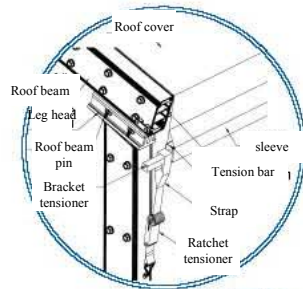
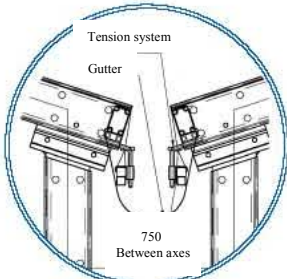
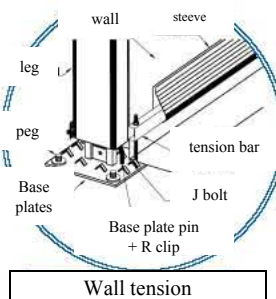
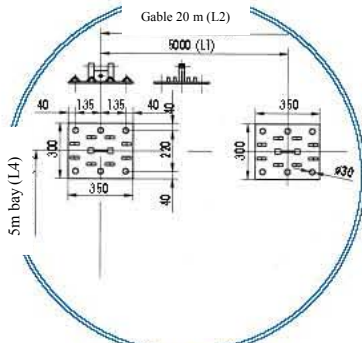
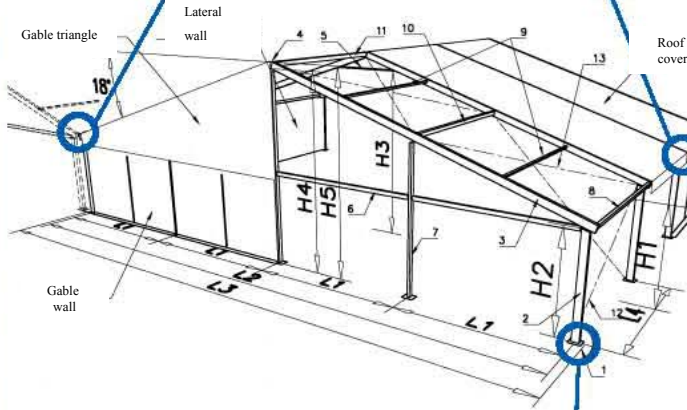


**STANDARD SPAN 20 m,**  
**ht 2.50 m, 3 m and 4 m**



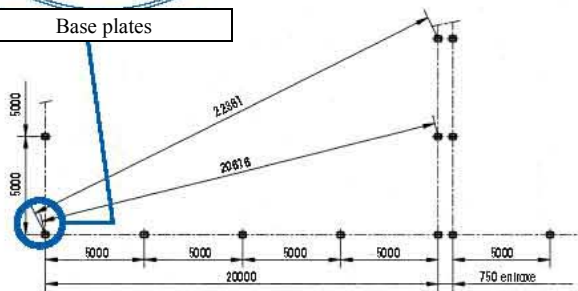
**Roof tension**

**Juxtaposed structures**

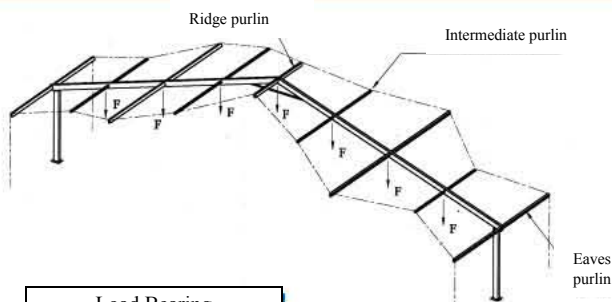


**Wall tension**

**Base plates**



**Setting out**



**Load Bearing**

Specifications		20 m		
		ht 2,5 m	ht 3 m	ht 4 m
Span	L2	20	20	20
Overall Width	L3	20,58	20,58	20,58
External lateral height		2,62	3,17	4,17
Internal lateral height	H2	2,53	3,08	4,08
External ridge height	H5	5,93	6,48	7,48
Internal ridge height	H4	5,73	6,28	7,28
Height at gable cross beam		2,47	3,02	4,02
Under eaves height	H1	2,48	3,03	4,03
Height at roof brace	H3	5,45	6	7
Lateral bay	L4	5	5	5
Gable bay	L1	5	5	5
Roof Pitch		18°	18°	18°
Base Plate	1	350x300	350x300	350x300
Leg	2	210x110	210x110	210x110
Roof Beam	3	210x110	210x110	210x110
Apex joint	4			
Roof brace	5			
Gable cross beam	6	125x75	125x75	125x75
Gable column	7	125x75	125x75	125x75
Eaves purlin	8	125x75	125x75	125x75
Intermediate purlin	9 et 10	60 x60 and 125x75	60 x60 and 125x75	60 x60 and 125x75
Ridge purlin	11	125x75	125x75	125x75
Number of purlins per bay		9	9	9
Lateral bracing cable	12	Ø 8 mm	Ø 8 mm	Ø 8 mm
Roof bracing cable	13	Ø 8 mm	Ø 8 mm	Ø 8 mm

Erection/ dismantling	Example 20x25x3m	Example 20x50x3m
Number of people	6	6
Total duration of erection	6 hours	10 hours
vehicles + duration	12 m fork lift truck (6h)	12 m fork lift truck (1 day)
Necessary equipment provided with frame	1 toasting fork 2,20 m, 4m, 5m and 6 m ; 1 measuring bar 10 m + 2 no. Toasting bars 6m ; 3 ropes 30 m Ø 14 mm ; 2 handles for ratchet tensioner	
Necessary equipment not provided	2 no. 4m ladders, 1 no. 30 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	3540	2	5 lg 850	2900	1,65
Common + intermediate braced base plate	2640	2	4 lg 850	2180	1,65
Gable base plate	600	2	2 lg 850	500	1,65

Load Bearing	Height 2,50 m, 3 m and 4m
With snow	F = 0 kg
Without snow	F = 125 kg

\* exemples details and explanations page 112

Packaging	Frame 20 m	Covers 20 m	Example* 20x25x3	Example* 20x50x3
Weight without packaging MB (kg)	1541	340	4391	7464
Weight without packaging MS (kg)	490	116		
Weight without packaging CV/bay (kg)	43			
Number of cover racks			2	3
Number of frame racks			3	5
Number of boxes/crates			1	2
Theoretical surface required for transport by lorry on rack			12x1,2 m	1 full lorry
Theoretical surface required for transport by lorry in bundles			12x1,2 m	
Theoretical number of structures per container (in bundles) 20' dry				
Theoretical number of structures per container (in bundles) 40' open-top			1	2
Longest piece : roof beam 10660 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