galvanised frame to support a timber access panel with hatch for internal ladder access.

Horizontal Steel Frame SL

PQ: 18 pieces



Code	Dimensions [cm]	Weight [kg]	Load Class	
5FSLN17001*	H 8,0 x L 250 x W 65	21,7	4	
5FSLN17000*	H 8,0 x L 300 x W 65	24,4	3	

Timber Access Panel w. Hatch

Timber panel with trap door to cover horizontal steel frame for internal ladder access.

Timber Access Panel w. Hatch

for horizontal steel frame SL. PQ: 20 pieces



Code	Dimensions [cm]	Weight [kg]
5FSLN18001*	H 6,0 x L 250 x W 57	28,4
5FSLN18000*	H 6,0 x L 300 x W 57	33,5

Internal Ladder SL

Independent ladder from steel for internal access.

Internal Ladder Steel

PQ: 20 pieces and 60 pieces



Code	Dimensions [cm]	Weight [kg]	
5FSLN39000		9,0	



* not available from stock 17

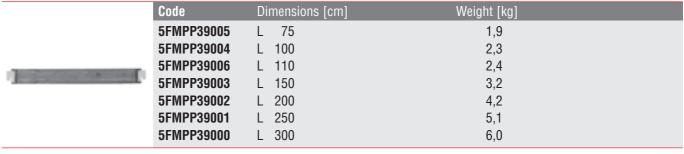
Side Protection

Toeboard for Ledger Decks

Toeboards (timber) are fitted at platform height and complete the required three part side protection. They are fixed between wedge and standard.

Toeboard for Ledger Decks contur

PQ: 70 pieces



Toeboard Bracket SL

For fitting SL toeboards where deck retainers are not needed.

Toeboard Bracket SL



Code	Dimensions [cm]	Weight [kg]	
5FMPP22500		1,1	

Toeboard SL

Timber toeboards are fitted at platform height and complete the required three part side protection. The toeboards are fitted over the toeboard pin which is welded to deck retainers, toeboard bracket SL and foot ledgers of the vertical frames.

Toeboard for SL Decks

PQ: 70 pieces

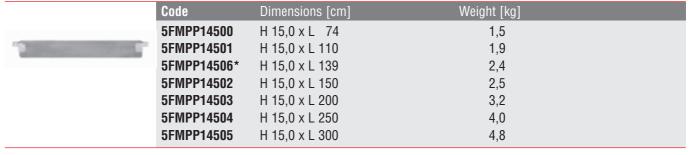
	Code	Dimensions [cm]	Weight [kg]
	5FSNN14006	H 15,0 x L 74	1,8
	5FSNN14007	H 15,0 x L 110	2,5
Phillips was 1	5FSNN14003	H 15,0 x L 150	3,3
	5FSNN14002	H 15,0 x L 200	4,2
	5FSNN14001	H 15,0 x L 250	5,1
	5FSNN14000	H 15,0 x L 300	6,0
	5FSNN14004*	H 15,0 x L 400	10,0

End Toeboard

Same as toeboards SL. They are fitted over toeboard pins along the length of the deck retainer on top of SL-Transoms.

End Toeboard contur

PQ: 152 pieces



Safety Gate

Enables safe access to scaffold bays where external ladder access has to be assembled.

Safety Gate

connected to vertical standard



Code	Dimensions [cm]	Weight [kg]
5FMPP30500*	H 50 x W 75	5,7

Guard Rail Post for Safety Gate

to be connected to two ledgers



Code	Dimensions [cm]	Weight [kg]
5FMPP29500*	H 160	8,1

Ladder Support for Safety Gate

to be connected to standard and ledger



Code	Dimensions [cm]	Weight [kg]
5FMPP30000*	L 92	5,0

Base Plates

Base Plate

A number of base plates in various lengths are available to compensate uneven scaffold foundations. The base plates thread is rounded to allow the wing nut to be quickly screwed up or down, whilst also making cleaning easier. It is important to note that 25 % of the base plates length or at least 15 cm should always be in the scaffold standard.

