

STANDARD SPAN 12m,

ht 2.50 and 3 m



Specifications		12 m	
		ht 2,5 m	ht 3 m
Span	L3	12	12
Overall Width	L4	12,35	12,35
External lateral height		2,44	2,99
Internal lateral height	H2	2,35	2,9
External ridge height	H4	5,12	5,67
Internal ridge height	H3	4,95	5,5
Height at gable cross beam		2,27	2,82
Under eaves height	H1	2,35	2,9
Lateral bay	L5	5	5
Exterior gable bay	L1	4,01	4,01
Middle gable bay	L2	3,98	3,98
Roof Pitch		24°	24°
Base Plate	1	350x300	350x300
Leg	2	177x75	177x75
Roof Beam	3	177x75	177x75
Apex joint	4		
Gable cross beam	5	125x75	125x75
Gable column	6	125x75	125x75
Eaves purlin	7	125x75	125x75
Intermediate purlin	8	60x60	60x60
Ridge purlin	9	125x75	125x75
Number of purlins per bay		7	7
Lateral bracing cable	10	Ø 8 mm	Ø 8 mm
Roof bracing cable	11	Ø 8 mm	Ø 8 mm

Erection/dismantling	Example 12x40x3m
Number of people	4
Total duration of erection	7,30 hours
vehicles + duration	9m fork lift truck - 1 day
Necessary equipment provided with frame	1 toasting fork 2,20 m 4 and 5 m ; 1 measuring bar 10 m + 2 no. Toasting bars 6m ; 2 ropes 25 m Ø 14 mm ; 2 handles for ratchet tensioner
Necessary equipment not provided	2 no. 4m ladders, 1 no. 20 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	1980	2	3 lg 850	1630	1,65
Common + intermediate braced base plate	1500	2	2 lg 850	1240	1,65
Gable base plate	500	2	2 lg 500	410	1,65

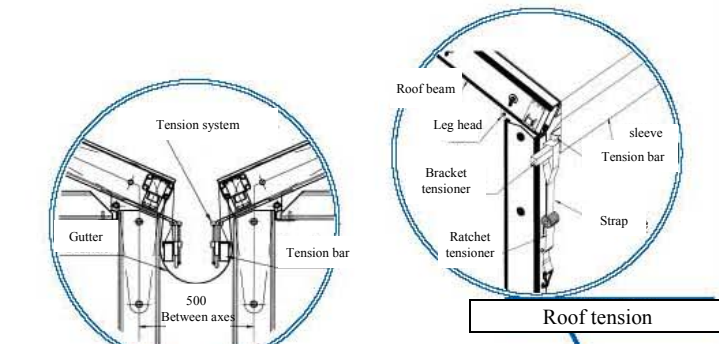
* exemples details and explanations page 112

Load Bearing	Height 2,50 m and 3 m
With snow	F = 0 kg
Without snow	F = 100 kg

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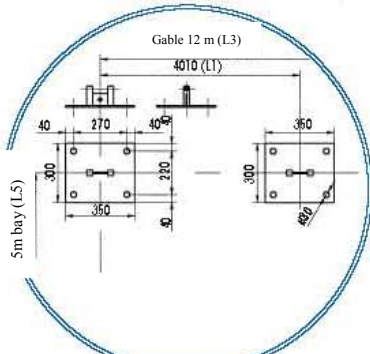
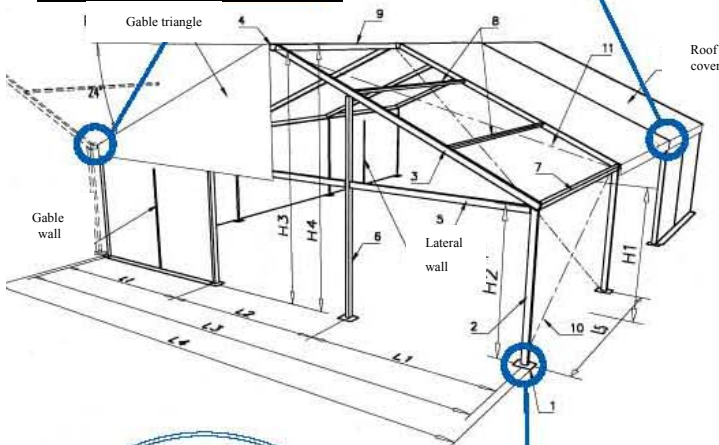
Packaging	Frame	Covers	Example* 12*40*3
Weight without packaging MB (kg)	912	237	
Weight without packaging MS (kg)	302	87	3947
Weight without packaging CV/bay (kg)	25		
Number of cover racks			2
Number of frame racks			2
Number of boxes/crates			1
Theoretical surface required for transport by lorry on rack			7x2,4m
Theoretical surface required for transport by lorry in bundles			7x2,4m
Theoretical number of structures per container (in bundles) 20' dry			
Theoretical number of structures per container (in bundles) 40' open-top			3
Longest piece : roof beam 6542 mm			
Description of packaging, Covers in bags, on pallet or on rack Frame in bundles, loose or rack			

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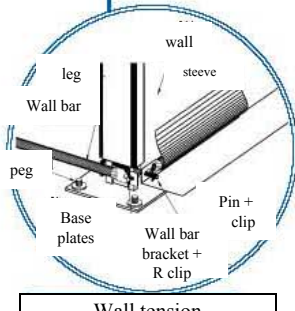


Roof tension

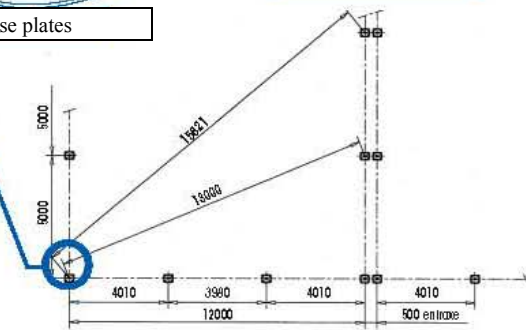
Juxtaposed structures



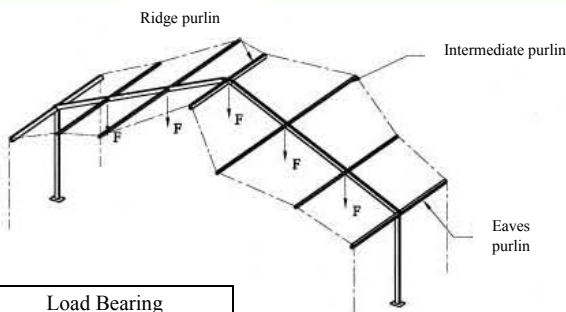
Base plates



Wall tension



Setting out



Load Bearing