

TECHNICAL SHEET MPS SCALE PAGODE OPTIMA®

CTS Standard: Wind: 100km/h – Snow: 10 kg
With guying, resistance to 135km/h



Characteristics		3 X 3		4 X 4		5 X 5	
		Ht: 2.2	Ht: 2.5	Ht: 2.2	Ht: 2.5	Ht: 2.2	Ht: 2.5
Between support poles	L1	2.89	2.89	3.89	3.89	4.89	4.89
Span	L2	3	3	4	4	5	5
Height below pole plates	H1	2.14	2.44	2.14	2.44	2.14	2.44
Height of interior ridge beam	H2	2.6	2.9	2.9	3.3	3.06	3.36
Height of exterior ridge beam	H3	3.9	4.2	5	5.3	5.3	5.6
Ground plates	Qty:4	230 x 230	230 x 230	230 x 230	230 x 230	230 x 230	230 x 230
Poles	Qty:4	70x70	70x70	70x70	70x70	70x70	70x70
Pole plates	Qty:4	70x70	70x70	70x70	70x70	70x70	70x70
Roof support rafters	Qty:4	40x40	40x40	40x40	40x40	40x40	40x40

Assembly / Disassembly	3 X 3	4 X 4	5 X 5
Number of people needed	2		
Assembly time	30 min	40 min	55 min
Materials needed	Double ladder doubles/hammer /crowbar		
Time saved on disassembly	10%		

Anchoring* / Ballasting*	Anchoring			Ballasting**	
	Wrenching Kg	Coefficient	Number of pegs	Wrenching Kg	Coefficient
3 X 3	140	2	2	120	1.2
4 X 4	250	2	2	200	1.2
5 X 5	390	2	2	300	1.2

* 100 km/h winds

** Consideration of shearing effect

Overload capacity	Height 2.20 and 2.50
Overload with snow	0
Overload without snow	100 Kg

Packaging	3 X 3	4 X 4	5 X 5
Total weight (without packaging)	155	185	210
Structure weight	95	107	113
Tarp weight	41	57	68
Tarp basis weight	590 gr/m2		
Packaging	KIT	KIT	KIT
Number of packages for the structure	3 film packages	3 film packages	3 film packages
Number of packages for tarp	1 pallet	1 pallet	1 pallet

