



INTEL PROJEKT



L.P.P.

06

STABILITY

Prop LPP type D-E-B-C- without hook or base plate



Type D: TP from 4.92 ft to 8.20 ft
Type E: TP from 6.89 ft to 12.14 ft

Type B: TP from 10.17 ft to 17.39 ft
Type C: TP from 13.12 ft to 23.29 ft

Push-pull (TP) prop LPP type 11-1-2-3 without hook or base plate



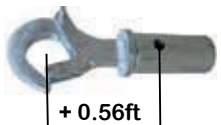
Type 11: TP from 5.9 ft to 9.18 ft
Type 1: TP from 8.53 ft to 14.11 ft

Type 2: TP from 11.15 ft to 18.37 ft
Type 3: TP from 14.11 ft to 24.28 ft

Push-pull prop (TP) RS 1000 without hook or base plate



RS 1000 - TP 21.32 ft to 32.81 ft



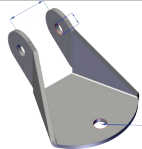
Fixed hook on formwork

+ 0.56ft

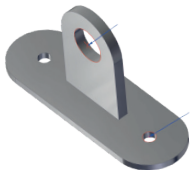
Rotating hook on concrete counterweight



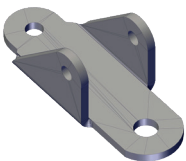
+ 0.59ft



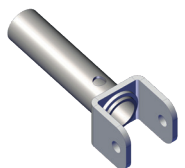
Base plate for D 0.63" spit



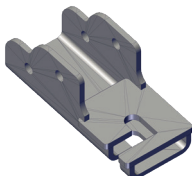
Base plate for a hook



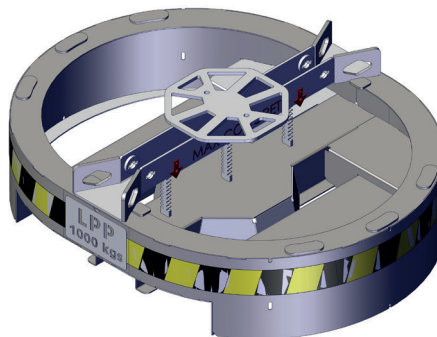
Base plate for D 0.63" spit or rod D 0.9"



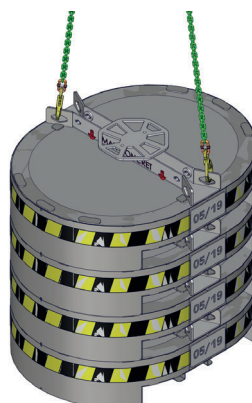
Double stability lower clamp for bracing with a rod D0.9" maxi



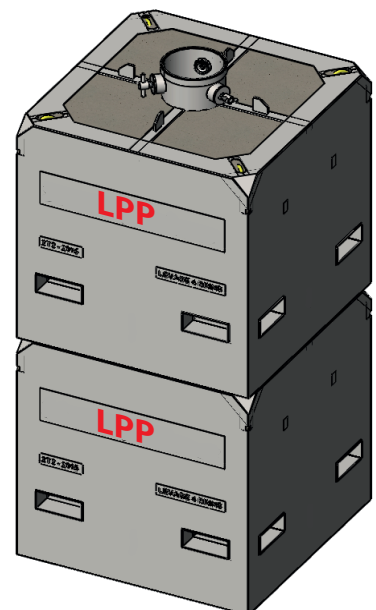
For props TP 11-1-2-3



Steel framework for oval counterweight 1T Grapple integrated Holes for mounting prop base plates Wdth 47.24" x 59.05" Ht = 17.91"



Counterweight for electric pillar
Ht = 39.37" weight = 2.2T
Pillar Ø maxi 7.87"





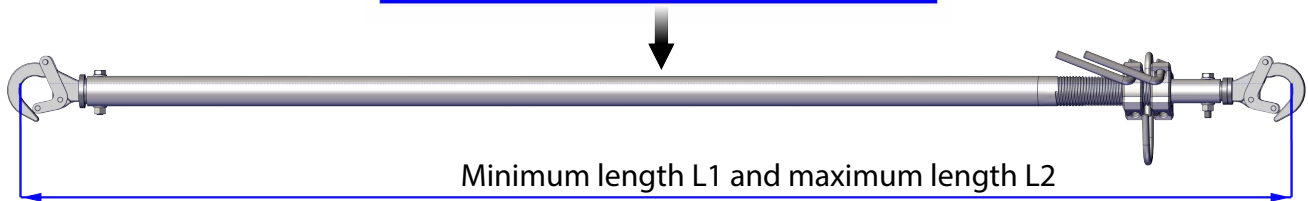
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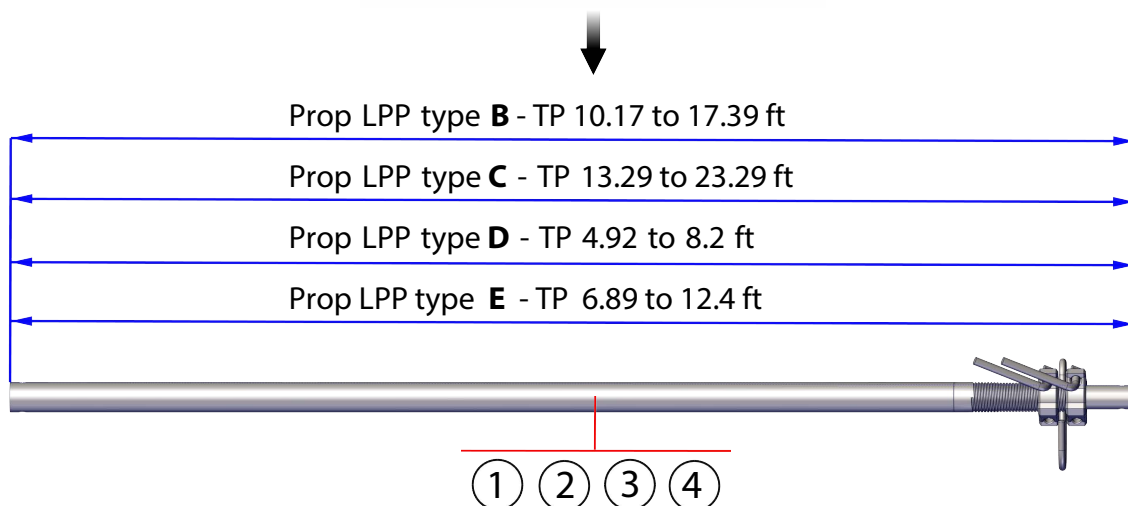
L.P.P

Dimensions of Push-pull (TP) props with hooks for stability of wall formwork



Functional lengths with hooks		
TYPE	L1	L2
B	11.15 ft	18.37 ft
C	14.27 ft	24.28 ft
D	5.9 ft	9.18 ft
E	7.87 ft	13.12 ft

Dimensions of TP props without hooks or base plates



N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Prop LPP type B - D 2.36 "/ 1.89 " - TP 10.17/17.39 ft galva (without hook)	ETAITPENB	GP0032-B	63.93 lbs
2	Prop LPP type C - D 2.36 "/ 1.89 " - TP 13.29/23.29 ft galva (without hook)	ETAITPENC	GP0033-C	78.26 lbs
3	Prop LPP type D - D 2.36 "/ 1.89 " - TP 14.92/8.2 ft galva (without hook)	ETAITPEND	GP0852-D	33.07 lbs
4	Prop LPP type E - D 2.36 "/ 1.89 " - TP 6.89/12.14 ft galva (without hook)	ETAITPENE	GP0360-E	26.3 lbs

Stability props type B-C-D-E
Stability of wall formwork

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Stability

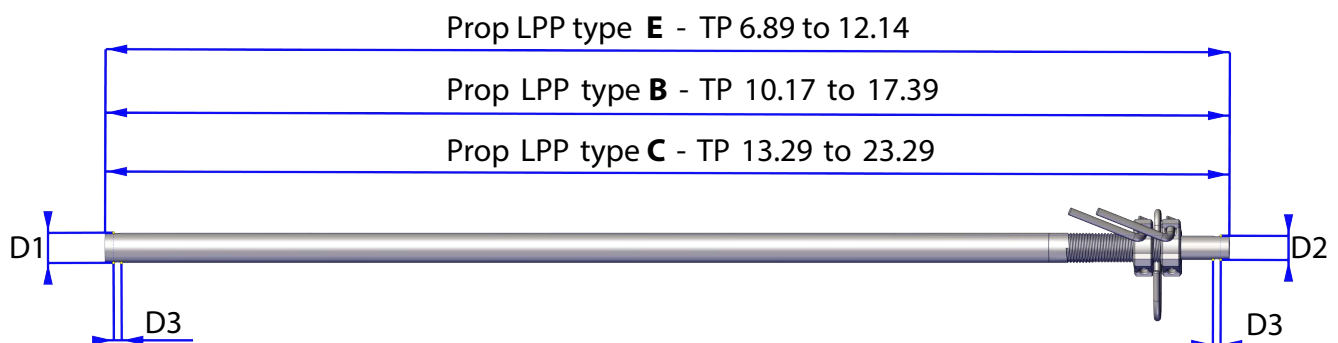


L.P.P

Props TP LPP type E-B-C

STABILIZERS LPP N° E-B-C			
Weighing coefficient 1.65 Eurocode 3			
LOAD-BEARING CAPACITY in daN			
LENGTH	LPP type E	LPP type B	LPP type C
(")	6.89 to 12.14	10.17 to 17.39	13.29 to 23.29
7.38	2670		
8.20	2600		
10.01	2360	2420	
11.48	2060	1940	
12.96/13.12	1630	1510	2420
14.8		1210	1940
16.4		970	1630
17.22		850	1450
18.04			1270
19.7			1030
21.3			910
23.1			730
WEIGHT	46.3 lbs	61.73 lbs	77.16 lbs
D1 external	2.37"		
D2 internal	1.9"		
D3 bolt	0.55"		