Base Plate

tubular spindle with round thread fitted with wing nut and 15x15 cm base plate. PQ: 200 pieces / H 40 = 250 pieces



Code	Dimensions [cm]	Weight [kg]
5FSOG59006	H 40	2,9
5FS0G59007	H 60	3,6
5FSOG59008	H 80	4,3
5FSOG60000 tilting	H 78	5,7



* not available from stock 19

Base Plate w/o Vertical Adjustment



Code	Dimensions [cm]	Weight [kg]
5FS0G48000	L 15 x W 15	1,1

Fixation for Base Plate

Used to secure base plates when lifting scaffold with crane.

Fixation for Base Plate



Code Dimens	ions [cm] Weight [kg]
5FMPP22000* L 60	3,1

Side Brackets

Side Bracket contur Tubular-Support

To support ledger decks or universal scaffold planks with an integrated brace to extend the scaffold.

Side Bracket contur, Tubular-Support

PQ: 30 pieces



Code	Dimen	sions [cm]	Weight [kg]	
5FMPP15502	L 41		3,5	
5FMPP15500	L 50)	3,8	
5FMPP15503*	L 60)	4,3	
5FMPP15501	L 75	5	6,0	

Intermediate Side Bracket contur

Side bracket to be attached to ledgers independant of standards



Code	Din	nensions	[cm]	Weight [kg]
5FMPP35000*	Н	50 x W	42	5,3
5FMPP35001*	Н	50 x W	58	6,0
5FMPP35002*	Н	50 x W	75	6,9

Console Ledger

To support ledger decks or universal scaffold planks up to 24 cm widths.

Console Ledger, Tubular-Support



Code	Dimen	isions [cm]	Weight [kg]
5FMPP29000*	L 29	9	1,5

Side Bracket SL-Support

With side brackets the scaffold can be extended.

Side Bracket, SL-Support

reinforced with integrated brace. PQ: 30 pieces



Code	Din	nensions [cm]	Weight [kg]	
5FMPP15000 1-deck (SL 40)	L	41	3,3	
5FMPP15001 2-deck (SL 70)	L	74	5,9	

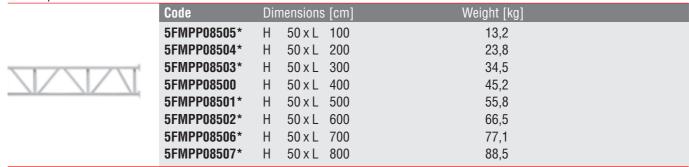
Lattice Girders, Bridges

Steel Lattice Girder contur

Designed to build bridging constructions. Height = 50 cm. Four wedge connection heads. Enable working levels with bigger spans to be constructed. Available either with tubular support or SL support with star pins.

Steel Lattice Girder, contur, H50, Tubular-Support

PQ: 10 pieces



Steel Lattice Girder, contur, H50, SL-Support

PQ: 10 pieces



Code	Dim	nensions	[cm]	Weight [kg]	
5FMPP16005*	Н	50 x L	250	29,9	
5FMPP16004*	Н	50 x L	300	34,3	
5FMPP16000	Н	50 x L	400	44,8	
5FMPP16006*	Н	50 x L	450	50,3	
5FMPP16001	Н	50 x L	500	55,4	
5FMPP16002	Н	50 x L	600	66,2	
5FMPP16003	Н	50 x L	750	83,3	



* not available from stock 21

Steel Lattice Girder

Lattice girders in lengths up to 820 cm for bridging spans, cantilevering out, designing platforms and other special applications. Connection to scaffold by means of double couplers only. Reinforcing braces are fixed in distances of 50 cm. Height = 45 cm.

