

DESIGNED FOR LOCAL BUSINESSES AND MUNICIPALITIES.

ENGINEERED BUILDINGS

Standard features:

Choice of steel for the arch, depending on use:

We use the most suitable and adequate levels of galvanization available on the market, ensuring optimal protection against corrosion.

Lower portion of the truss : [Hot-dip galvanized](#)

Truss : Double from 16" to 58"

Hardware: [Hot-dip galvanized](#)

Standard / Elite Membrane : [12oz](#) / [13.75oz](#)

Options : [Fire Retardant](#) [Color Trim](#)



ALL OUR BUILDINGS ARE ENGINEERED TO COMPLY WITH LOCAL BUILDING CODES.

[AVIATION](#)

[EQUIPMENT STORAGE](#)

[MANUFACTURING](#)

[PORTS & WATERWAYS](#)

[WASTE & RECYCLING](#)

[COMMUNITY CENTER](#)

[EVENTS](#)

[MINING](#)

[SALT & SAND STORAGE](#)

[WATER TREATMENT](#)

[COMPOST](#)

[ICE RINK & SPORTS CENTER](#)

[OIL & GAS](#)

[STORAGE & WAREHOUSING](#)

FOUNDATIONS

- Concrete blocks
- Concrete slab
- Concrete beam on ground
- Continuous floating
- Poured Walls
- Piers
- Grade Beam
- Shipping Containers

DOORS

- Service
- Garage
- Multiple garage
- Side
- Loading Dock

END WALLS

- Open
- Partial
- Closed
- Steel Sheets

NATURAL VENTILATION

- End wall ventilation with shutters
- Roof vents

HIGH PERFORMANCE VENTILATION

- Skyvent
- Topvent
- Fans

OTHER OPTIONS

- Snow Deflectors
- Junction to an existing building
- Expansion
- Branding
- Insulation
- Heating and lighting
- Curved roof bracing
- Side opening

CLEARANCE TABLE - DB / S100 SERIES

HP-HD		33'	40'	XP-HD				33'	40'
	TRUSS DEPTH	16"						16"	
	CENTER CLEARANCE	15'3"	16'3"					21'9"	22'9"
	CLEARANCE (2')	7'5"						13'11"	
	CLEARANCE (4')	9'10"						16'4"	
HP-HD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			24"					
	CENTER CLEARANCE			20'9"	22'4"	24'0"	25'7"		
	CLEARANCE (2')			7'2"					
	CLEARANCE (4')			9'10"					
HP-HHD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			30"					
	CENTER CLEARANCE			21'9"	23'5"	25'0"	26'8"		
	CLEARANCE (2')			6'1"					
	CLEARANCE (4')			9'3"					
XP-HD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			24"					
	CENTER CLEARANCE			25'9"	27'5"	29'0"	30'8"		
	CLEARANCE (2')			12'7"					
	CLEARANCE (4')			15'3"					
XP-HHD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			30"					
	CENTER CLEARANCE			26'9"	28'5"	30'0"	31'8"	36'0"	
	CLEARANCE (2')			11'9"					
	CLEARANCE (4')			14'8"					
XXP-HHD		33'	40'	50'	60'	70'	80'	90'	100'
	TRUSS DEPTH			30"					
	CENTER CLEARANCE			32'9"	34'5"	36'0"	37'8"		
	CLEARANCE (2')			17'1"					
	CLEARANCE (4')			20'3"					
S100				100'	125'	140'	160'	140'	160'
	TRUSS DEPTH			33"				33"	58"
	CENTER CLEARANCE			46'11"	50'	51'8"	53'1"	51'3"	52'5"
	CLEARANCE (5')			14'5"				14'5"	9'
	CLEARANCE (10')			20'10"				20'10"	18'

WARRANTY

The steel structures supplied as MegaDome carry a limited, prorated warranty of 10 years for pre-galvanized steel and 15 years for hot-dip galvanized steel (performed after welding). The warranty applies to the original purchaser/customer, against any defects related to the original specifications (steel type, galvanization thickness, etc.) as well as manufacturing defects on the main structure components. This warranty is limited to components which are manufactured by Harnois and shall be interpreted within the context of its anticipated life expectancy, when used for its original purpose and maintained as prescribed by the manufacturer.

10 YEARS

PREGALVANIZED STRUCTURE
15-YEAR WARRANTY FOR HOT-DIP
GALVANIZED STEEL

15 YEARS

MEMBRANE
20-YEAR WARRANTY FOR THE
ELITE MEMBRANE

888-427-6647

megadome@harnois.com