(10 N=1 daN= 2.2 lbs)



Stability props type E-B-C
Weighing coefficient in daN

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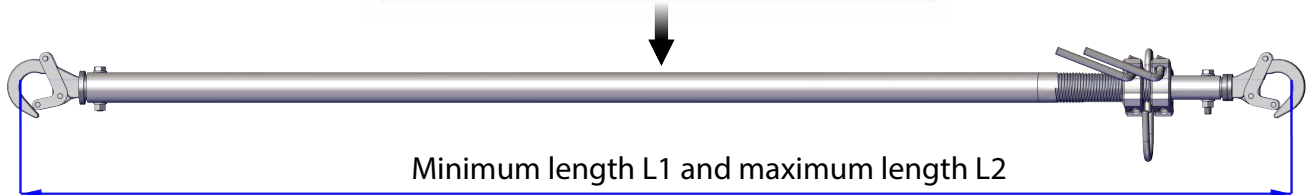
INTEL PROJEKT

Stability



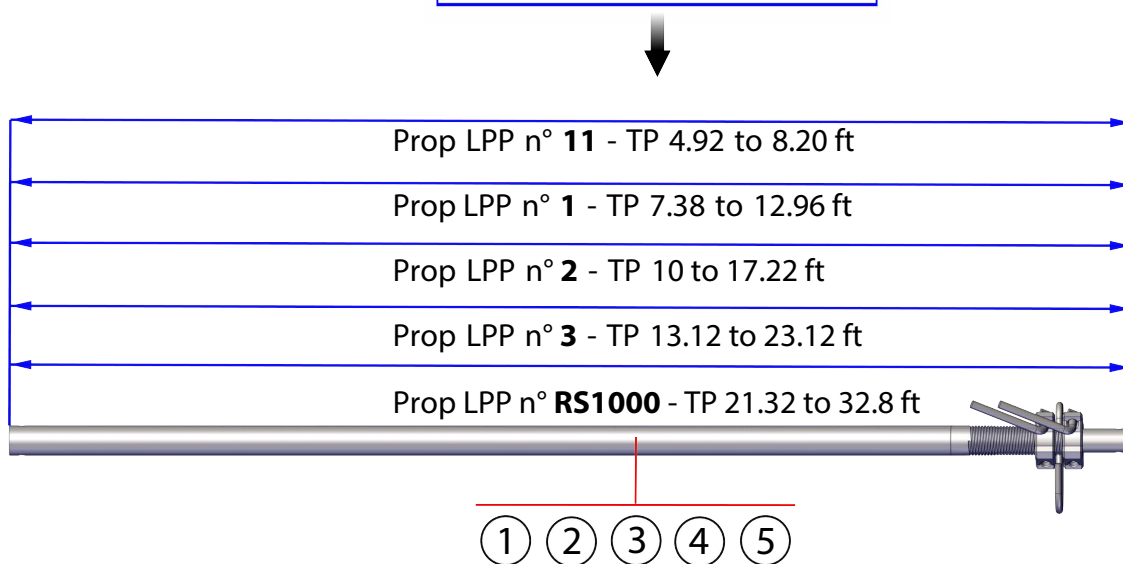
L.P.P.

Dimensions of Push-pull props (TP) with rotating or fixed hooks



Functional lengths with hooks		
TYPE	L1	L2
11	5.9 ft	9.18 ft
1	8.53 ft	14.11 ft
2	11.15 ft	18.37 ft
3	14.27 ft	24.28 ft
RS1000	22.47 ft	33.96 ft

Dimensions of TP props without a base plate or a hook



N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Prop LPP n°11 - TP 4.92/8.20 ft galva without a base plate	ETAITPEN0	GP0852	53.8 lbs
2	Prop LPP n°1 - TP 7.38/12.96 ft galva without a base plate	ETAITPEN1	GP0360	59.5 lbs
3	Prop LPP n°2 - TP 10/17.22 ft galva without a base plate	ETAITPEN2	GP0032	81.6 lbs
4	Prop LPP n°3 - TP 13.12/23.12 ft galva without a base plate	ETAITPEN3	GP0033	103.6 lbs
5	Prop RS1000 - TP 21.32/32.8 ft galva without a base plate	ETAIPERIRS1000		253.5 lbs

Prop TP LPP N°11-1-2-3 and RS
Wall formwork stability

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INTEL PROJEKT

Stability



L.P.P

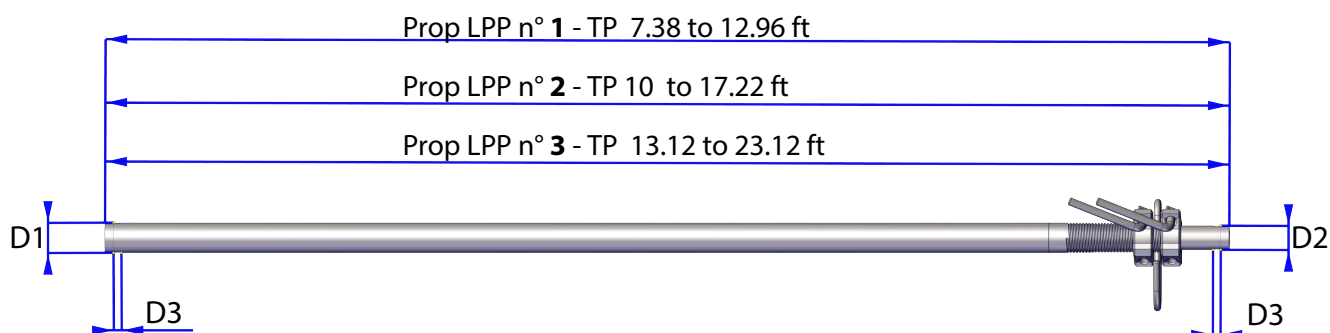
PROPS LPP TP N° 1-2-3

STABILIZERS LPP N°1-2-3			
Weighing Coefficient 1.65 Eurocode 3			
LOAD-BEARING CAPACITY IN daN			
LENGTH	LPP n° 1	LPP n° 2	LPP n° 3
(ft)	8.53 to 14.11	11.15 to 18.04	14.27 to 24.28
8.53	4880		
9.84	3830		
11.15	3102	3102	
11.48	2921	2921	
13.12	2288	2288	
14.11	2018	2018	
14.27		1973	1973
14.76		1837	1837
16.4		1505	1505
18		1255	1255
18.2		1236	1236
19.68			1063
21.32			911
22.96			789
24.28			709
WEIGHT	59.5 lbs	81.6 lbs	103.6 lbs
D1 external	2.99"		
D2 internal	2.5"		
D3 bolt	0.63"		

(10 N=1 daN=2.2 lbs)

PROPS TP RS 1000

		Length [ft]		Permissible effort [daN]					WEIGHT
Prop	Mini	Max	Compression & Traction						
RS 1000	21.32	32.8	21.32 ft	22.96 ft	26.24 ft	29.53 ft	32.8 ft	253.5 lbs	
			2950	2600	1960	1460	1110		



Prop LPP TP N°1-2-3 and RS
Load-bearing capacity in daN

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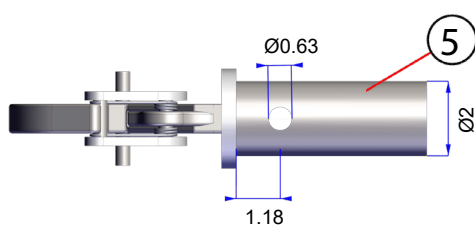
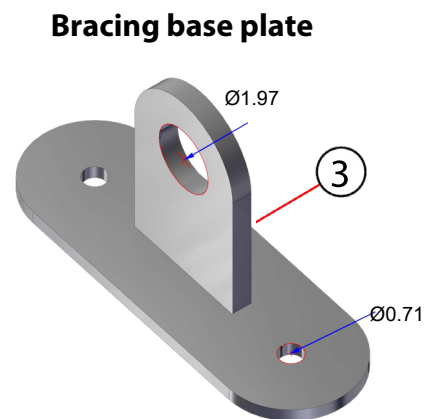
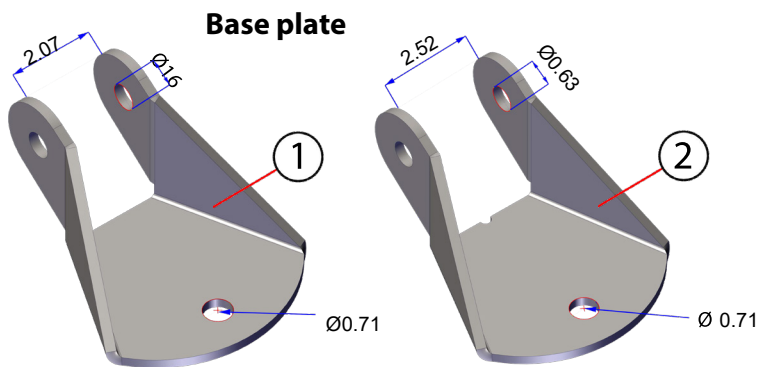
Stability



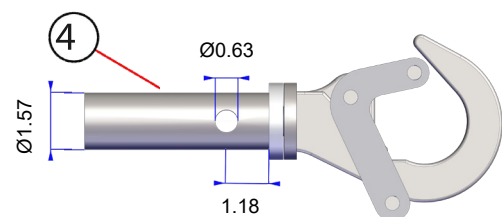
L.P.P.