Steel Lattice Girder H40

axle distance 40 cm, height 45 cm, steel tube \emptyset 48,3 mm, loading tables on demand, girders maybe extended using connection spigots. PQ: 10 pieces

	Code	Dimensions [cm]	Weight [kg]	
	5FS0G84500	H 40 x L 320	30,3	
	5FS0G84501	H 40 x L 420	39,2	
	5FS0G84502	H 40 x L 520	48,2	
	5FS0G84503	H 40 x L 620	57,1	
	5FS0G84504	H 40 x L 770	71,2	
	5FS0G84505	H 40 x L 820	75,7	

Heavy Load Lattice Girder

Lattice girders in lengths of up to 700 cm. Similar design to the normal lattice girder but with a bigger height to enable the beam to carry more load. The heavy load lattice girders form the main support for the plettac modular roof. Height = 75 cm.

Heavy Duty Lattice Girder H70

axle distance 70 cm, height 75 cm, steel tube Ø 48,3 mm, loading tables on demand, girders maybe extended using connection spigots. PQ: 10 pieces

	Code	Dimensions [cm]	Weight [kg]
// // //	5FS0G35003	H 70 x L 400	43,1
	5FS0G35002	H 70 x L 500	52,9
· // // //	5FS0G35001	H 70×L 600	62,6
	5FSOG35000	H 70 x L 700	73,2

Alu Lattice Girder

Same as steel lattice girder but aluminium. Height = 45 cm.

Alu Lattice Girder H40

axle distance 40 cm, height 45 cm, aluminium tube \emptyset 48,3 mm, loading tables on demand, girders maybe extended using connection spigots. PQ: 10 pieces

	Code	Dimensions [cm]	Weight [kg]	
	5FS0G85000	H 40 x L 320	12,6	
	5FS0G85001	H 40 x L 420	16,3	
	5FS0G85002	H 40 x L 520	19,9	
	5FS0G85003	H 40 x L 620	23,6	
	5FS0G85004	H 40 x L 770	29,4	
	5FS0G85005	H 40 x L 820	31,2	

Connecting Spigot for Lattice Girder

These connection spigots are used to extend or connect lattice girders. Two spigots are required to form a butt joint. The spigots are inserted inside the tube ends and are secured using 4 bolts with spring clips. Alternative use of special bolt with self securing nut is possible. Curved connection spigots are available to form a ridge joint for roof constructions.

Connecting Spigot Straight for Lattice Girder



	Code	Dimensions [cm]	Weight [kg]
Ò	5FS0G02101	halte and enring aline per enjage	2,2
	inclusive 4 connection bolts and spring clips per spigot		

Bolt Ø 12 mm for Connection Spigot for Lattice Girder



Code	Dimensions [mm]	Weight [kg]
3ZB0L01200	L 60	

Circlip Ø 3,2 mm for Connection Spigot for Lattice Girder



Code	Dimensions [cm]	Weight [kg]	
3ZFED10007	L 10		

Connecting Spigot Curved for Lattice Girder

inclusive 4 connection bolts and spring clips per spigot for lattice girder H 40 to create a 10° pitch



aa op:g o	and opining onpo per opigotion latinos gillatinin to to orbato a no piton			
Code	Dimensions [cm]	Weight [kg]		
5FS0G41000 formed for the u		3,5		
5FS0G41001 formed for the lo		2,8		

Special Bolt M 12 x 65 w. Self-Locking Nut



Code	Dimensions [cm]	Weight [kg]
5FSESMPP00		0,1



Support Spigot

Designed to enable foundation for standards. This spigot can be assembled on tubes \emptyset 48,3 mm. Choice of welded on half clamp or wedge connection.

