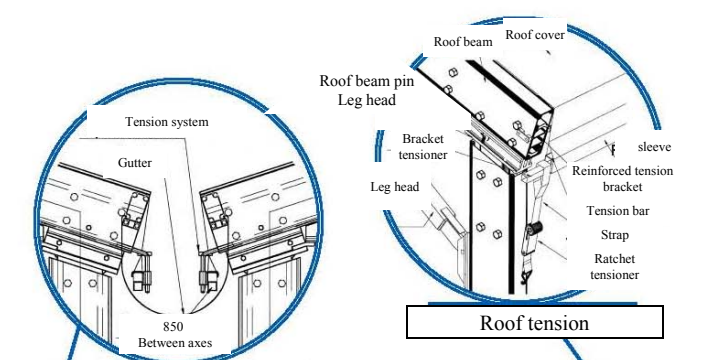


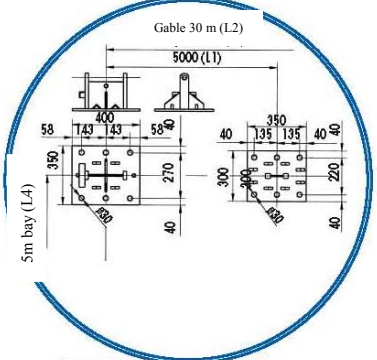
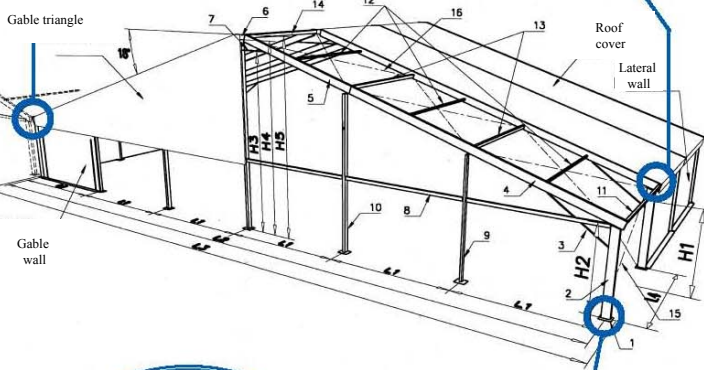


STANDARD SPAN 30 m,
ht 3 m and 4 m

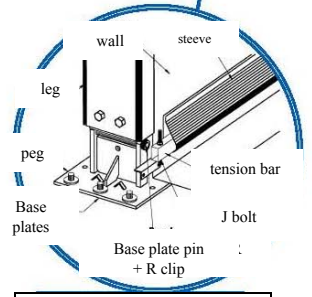


Roof tension

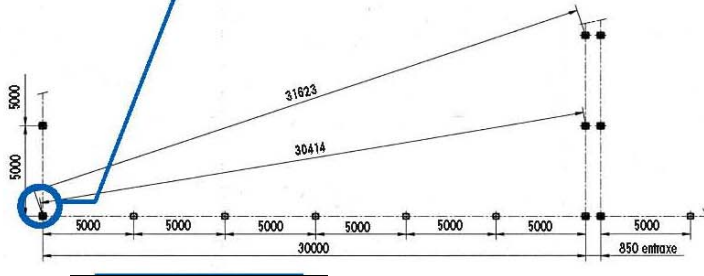
Juxtaposed structures



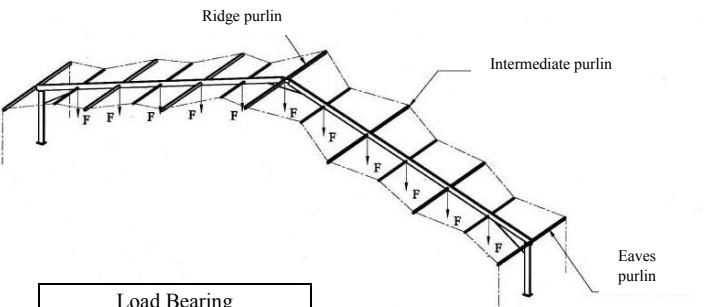
Base plates



Wall tension



Setting out



Load Bearing

Specifications		30 m	
		ht 3	ht 4
Span	L2	30	30
Overall Width	L3	30,63	30,63
External lateral height		3,23	4,23
Internal lateral height	H2	3,08	4,08
External ridge height	H5	8,12	9,12
Internal ridge height	H4	7,96	8,96
Height at gable cross beam		3,02	4,02
Under eaves height	H1	3,1	4,1
Height at roof brace	H3	7,35	8,35
Height at lateral brace		2,3	3,3
Lateral bay	L4	5	5
Gable bay	L1	5	5
Roof Pitch		18°	18°
Base Plate	1	400x350	400x350
Leg	2	285x110	285x110
Lateral brace	3	80x80	80x80
Roof Beam + extension	4+5	285x110	285x110
Apex joint	6		
Roof brace	7	60x60	60x60
Gable cross beam	8	125x75	125x75
Gable column	9	125x75	125x75
Gable column	10	210x110	210x110
Eaves purlin	11	125x75	125x75
Intermediate purlin	12+13	60x60 and 125x75	60x60 and 125x75
Ridge purlin	14	125x75	125x75
Number of purlins per bay		13	13
Lateral bracing cable	15	diam. 14 mm	diam. 14 mm
Roof bracing cable	16	diam. 11 mm and 14 mm	diam. 11 mm and 14 mm

Erection/dismantling	Example 30x25x4m	Example 30x50x4m
Number of people	8	8
Total duration of erection	10 hours	16 hours
vehicles + duration : telescopic 12 m fork lift truck and 30 m crane of 30 tons	1 day 4 hours	1,5 days 6 hours
Necessary equipment provided with frame	1 toasting fork 3,20 m, 5m and 6 m ; 1 measuring bar 30 m ; 4 ropes 50 m Ø 16 mm ; 2 handles for ratchet tensioner	
Necessary equipment not provided	2 no. 4m ladders, 1 no.50 m measuring tape sledgehammers, hammers, adjustable spanners	
Time saved for dismantling	15 to 20 %	

* exemples details and explanations page 112

Anchoring and weighting	Anchoring			Weighting	
	Uplift force kg	Coef.	Number of pegs	Uplift force kg	Coef.
Exterior braced base plate	5600	2	6 lg 1150	4600	1,65
Common + intermediate braced base plate	3300	2	4 lg 1150	2700	1,65
Gable base plate	800	2	3 lg 850	660	1,65

* exemples details and explanations page 112

Load Bearing	Height 3m and 4m
With snow	F = 0 kg
Without snow	F = 125 kg

* exemples details and explanations page 112

Packaging	Frame 30m	Covers 30m	Example* 30x25x4	Example* 30x50x4
Weight w without packaging MB (kg)	3259	585	8830	14920
Weight w without packaging MS (kg)	1034	165		
Weight w without packaging CV/bay (kg)	95			
Number of cover racks			2	3
Number of frame racks			6	10
Number of boxes/crates			4	5
Theoretical surface required for transport by lorry on rack			1 full lorry	
Theoretical surface required for transport by lorry in bundles			1 full lorry	
Theoretical number of structures per container (in bundles) 20' dry				
Theoretical number of structures per container (in bundles) 40' open-top			2	1
Longest piece : roof beam 10573 mm				
Description of packaging, Covers in bags, on pallet or on rack Frame in bundles, loose or rack				

* Calculated on basis of complete structures, not mixed