Table of mounting hooks and base plates on props ("")

TYPE	Upper tube diameter	Bolt hole diameter	Bolt type	Fixed hook	Upper base plate
	Lower tube diameter	Bolt hole diameter	Bolt type	Rotating hook	Lower base plate
Prop B Item: ETAITPENB	Ø2.37	Ø0.63	HM14x90	CFPOURDIA60	CHAPHAUT603
	Ø48.3	Ø0.63	HM14x90	CTPOURDIA48	CHAPBASD483
Prop C Item: ETAIPENC	Ø1.9	Ø0.63	HM14x90	CFPOURDIA60	CHAPHAUT603
	Ø48.3	Ø0.63	HM14x90	CTPOURDIA48	CHAPBASD483
Prop D Item: ETAIPEND	Ø2.37	Ø0.63	HM14x90	CFPOURDIA60	CHAPHAUT603
	Ø1.9	Ø0.63	HM14x90	CTPOURDIA48	CHAPBASD483
Prop E Item: ETAIPENE	Ø2.37	Ø0.63	HM14x90	CFPOURDIA60	CHAPHAUT603
	Ø1.9	Ø0.63	HM14x90	CTPOURDIA48	CHAPBASD483



Upper fixed hook



Lower rotating hook

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Bracing base plate for a 1.9" diameter tube	CHAPBASD483	GP1063-2	2.29 lbs
2	Upper base plate for a 2.37" tube diameter 0.63"	CHAPHAUT603	GP1063-3	2.27 lbs
3	Hook base plate	CHAPANCRE50	GP1180-D50	7.71 lbs
4	Rotating stability hook for a 1.9" diameter tube	CTPOURDIA48	GP0358-D48,3	4.41 lbs
5	Fixed stability hook for a 2.37" diameter tube	CFPOURDIA60	GP0359-D60,3	6.61 lbs

Stability props type B-C-D-E
Fixed or rotating hooks and base plates

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INTEL PROJEKT

Stability

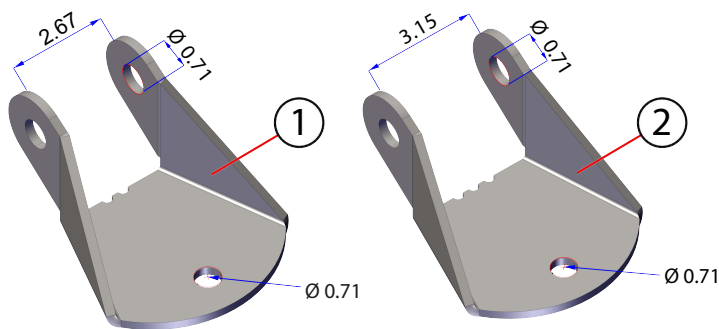


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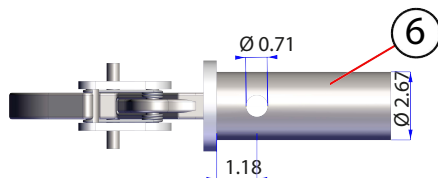
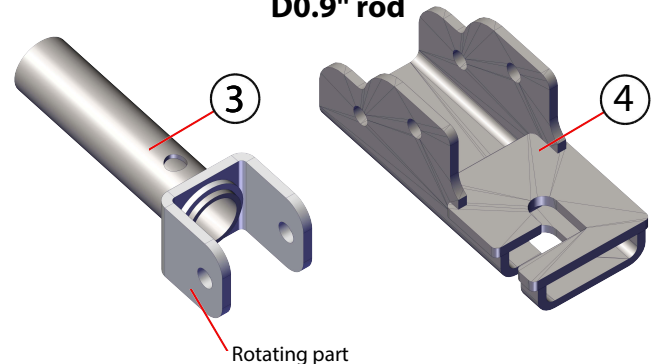
Table of mounting hooks and base plates on props (")

TYPE	Upper tube diameter	Bolt hole diameter	Bolt type	Fixed hook	Upper base plate
	Lower tube diameter	Bolt hole diameter	Bolt type	Rotating hook	Lower base plate
Prop 11 Item: ETAITPEN0	Ø 2.99	Ø 0.71	HM16x120		CHAPBASD761
	Ø 2.5	Ø 0.71	HM16x110	CROTOUR1	CHAPBASD635
Prop 1 Item: ETAITPEN1	Ø 2.99	Ø 0.71	HM16x120		CHAPBASD761
	Ø 2.5	Ø 0.71	HM16x110	CROTOUR1	CHAPBASD635
Prop 2 Item: ETAIPEN2	Ø 2.5	Ø 0.71	HM16x110	EVO1584	CHAPBASD635
	Ø 2.5	Ø 0.71	HM16x110	CROTOUR1	CHAPBASD635
Prop 3 Item: ETAIPEN3	Ø 2.5	Ø 0.71	HM16x110	EVO1584	CHAPBASD635
	Ø 2.5	Ø 0.71	HM16x110	CROTOUR1	CHAPBASD635

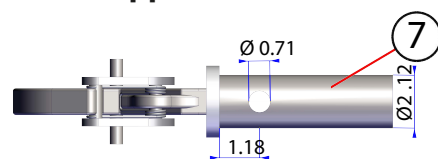
Bracing base plate with D0.63" Spit



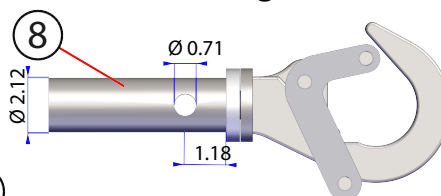
Double lower base plate + rotating piece for bracing with a D0.67" or D0.9" rod



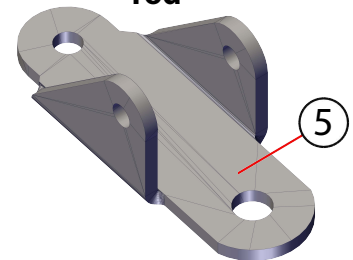
Upper fixed hook



Lower rotating hook



Reinforced upper base plate for bracing with a D 0.67" or D0.9" rod



Dimensions in inches

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Bracing base plate of a TP prop D 2.5"	CHAPHAUD635	GP1063	2.27 lbs
2	Bracing base plate of a TP prop D 2.99"	CHAPBASD761	GP1063-1	2.29 lbs
3	Rotating piece for assembly of prop and double lower base plate	PRMONTETAICDB	GP0143	4.4 lbs
4	Double lower base plate (1 or 2 rotating parts are necessary along with 9.84" prop extension)	CHAPBASSDBMR	GP0144	10.8 lbs
5	Reinforced base plate of a TP prop thickness 0.39" galva	CHAPBASSETTBCL	GP0120	4.4 lbs
6	Fixed hook for mounting on a TP prop SWL 2204.62 lbs Ø2.67"			
7	Fixed hook for mounting on a TP prop SWL 2204.62 lbs Ø2.12" (6.69" prop extension)	EVO15687	GP0359	6.8 lbs
8	Rotating hook for mounting on a TP prop SWL 2204.62 lbs Ø2.12" (7.09" prop extension)	CROTOUR1	GP0358	6.8 lbs

Prop LPP TP N°1-2-3-11
Fixed or rotating base plates and hooks

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Storage



L.P.P.

Stillage for props type D or E

Overall

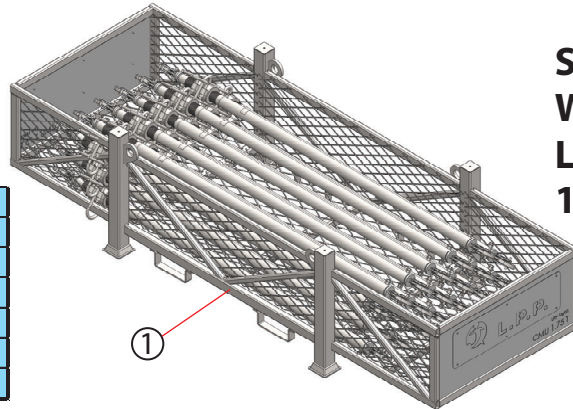
Length	122.04
Width	46.65
Height	29.48

Usable

Length	119.68
Width	37.79
Height	17.72

Stillage type 10.17 ft
DIMENSIONS

Prop weight E/D	57.3 lbs
Minimum pcs per stillage	20
Weight of 20 props	1146.4 lbs
Total weight with 20 Props	1554.2 lbs
Maximum pcs per stillage	40
Weight 40 Props <SWL	2292.8 lbs
Total weight with 40 props	2700.6 lbs

Safe
Working
Load
1.75T

Stillage for props type B

Overall

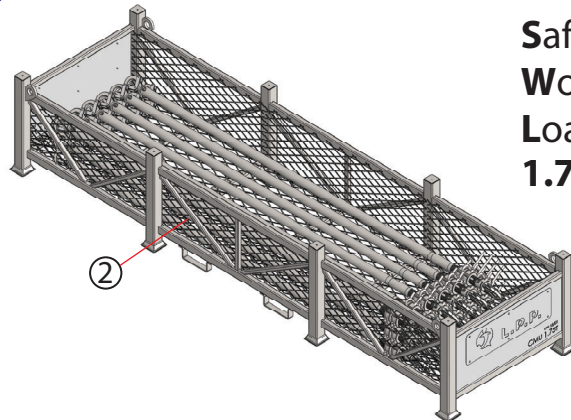
Length	159.25
Width	46.65
Height	29.48

Usable

Length	152.95
Width	37.79
Height	18.23

Stillage type 13.12 ft
DIMENSIONS

Prop weight B	72.7 lbs
Minimum pcs per stillage	20
Weight of 20 props	1455 lbs
Total weight with 20 props	2072.3 lbs
Maximum pcs per stillage	40
Weight 40 props <SWL	2910.1 lbs
Total weight with 40 props	3527.4 lbs