Support Spigot for Ledger w. coupler



Code	Dimensions [cm]	Weight [kg]
5FMPP10002* 19 A/F	L 30	1,6
5FMPP10000 22 A/F	L 30	1,6

Support Spigot for Ledger w. wedge joint



Code	Dimensions [cm]	Weight [kg]	
5FMPP10001*	L 36	2,0	

Alu Bridge

Aluminium bridges with a lengths of up to 10 m are designed for bridging spans and to build ceiling scaffolds. Post brackets are available for use with posts, system guard rails and toeboards to provide the necessary three part side protection. The requirements per railing connection are: 1 guard rail post, 1 post bracket, 1 tie rod, 2 wing nuts. The aluminium bridge must be secured against lifting. It is not permitted to continue scaffold off aluminium bridges.

Alu Bridge

2,0 kN/m² capacity. Bridges longer than 616 cm: 1,5 kN/m² capacity. PQ: 5 pieces



	Code	Dimensions [cm]	Weight [kg]	
,	5FS0G74004	L 416 x W 60	24,1	
	5FS0G74003	L 516 x W 60	27,7	
	5FS0G74002	L 616 x W 60	39,3	
	5FS0G74001	L 816 x W 60	66,3	
	5FS0G74000	L 1016 x W 60	82,3	

Post Bracket



Code	Dimensions [cm]	Weight [kg]	
5FS0G46000		1,2	

Tie Rod

Code	Dimensions [cm]	Weight [kg]
7FAST08000 80 for 1 aluminium bri	L 80 idge	1,2
7FAST14000 140 for 2 aluminium b	L 140 pridges	2,0
7FAST20000 200 for 3 aluminium b	L 200 vridges	2,9



Code	Dimensions [cm]	Weight [kg]
5FFLM10001		0,4

Deck Retainer



Code	Dimensions [cm]	Weight [kg]
5FKUP45502		1,0

Staircases

Heavy Load Staircase

The staircase is assembled using left and right hand side stair stringers in combination with special stair treads secured with clips. Platform horizontals close the gap between the stair treads and upper and lower landing. The staircase rises 200 cm in a 300 cm bay. Stair treads are available for two widths: 100 cm with a load capacity of 7,50 kN/m² and 125 cm with a load capacity of 5,00 kN/m².

Stair Stringer contur H100, Tubular-Support

for combination with ledger decks at landing



a one at an ang				
Code	Dimensions [cm]	Weight [kg]		
5FMPP45002 right hand side	H 100 x L 150	17,5		
5FMPP45003 left hand side	H 100 x L 150	17,5		

Stair Stringer contur H200, Tubular-Support

for combination with ledger decks at landing



Code	Dimensions [cm]	Weight [kg]
5FMPP45000 right hand side	H 200 x L 300	30,9
5FMPP45001 left hand side	H 200 x L 300	30,9

Platform Ledger contur, Tubular-Support

for combination with ledger decks at landing



Code	Dimensions [cm]	Weight [kg]
5FMPP46000	L 125	6,8
5FMPP46002	L 150	8,2



Stair Stringer H100, SL-Support

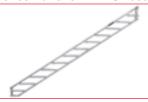
for combination with SL decks at landing



Code	Dimensions [cm]	Weight [kg]
5FMPP45006 right hand side	H 100 x L 150	17,5
5FMPP45007 left hand side	H 100 x L 150	17,5

Stair Stringer H200, SL-Support

for combination with SL decks at landing



Code	Dimensions [cm]	Weight [kg]	
5FMPP45004 right hand side	H 200 x L 300	30,9	
5FMPP45005 left hand side	H 200 x L 300	30,9	