Safe
Working
Load
1.75T

Stillage for props type C

Overall

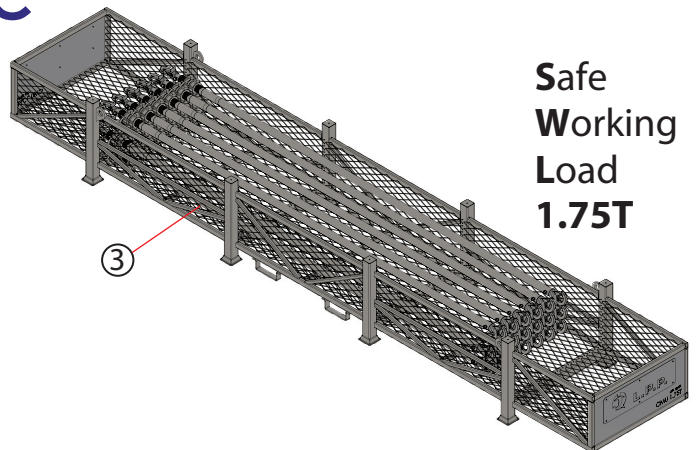
Length	248.03
Width	46.65
Height	29.48

Usable

Length	245.67
Width	37.79
Height	18.23

Stillage type 20.67 ft
DIMENSIONS

Prop weight C	88.2 lbs
Minimum pcs per stillage	20
Weight of 20 props	1763.7 lbs
Total weight with 20 props	1155 lbs
Maximum pcs per stillage	40
Weight 40 Props <SWL	3527.4 lbs
Total weight with 40 props	4310 lbs

Safe
Working
Load
1.75T

Dimensions in inches

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Stillage cage galva LPP - Lg 10.17ft - CMU 1.75T	PA01B212000	GP1130-3,1-LPP	405.6 lbs
2	Stillage cage galva LPP - Lg 13.12 ft - CMU 1.75T	PA01B312000	GP1130-4-LPP	615.1 lbs
3	Stillage cage galva LPP - Lg 20.67 ft - CMU 1.75T	PA01B412000	GP1130-6,3-LPP	782.6 lbs

STABILITY PROPS B-C-D-E
Stillage cage galva LPP
 Type 10.17ft - 13.12ft - 20.67ft

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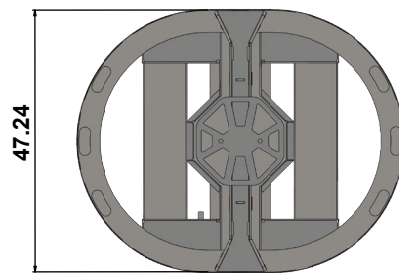
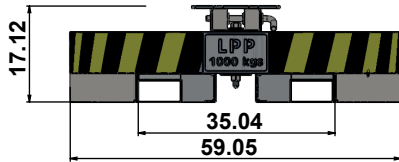
INTEL PROJEKT

Stability



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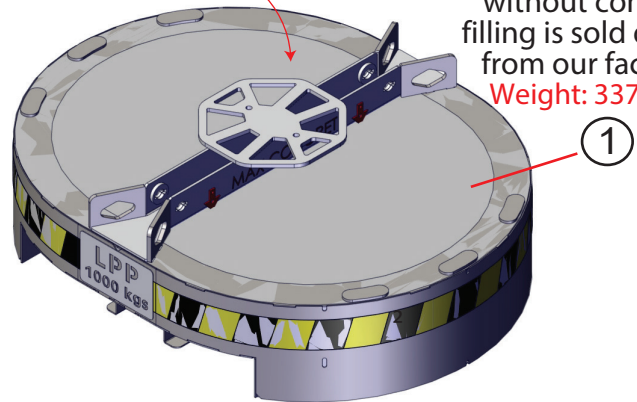
Dimensions: 47.24 x 59.05 x 17.12"



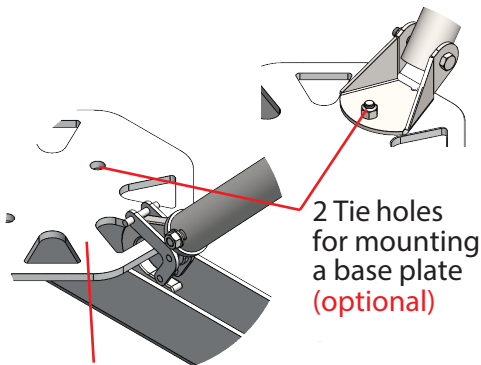
Counterweight type 1T

Concrete filling
By client / worksite

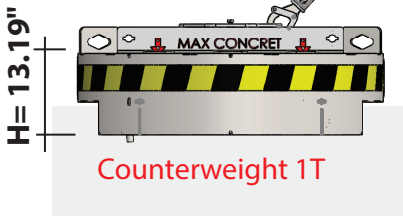
Steel framework of counterweight without concrete filling is sold directly from our facilities
Weight: 337.3 lbs



Detail for coupling stability prop with hook

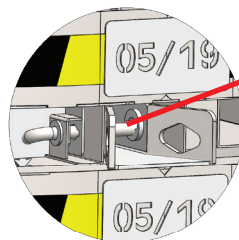


Grapple on steel counterweight is used with double hooks props (optional)



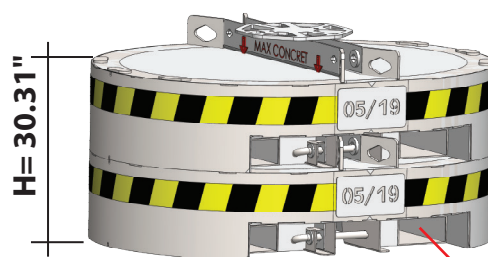
Counterweight 1T

Detail for coupling two counterweights in layers



Bonding with a double security spindle
1/4 turn

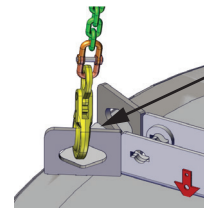
View of 2 counterweights with concrete filling (worksite charge)



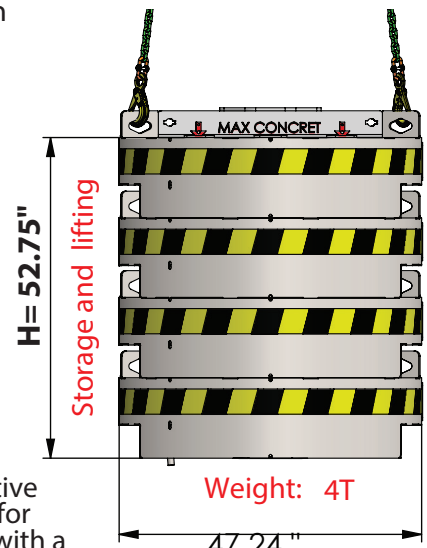
Counterweight 2T

Protective sleeve for lifting with a forklift

Detail for coupling handling chains



2 Chains
SWL
5T



Weight: 4T

Dimensions in inches

Galvanized material

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Steel counterweight framework galva 1T Oval (without concrete)	OSSCTEAG10000	GP0041-O	343.92 lbs

Wall formwork stability
Counterweight Ergo 1T or 2T
Metal formwork type 1T

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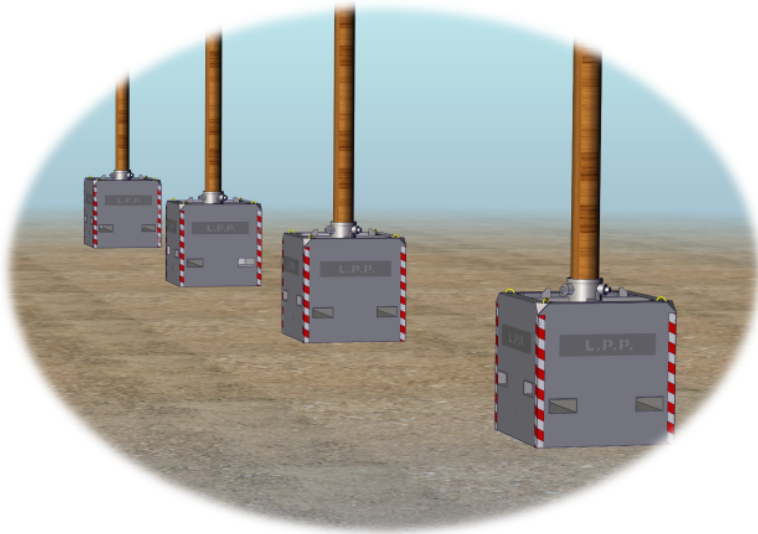


INTEL PROJEKT

Stability



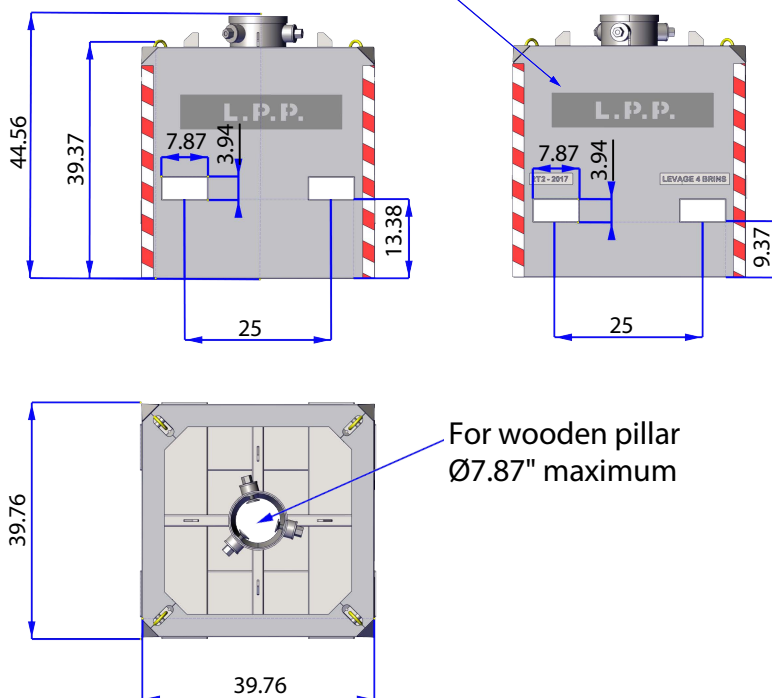
L.P.P.



Dimensions

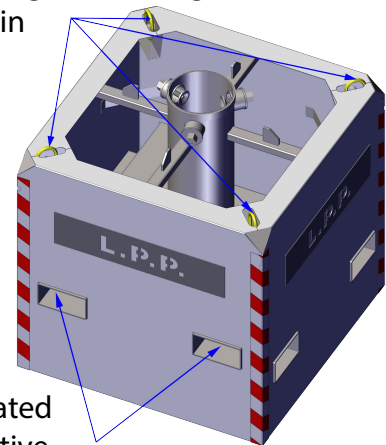
Empty framework=467.38 lbs

Framework with concrete filling = 4850.17 lbs



Handling

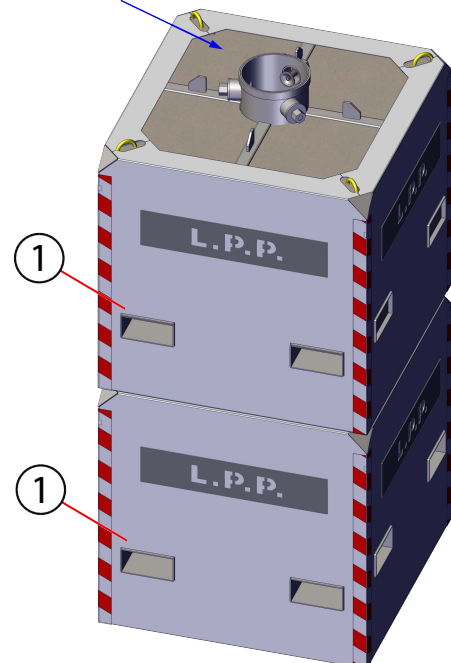
Lifting with a 4-leg chain



Integrated protective sleeve for lifting with a forklift

Storage of frameworks

Concrete fill is dependent on client ~4497.4lbs=8.77ft²



Dimensions in inches

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Steel counterweight framework for wooden pillar galva (EMPTY)	JJCPEDFGALVA	GP0974	467.38 lbs

Steel counterweight framework for pillar
(type 2T2 after concrete filling)

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FT130D



INTEL PROJEKT

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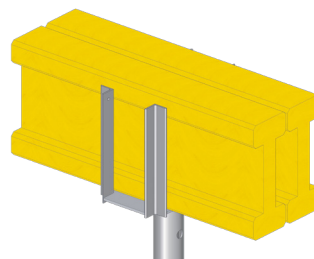
SLAB FORMWORK



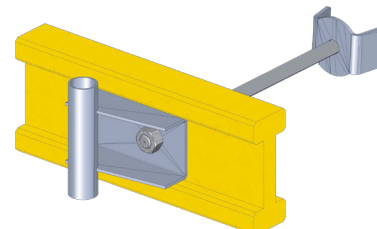
L.P.P

Props class B type F or M
Safe Working Load varies according to the extension

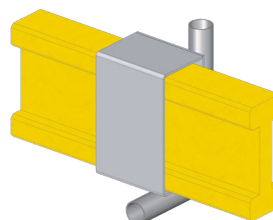
Class:	Extension ("):	Effort min / max
B25M B25F	5.25 to 8.2	3060 - 2040 daN
B30M B30F	5.91 to 9.84	3060 - 1710 daN
B35M B35F	6.89 to 11.48	3060 - 1410 daN
B40M B40F	7.55 to 13.12	3060 - 1170 daN
B45M B45F	8.53 to 14.76	3040 - 1080 daN
B50F	9.19 to 16.4	2980 - 880 daN
B55F	10.17 to 16.4	2710 - 810 daN



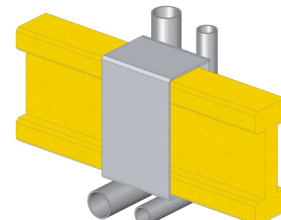
Forkhead jack for slab prop



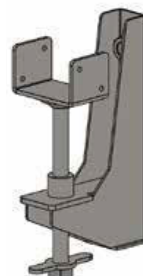
Side mount D 0.28"



Beam flush mount single D 1.34"



Beam flush mount double D 0.98" and D 1.57"



Base Shoe 4T



Fixed tripod

STAFLEX NT 24 ALU

STACKING TOWER

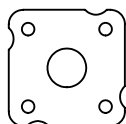
Type M



protected
threading

Type F

visible
threading

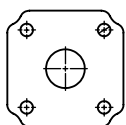


Base plate

Prop class D type F

**Safe Working Load
2100 daN all extensions**

Class :	Extension ("):
D25F	5.25 to 8.2
D30F	5.91 to 9.84
D35F	6.89 to 11.48
D40F	7.55 to 13.12
D45F	8.53 to 14.76
D50F	9.19 to 16.4
D55F	10.17 to 16.4

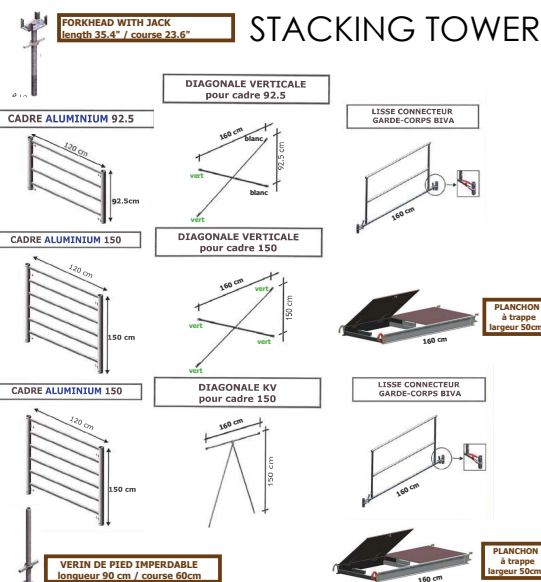


base plate
class D

Strut

N°:	Extension ("):
1	1.67 to 2.66
2	2.33 to 3.64
3	3.28 to 5.25

**Safe Working Load
2000 daN all extensions**





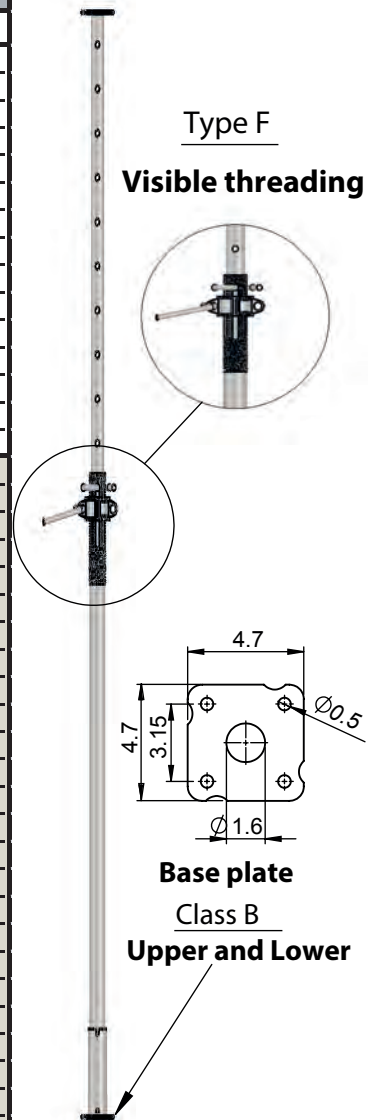
INTEL PROJECT

Slab formwork



L.P.P

Safe Working load in daN (security coef.: 1,65 eurocode 3 included)							
Extension (ft)	Class						
	B25F	B30F	B35F	B40F	B45F	B50F	B55F
	from 5.25 to 8.2	from 5.91 to 9.84	from 6.89 to 11.48	from 7.55 to 13.12	from 8.53 to 14.76	from 9.19 to 16.4	from 10.17 to 18
5.25	3060						
5.57	3060						
5.91	3060	3060					
6.23	3000	3060					
6.56	2850	3060					
6.89	2660	3060	3060				
7.22	2550	2840	3060				
7.55	2380	2710	2960	3060			
7.87	2230	2640	2770	3060			
8.20	2040	2360	2570	3060			
8.53		2250	2310	2850	3040		
8.86		2060	2180	2640	3040		
9.19		1950	2050	2430	2850	2980	
9.51		1860	1930	2260	2640	2810	
9.84		1710	1840	2190	2450	2640	
10.17			1730	2030	2280	2480	2710
10.50			1620	1880	2130	2340	2580
10.83			1510	1770	2020	2200	2450
11.15			1460	1650	1880	2070	2330
11.48			1410	1550	1760	1950	2210
11.81				1470	1650	1840	2080
12.14				1370	1560	1730	1960
12.47				1320	1480	1640	1780
12.80				1240	1410	1570	1720
13.12				1170	1350	1500	1700
13.45					1310	1420	1630
13.78					1280	1340	1540
14.11					1210	1270	1460
14.44					1140	1190	1390
14.76					1080	1120	1320
15.10						1050	1250
15.42						1000	1150
15.75						960	1060
16.10						920	970
16.40						880	933
16.73							890
17.10							850
17.40							834
17.72							820
18.00							810



Elements (")						
Class	Weight lbs	Ø outer	Ø inner	Ø bolt	base plate	Code
B25F	30.2 lbs	Ø 2.37	Ø 1.9	Ø 0.55	4.72x4.72x0.4	GP0949-B25F
B30F	33.3 lbs					GP0949-B30F
B35F	37.5 lbs					GP0949-B35F
B40F	40.1 lbs					GP0949-B40F
B45F	44 lbs					GP0949-B40F
B50F	47.8 lbs					GP0949-B50F
B55F	52 lbs					GP0949-B55F

- Anti-decoupling of tubes
- Hand protection 3.94"
- Protection: hot dip galvanization
- Reinforced jack
- Protection for fingers
- Chamfered bolt with a clip