Platform Ledger, SL-Support

for combination with SL decks at landing



Code	Dimensions [cm]	Weight [kg]
5FMPP46001	L 125	6,8
5FMPP46003	L 150	8,2

Stair Tread



Code	Dimensions [cm]	Weight [kg]	
5FMPP44500	L 100	7,3	
5FMPP44501	L 125	10,8	

Security Clip for Stair Tread



Code	Dim	ensions [cm]	Weight [kg]
3ZBIE00416	L	9	

Two-Step-Bracket for Ledger Decks

to employ two ledger decks at 16,6 cm height intervals



Code	Dimensions [cm]	Weight [kg]	
5FMPP57000	H 30 x W 60	5,6	

Two-Step-Bracket, SL-Support

to employ two SL decks at 16,6 cm height intervals



	<u>, </u>		
	Code	Dimensions [cm]	Weight [kg]
	5FMPP56000	H 30 x W 60	5,0
_			

Child Proof Guard Rail for Stair Stringer contur H100



Code	Dimensions [cm]	Weight [kg]
5FMPP48000 right hand side	L 150	23,5
5FMPP48002 left hand side	L 150	23,5

Child Proof Guard Rail for Stair Stringer contur H200



Code	Dimensions [cm]	Weight [kg]
5FMPP48001 right hand side	L 300	43,7
5FMPP48003 left hand side	L 300	43,7

Child Proof Guard Rail for Landing contur H110



Code	Dimensions [cm]	Weight [kg]
5FMPP47503	L 75	13,4
5FMPP47502	L 125	19,2
5FMPP47504	L 150	21,8
5FMPP47505	L 200	30,3
5FMPP47501	L 250	36,2
5FMPP47500	L 300	41,4
5FMPP47000 3-deck	L 110	18,1
5FMPP47001 4-deck	L 139	21,7



Steel Staircase Tubular-Support

Fully welded stair with steel grid treads. Stair is hooked over ledgers. Staircase rises 200 cm in a 250 cm bay. Steel staircases are available in two different widths: 75 cm and 95 cm, load capacity 2,0 kN/m².

Steel Staircase contur H100, Tubular-Support

for system height 100 cm, to be supported by decks at lower side



Code	Dimensions [cm]	Weight [kg]
5FMPP49500	L 125 x W 75	32,4
5FMPP49501	L 125 x W 100	40,9

Steel Staircase contur H200, Tubular-Support

for system height 200 cm



Code	Dimensions [cm]	Weight [kg]	
5FMPP49000	L 250 x W 75	71,1	
5FMPP49001	L 250 x W 100	85,5	

Alu Staircase Tubular-Support

Aluminium stair complete with upper and lower landing. With forged support claws for tubes 48,3 mm \emptyset and deck retainer. Stair rises 200 cm in a 250 cm or 300 cm bay. Width = 65 cm, load capacity 2,0 kN/m².

Alu Staircase contur H200, 2 kN

for system height 200 cm. PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg]	
5FMPP50000	L 250 x W 65	28,5	
5FMPP50001	L 300 x W 65	33,5	

Alu Staircase SL-Support

Designed for external scaffold access without reducing the working space. Full aluminium staircase with anti-slip surface and upper and lower landings. Head connectors for SL transoms. Width = 65 cm, load capacity 2,0 kN/m².

Alu Staircase SL H200, 2 kN

PQ: 10 pieces



Code	Dimensions [cm]	Weight [kg]	
5FSLN40500	L 250 x W 65	27,5	
5FSLN40501	L 300 x W 65	32,5	

Alu Staircase Transom SL

for 2 alu staircases SL H200



Guard Rail

Guard rails for the aluminium staircases.

Outer Guard Rail contur Single for Alu Staircase H200



Stair Head Guard Rail

for Alu Staircases H200, 2kN, with protection for upper landing



Code	Dimensions [cm]	Weight [kg]
5FSLN00600	L 250	14,7

Inner Guard Rail Double for Alu Staircases H200

PQ: 20 pieces



Code	Dimensions [cm]	Weight [kg]
5FSLN41000	L 250	14,8

Couplers

Standard Couplers

Steel, drop-forged with T-bolt and shoulder nut.