Prop class B type F

Data Sheet
FT036A



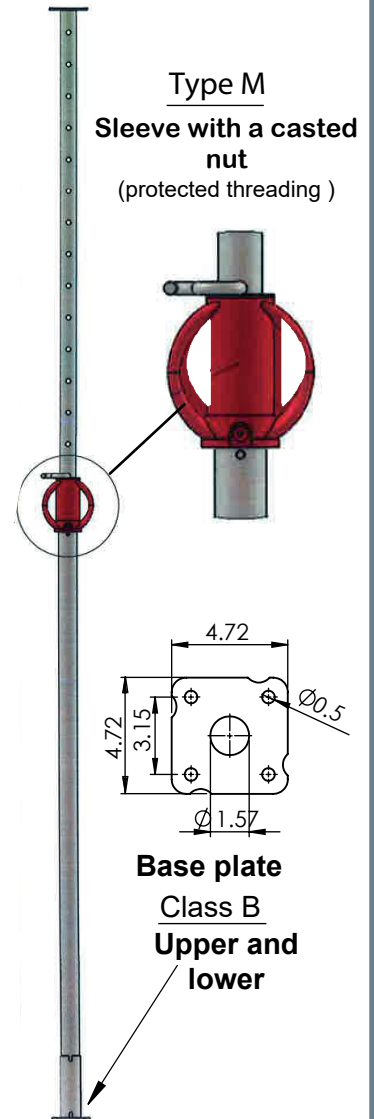
INTEL PROJEKT

Slab formwork



L.P.P

Safe Working load in daN (security coef.: 1,65 eurocode 3 included)					
Extension (ft)	Class				
	B25M	B30M	B35M	B40M	
5.25	3060				
5.58	3060				
5.91	3060	3060			
6.23	3000	3060			
6.56	2850	3060			
6.89	2660	3060	3060		
7.22	2550	2840	3060		
7.55	2380	2710	2960	3060	
7.87	2230	2640	2770	3060	
8.2	2040	2360	2570	3060	
8.53		2250	2310	2850	
8.56		2060	2180	2640	
9.19		1950	2050	2430	
9.51		1860	1930	2260	
9.84		1710	1840	2190	
10.17			1730	2030	
10.5			1620	1880	
10.83			1510	1770	
11.15			1460	1650	
11.48			1410	1550	
11.81				1470	
12.14				1370	
12.47				1320	
12.8				1240	
13.12				1170	



Elements (")					
Class	Weight (lbs)	Ø outer	Ø inner	Ø bolt	base plate
B25M	32.2 lbs	Ø 2.37	Ø 1.9	Ø 0.55	4.72x4.72x0.24
B30M	35.3 lbs				
B35M	39.7 lbs				
B40M	42.5 lbs				
					Code
					GP0949-B25M
					GP0949-B30M
					GP0949-B35M
					GP0949-B40M

- Anti decoupling of tubes
- Hand protection 3.94"
- Protection: hot dip galvanization
- Reinforced jack
- Protection for fingers
- Chamfered captive bolt

Prop class B type M

Data
Sheet
FT144A



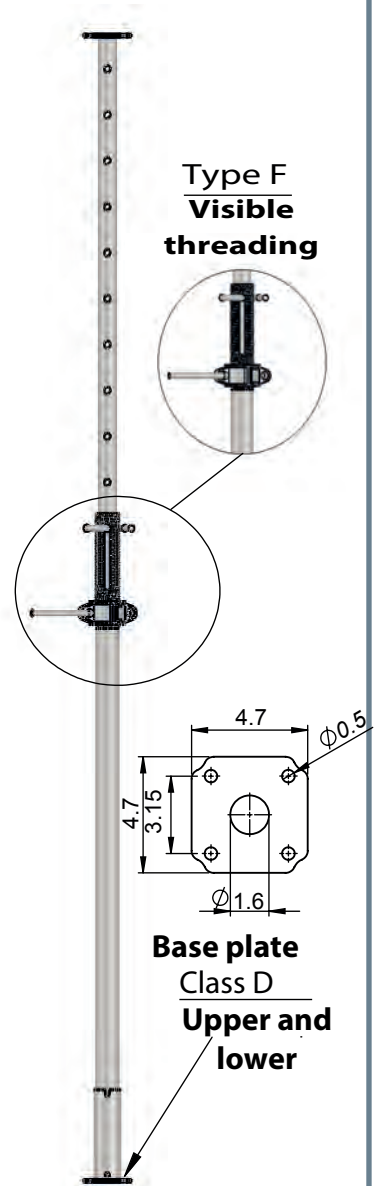
Slab formwork



L.P.P

INTEL PROJECT

Safe Working load in daN (security coef.: 1,65 eurocode 3 included)							
Class							
	D25F	D30F	D35F	D40F	D45F	D50F	D55F
Extension (ft)	from 5.25 to 8.2	from 5.91 to 9.84	from 6.89 to 11.48	from 7.55 to 13.12	from 8.53 to 14.76	from 9.19 to 16.4	from 10.17 to 18
5.25	2130						
5.57							
5.91							
6.23							
6.56							
6.89							
7.22							
7.55							
7.87							
8.20							
8.53		2118					
8.86							
9.19							
9.51							
9.84							
10.17							
10.50							
10.83							
11.15							
11.48							
11.81			2124				
12.14							
12.47							
12.80							
13.12							
13.45							
13.78							
14.11							
14.44							
14.76							
15.10				2112			
15.42							
15.75							
16.10							
16.40							
16.73							
17.10							
17.40							
17.72							
18.00							
					2106		
						2100	
							2094



Elements (")						
Class	Weight (lbs)	Ø outer	Ø inner	Ø bolt	base plates	Code
D25F	33.3 lbs	Ø 2.37	Ø 1.90	Ø 0.55	4.72 x 4.72 x 0.24	GP0949-D25F
D30F	36.2 lbs					GP0949-D30F
D35F	40.8 lbs					GP0949-D35F
D40F	45.2 lbs					GP0949-D40F
D45F	67.9 lbs	Ø 3.0	Ø 2.5	Ø 0.71		GP0949-D45F
D50F	72.3 lbs					GP0949-D50F
D55F	78.9 lbs					GP0949-D55F

- Anti-decoupling of tubes
- Hand protection 3.94"
- Protection: hot dipped galvanization
- Reinforced jack
- Protection for fingers
- Chamfered bolt with a clip

Prop class D type F

Data Sheet
FT037A



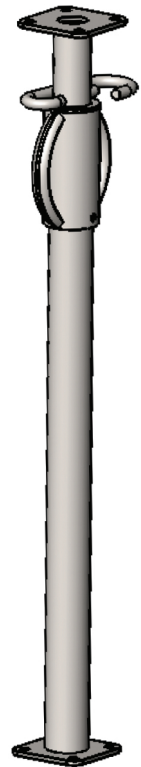
INTEL PROJEKT

Slab formwork

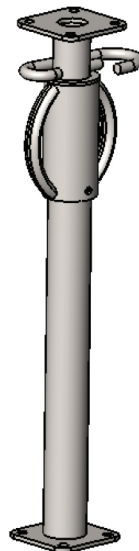


L.P.P.

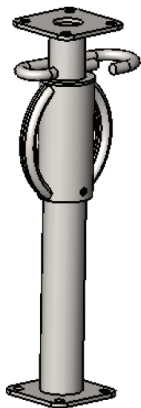
Strut n°3



Strut n°2



Strut n°1



Safe Working load in daN (security coef.: 1,65 eurocode 3 included)

Extension (ft)	Class		
	Strut n°1	Strut n°2	Strut n°3
	from 1.67 to 2.33	from 2.33 to 3.28	from 3.28 to 5.25
1.67	2T		
1.97	2T		
2.30	2T		
2.62		2T	
3.28		2T	
3.61			2T
3.94			2T
4.27			2T
4.59			2T
4.92			2T
5.25			1T8

- Anti-decoupling
- Hand protection
- Protection: hot dip galvanization
- Reinforced jack
- Protection for fingers
- Thread end stop nut
- Chamfered captive bolt

Elements (")							
Class	Weight (lbs)	Ø outer	Ø inner	Ø Bolt	base plate	Item	Code
Strut n°1	16.1 lbs	Ø 2.24	Ø 1.89	Ø 0.55	4.33x4.33x0.24	ETRESRG1	GP0788
Strut n°2	19.2 lbs					ETRESRG2	GP0789
Strut n°3	23.46 lbs					ETRESRG3	GP0790

Struts

Data
Sheet
FT056B

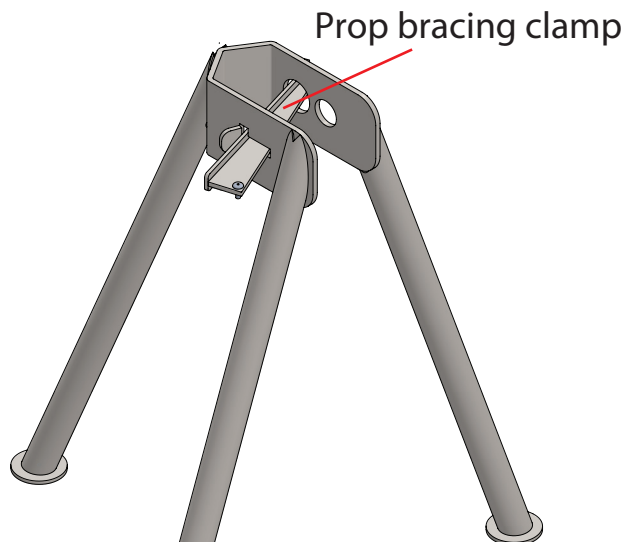
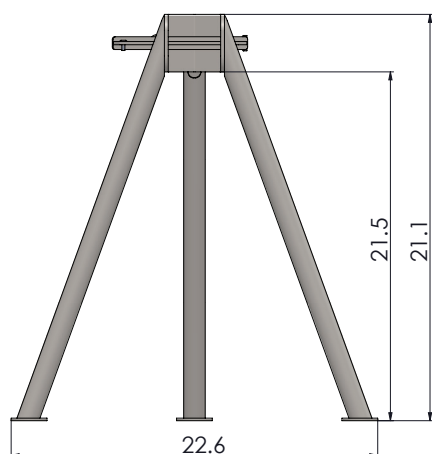
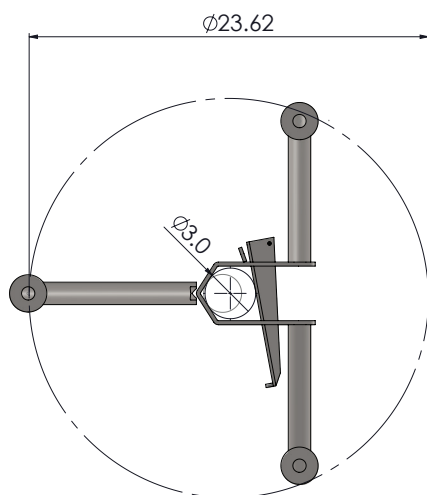
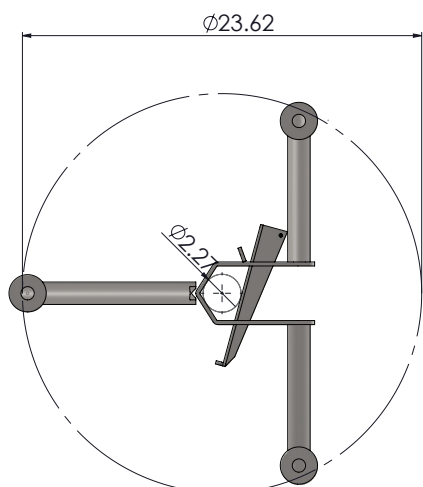


INTEL PROJECT

Slab formwork



L.P.P



N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Fixed tripod for prop galva	TREPIEDETAI	GP0194	11 lbs

Fixed tripods for slab props

Data
Sheet
FT035B

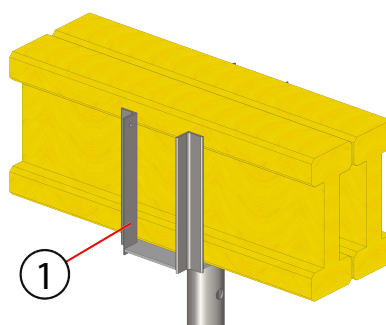
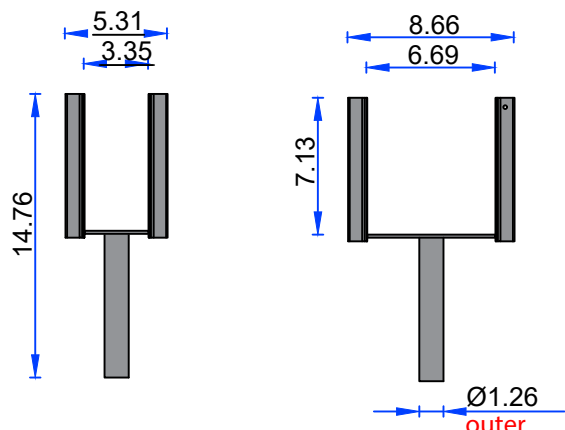


INTEL PROJECT

Slab formwork

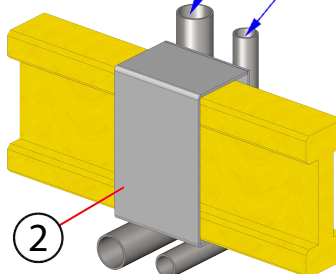
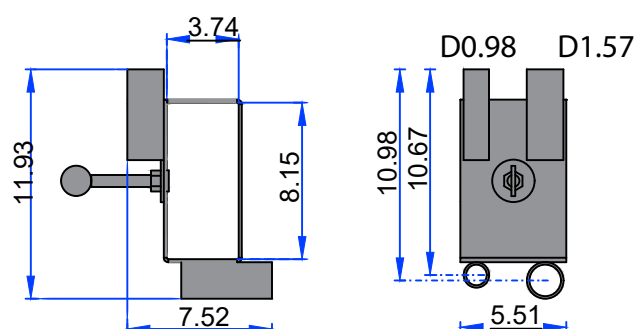


L.P.P

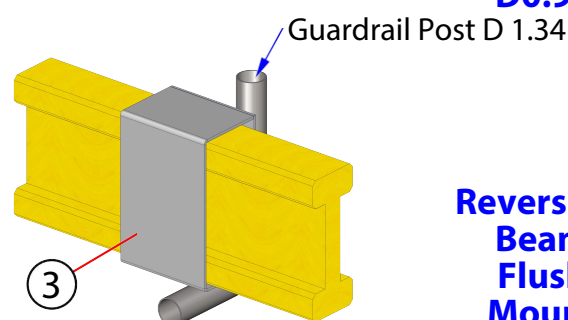
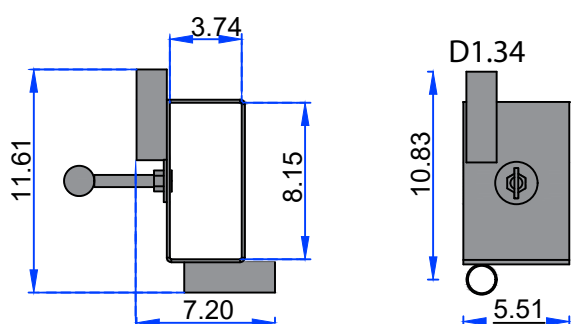


Forkhead with double position

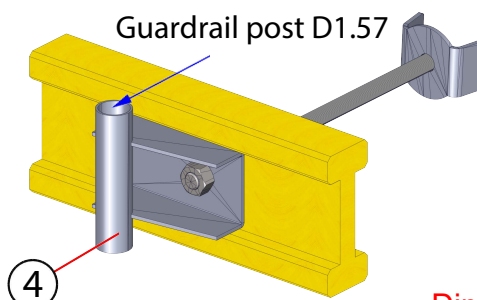
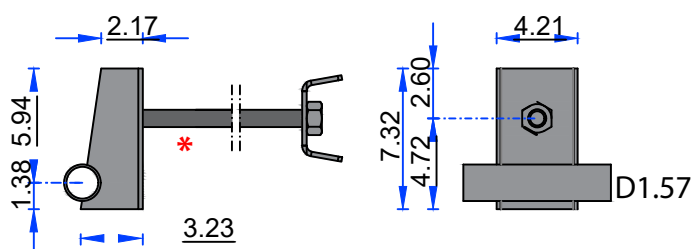
Guardrail post D 1.57 or D 0.98



Beam Flush mount D1.57/ D0.98



Reversible Beam Flush Mount D1.34



Side Mount D1.57

*Rod Dimension on demand

Dimensions in "

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Double position prop forkhead galva	FOURDBPOSETAIG	GP0037	4.9 lbs
2	Reversible beam flush mount D0.98/D1.57 galva	COULISSEAUREV	GP0068	10.1 lbs
3	Reversible beam flush mount D1.34 galva	COULISREVD34G	GP0322	8.8 lbs
4	Side mount guardrail post D1.57 (galva)	SUPOTPOUT25G	GP0541	10.6 lbs

Forkhead for slab prop
Reversible beam flush mount / side mount

Data Sheet
FT003C

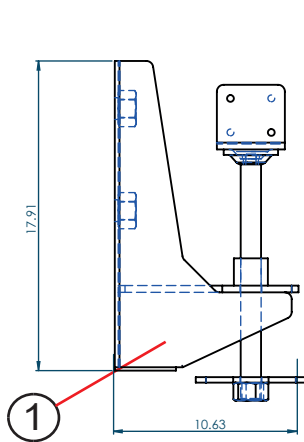


INTEL PROJEKT

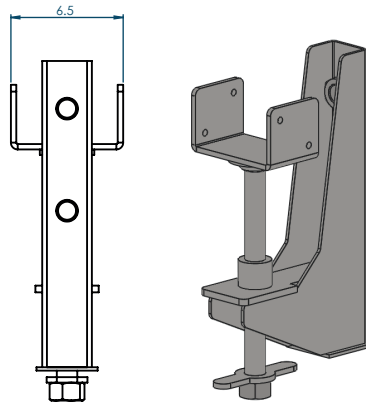
Slab Formwork



L.P.P



Mounting of rods in two different positions.



Characteristics:

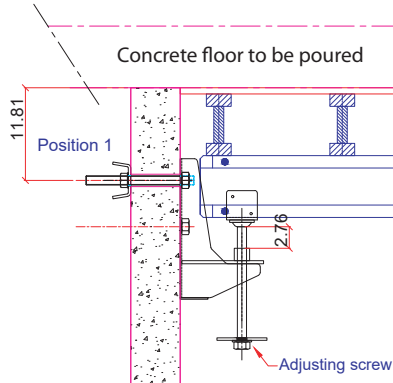
The purpose of the Base shoe is to avoid use of props and tripods in access hallways of buildings.

Freeing up ground space will improve the traffic of workers and equipment during the construction of the floor slab. Safe working load is 4T if the shoe base is fixed on a D1.18" LPP rod.