Normal Coupler

with approval Z-8.331-838, certificate DIN EN 74-RA-B, 9,1kN load capacity. PQ: 20 pieces/bag



	, -,	- 1 - 1 9	
Code	Dimensions [cm]	Weight [kg]	
5FKUP10011 Ø 48/48, 19 A/F		1,0	
5FKUP10010 Ø 48/48, 22 A/F		1,0	

Swivel Coupler

with approval Z-8.331-818, certificate DIN EN 74-SW-A, 5,2 kN load capacity. PQ: 20 pieces/bag



COLLINGATO DITA ETA 1	obtaindate Bitt Eit 7 1 6 v 7 1, 6,2 kit load dapaolty. 1 d. 20 pioodo/bag				
Code	Dimensions [cm]	Weight [kg]			
5FKUP20017 Ø 48/48, 19 A/F		1,2			
5FKUP20019 Ø 48/48, 22 A/F		1,2			



Tension Coupler

approval certificate DIN EN 74-SF-B, 6,1 kN load capacity, only in connection with tube connecting spigot. PQ: 20 pieces/bag



•		a capacity, c, cc	micetion into tage commenting opigeti i at 20 proces, sag
	Code	Dimensions [cm]	Weight [kg]
	5FKUP65002 Ø 48, 19 A/F		1,4
	5FKUP65001 Ø 48, 22 A/F		1,4

Tube Connecting Spigot

certificate DIN EN 74-LS-B, for the use with tension coupler. PQ: 20 pieces/bag



Code	Dimensions [cm]	Weight [kg]	
5FDIV10001		1,3	

Distance Coupler

for the connection of parallel tubes with a fixed distance e.g. at the erection of staircases in a prior base unit



Code		Dime	ensions [cm]	Weight [kg]	
	5FKUP34500 22 A/F	W	8	1,4	

Scaffold Tie Coupler

are used in connection with a tube Ø 48,3 mm as scaffold tie. PQ: 20 pieces/bag



		1 0
Code	Dimensions [cm]	Weight [kg]
5FKUP38001 19 A/F		1,0
5FKUP38000 22 A/F		1,0

Toeboard Coupler

for connection of toeboards SL and quadro



0	o oc and quadro								
	Code	Dimensions [cm]	Weight [kg]						
	5FKUP56001* 19 A/F		1,2						
	5FKUP56000 22 A/F		1,2						

System Coupler

Steel, drop-forged with T-bolt and shoulder nut.

Wedge Connection Coupler, fixed

used to connect scaffold tubes to the contur system w. a right angle



	, ,		
Code	Dimensions [cm]	Weight [kg]	
5FMPP19000 22 A/F		1,1	

Wedge Connection Coupler, turnable

used to connect scaffold tubes to the contur system w/o limiting the angle



Code	Dimensions [cm]	Weight [kg]
5FMPP19001 22 A/F		1,2

Ties

Scaffold Tie

Scaffolds must be tied to a solid structure in such a way as to be able to withstand forces in both directions perpendicular and parallel to the surface of the structure (tension and compression). The anchorage of the scaffold should be in accordance with the methods described in the General Building Executive Authorisation, the manufacturers guides for the erection and use of the scaffold as well as any local or national requirements issued by Health and Safety Executives. Requirements per tying-in point are: One clearance tie with double coupler or one scaffold tie with two double couplers.

Scaffold Tie

PQ: 100 pieces



Eyebolt

12 mm Ø steel, galvanised, welded eye.

Eyebolt

PQ: 100 pieces



Code	Dimensions [mm]	Weight [kg]
5FDIV00106	L 95	0,1
5FDIV00107	L 120	0,2
5FDIV00108	L 160	0,2
5FDIV00109	L 190	0,2
5FDIV00110	L 230	0,3
5FDIV00111	L 350	0,4



Expansion Anchor

Plastic, for eye bolts with course thread. 12 mm fits 14 mm Ø drilled hole.

Expansion Anchor

PQ: 100 pieces



Code	Dimensions [mm]	Weight [kg]
5FDIV00105	L 70	
5FDIV00149	L 100	
5FDIV00150	L 130	

Plastic Cap

To cover 14 mm Ø drilled holes.