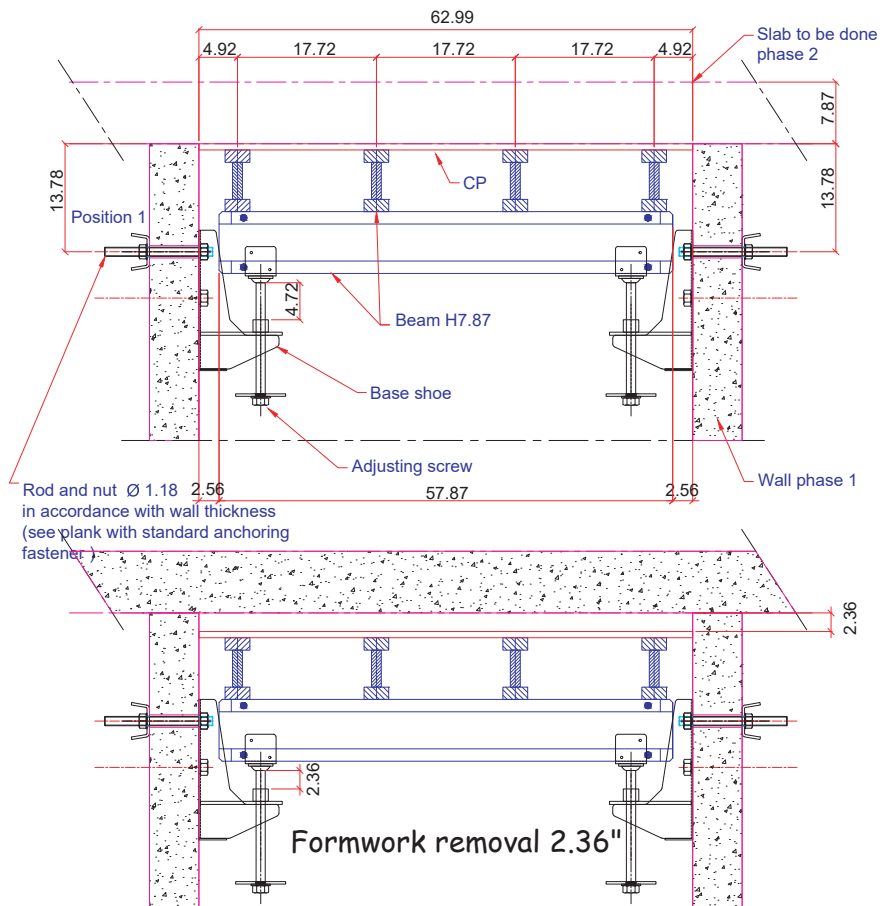
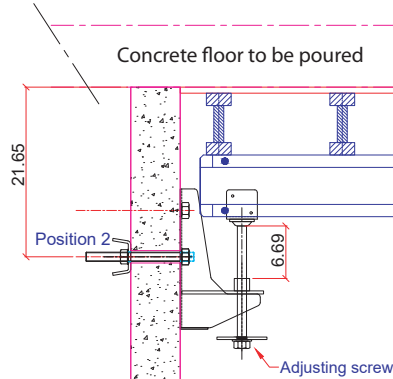
D1.18" rods used for base shoe fixation are identical to those used for platform anchoring fasteners.

Example of mounting a base shoe in a 62.99 hallway.
Base shoes with a Ø1.18x13.78 rod for max wall width 9.84 in position 1

Position 1 = min 11.81



Position 2 = max 21.65



N°	DESCRIPTION	ITEM	CODE	Weight
1	Shoe Base SWL 4T (needs 2 rods D1.18 for anchoring fastener)	SUPPCOULOIR	GP1111	23.1 lbs

Shoe Base 4T with 2 positions

Data Sheet
FT145B

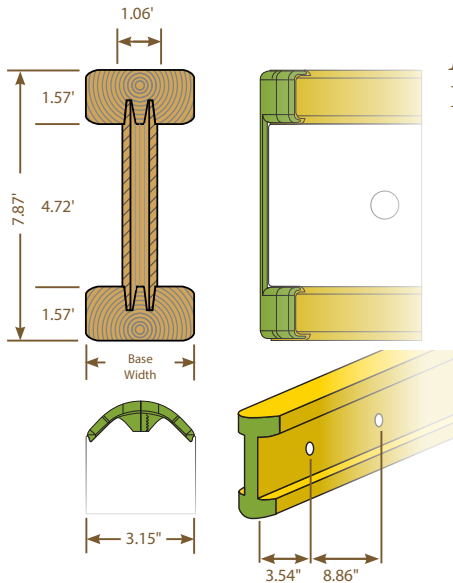


INTEL PROJEKT

Slab Formwork



L.P.P



Slab formwork beam PF20 plus | PF20
Permissible effort for full web beams
complies with EN 13377

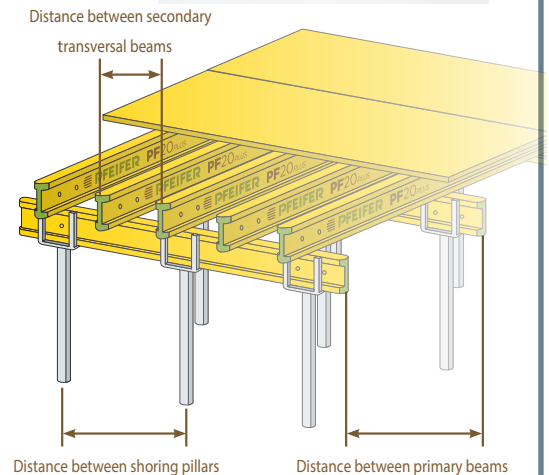
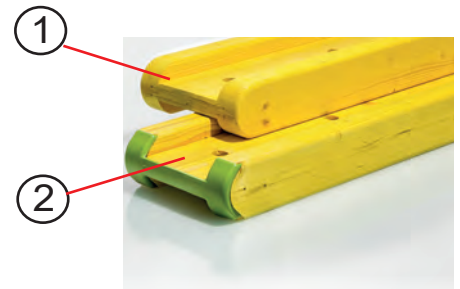
Transverse force	Q = 11 kN
Pressure resistance	A = 22 kN
Bending moment	Mk = 5 kNm
Rigidity	$E_I = 450 \text{ kNm}^2$

Range of products

Formwork beam PF20 plus | PF20

Lengths('): 74.8, 96.5, 98.4, 104.3, 108.3, 114.2, 118.1, 129.2, 141.7, 153.5, 177.2, 192.9, 232.3 inches. Particular lengths go up to 39.04 ft PF20plus: ends reinforced with additional plastic protection for all lengths up to 29.53 ft. Length > 29.53' end is cut under straight angle PF20: rounded angle protected by a vitrified coating

Beam web thickness : 1.06 "
Weight : ~9.9 lbs / 3.28 "
Wood humidity : 12 % +/- 2 % on
Delivery Packing: 50 or 100 pcs
Dimensional tolerance : H = 7.87 +/- 0.08 "
Length tolerance : given length +/- 0.39 "



Limit value characteristics with EN 13377

Transverse force	Vk = 23,9 kN
Pressure resistance	Rb,k = 47,8 kN
Bending moment	Mk = 10,9 kNm
Rigidity	$E_I = 450 \text{ kNm}^2$

PFEIFER

Counting frame for use of beams

Example case

Data: slab thickness (7.1") + distance from neighboring beams (29.5") Question : distance between primary beams and distance between shoring pillars

- 1 Slab thickness: 7.1"
- 2 Distance between secondary transversal beams: 29.5"
- 3 Permissible distance between primary beams according to the counting frame = 8.69'
- 4 In table 2 choose the same distance between primary beams or the one that is directly inferior, which is in this case 8.2'
- 5 So in Table 2 take column 8.2' and refer to the row of the slab thickness web (7.1") to read at the web junction the allowable gap between the shoring pillars = 4.36 "
- 6 Attention: check the supporting pillars and their bearing capacity

Slab thickness in "	Total Effort kN/m²	Table 1										Table 2									
		Distance between secondary beams (ft)										Distance between primary beams (ft)									
		1.64	2.07	2.2	2.46	3.28	4.1	4.92	5.74	6.56	7.38	8.2	9.84	11.5							
		Calculation of permissible scope of secondary beams										Calculation of permissible scope of primary beams = maximum distance between shoring props									
3.9	4,40	11.9	11.1	10.8	10.4	9.45	8.76	8.07	7.48	6.99	6.59	6.27	5.48	4.69							
4.7	4,92	11.3	10.5	10.2	9.84	8.92	8.3	7.64	7.09	6.63	6.23	5.87	4.89	4.2							
5.5	5,44	10.7	9.97	9.74	9.38	8.54	7.91	7.91	6.73	6.3	5.91	5.31	4.43	3.81							
6.3	5,96	10.3	9.58	9.35	8.99	8.17	7.58	6.96	6.23	6.0	5.38	4.86	4.04	3.44							
7.1	6,48	9.94	9.22	9.02	8.69	7.84	7.28	6.66	6.17	5.58	4.95	4.46	3.71	3.18							
7.9	7,00	9.618	9.28.73		8.40	7.61	7.02	6.4	5.91	5.15	4.59	3.94	3.44	2.95							
8.7	7,52	9.32	8.66	8.46	8.14	7.41	6.76	6.17	5.48	4.79	4.27	3.84	3.22	2.76							
9.4	8,04	9.06	8.43	8.23	7.94	7.19	6.56	5.97	5.12	4.49	4.0	3.58	2.99	2.56							
10.2	8,56	8.86	8.20	8.04	7.71	7.02	6.33	5.61	4.82	4.23	3.74	3.38	2.82	2.4							
11	9,08	8.63	8.01	7.84	7.55	6.86	6.17	5.31	4.53	3.97	3.54	3.18	2.66	2.26							
11.8	9,66	8.43	7.84	7.68	7.38	6.66	5.97	4.99	4.27	3.74	3.31	2.99	2.49	2.13							
13.8	11,22	8.04	7.45	7.32	7.02	6.2	5.15	4.3	3.67	3.22	2.85	2.56	2.13	1.84							
15.7	12,78	7.71	7.15	6.99	6.69	5.64	4.53	3.77	3.22	2.82	2.53	2.26	1.87	1.61							
45	14,34	7.41	6.89	6.69		5.02	4.04	3.35	2.89	2.53	2.23	2.0	1.67	1.44							
50	15,90	7.15	6.59	6.36		4.53	3.64	3.02	2.59	2.26	2.0	1.8	1.51	1.31							

Permanent flexure of beams is limited to L/500
Mobile effort 1,5 kN/m² or 20% of the weight of fresh concrete

N°	DESCRIPTION	ITEM	CODE	WEIGHT
1	Beam formwork PF20 in Mlin	PoutS20MLIN		
2	Beam formwork PF20Plus in Mlin with colored ends	PoutF20MLIN		

Beam Formwork
type PF20 and PF20plus

Data
Sheet
FT277