Plastic Cap

PQ: 1.000 pieces



Code	Dimensions [cm]	Weight [kg]
5FDIV00104 for drilled holes Ø 14	mm	

Accessories

Spindle w. Coupler

Enables scaffold extensions to be levelled out, e.g. on top of a lattice girder.

Spindle w. Coupler

	Code	Dimensions [cm]	Weight [kg]			
	5FS0G16501 19 A/F	H 50	2,6			
†	5FS0G16500 22 A/F	H 50	2,6			

Head Jack

Head Jacks may take timber or steel beams to build the top end of supporting scaffolds, opening of fork head 17 cm.

Head Jack



Castor

To insert into scaffolding tubes. 200 mm Ø wheel, spindle travel 45 cm, load capacity 11,9 kN. The outer ring allows quick engagement and disengagement from the mobile scaffold. The wing nut allows the castors to be securely attached to the frame or modular component. It contains an additional wing bolt to secure complete castor to standards or frames. Independent scaffolds equipped with castors have to be designed in compliance with local regulations. Brakes enable locking of independent scaffold.

Castor 11.9 kN

with spindle, adjustable height 45 cm, castor Ø 200 mm with brake, load capacity 11,9 kN centre point load PQ: 40 pieces



Pig Tail Pin

9 mm Ø steel, hot-dip galvanised. Protection against lift-off.

Pig Tail Pin



Code	Dimensions [cm]	Weight [kg]	
5FBIE00805		0,1	

Ratchet Spanner

Solid design with aluminium handle. Steel head with reverse lever for left-hand or right-hand motion. In different designs available.

Ratchet Spanner



Code	Din	nensions [cm]	Weight [kg]	
5FSLÜ00200 for 19 A/F	L	30	0,8	
5FSLÜ00202 for 22 A/F	L	30	0,8	
5FSLÜ00201 for 19 A/F and 22 A/F	L	30	1,0	

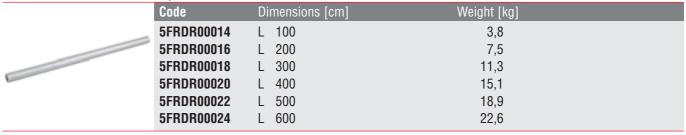


Scaffold Tubes

Scaffold tubes can be supplied in a choice of either steel or aluminium. Ø 48,3 mm.

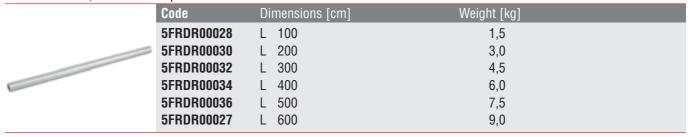
Steel Scaffold Tube

wall thickness 3,2 mm. PQ: 61 pieces



Alu Scaffold Tube

wall thickness 4,0 mm. PQ: 61 pieces



Stacking Pallets

A selection of different types of pallets is available for space saving storage at site or in the depot. Designed with attention to the dimensions of the most important system components usage of available space is guaranteed. Also suitable for transport, erection and inventory purposes. All pallets have been designed for fork-lift transport.

Pallet for Tubes 85x85

with 4 removable posts, load capacity 1.100 kg



Code	Dir	Dimensions [cm]			Weight [kg]
5FS0G11501	Н	27 x L	85 x W	85	34,6

Pallet for Tubes 125x85

with 4 removable posts, load capacity 1.600 kg



Code	Dimensions [cm]		Weight [kg]
5FS0G11500	H 27 x L 125 x W	85	39,3

Pallet for Tubes 110x60

with welded on rectangular posts, load capacity 6.500 kg



Code	Dimensions [cm]	Weight [kg]
5FS0G69500	H 93 x L 110 x W	60 42,1

Crate



Code	Dimensions [cm]		Weight [kg]	
5FDIV00120	H 100 x L 120 x W	80	85,0	

