



HARDING
STEEL

CARLOFT™ by Harding Steel

Innovative Vehicle Storage for Private Residences

Reclaim your garage...and make it beautiful too!

The CARLOFT™ by Harding Steel has been developed for the discriminating custom home owner and builder. This system enables vehicles to be stored in the otherwise unused attic or loft space above conventional garage bays.

No longer are traditional lifts needed that mount to the floor of the garage and take up space. You get your surface space back and never have to pull under a vehicle lift again. The CARLOFT™ can be designed into new construction, and with careful planning and execution may be retrofitted into existing homes. Harding Steel is offering this system in a variety of standard garage configurations with dimensions that can be configured to the individual project.

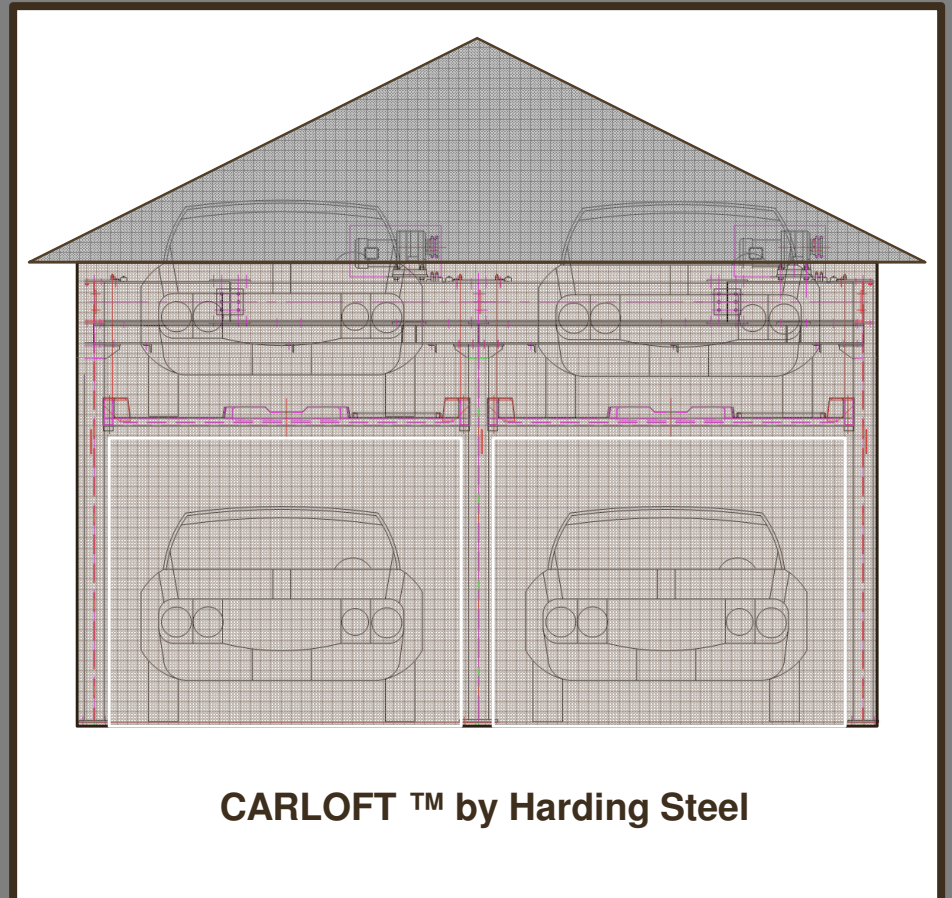




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Features and Specifications

- Available in Two, Three, and Four bay custom configured systems
- Uniquely configured to each individual garage
- Utilizes a steel beam structure stretched into the 4 corners of the garage space
- Vertical beams are hidden behind garage door divisions and corners of the garage
- Can be painted to match the garage
- Suspended platforms lift vehicles into the available overhead loft/attic space
- All electric motors, no hydraulics
- Can be retro-fit into existing garages
- Creates something no residential vehicle lift can... Clean, usable, available space
- Lifted platforms can be configured to 7, 8, 9, even 10 feet overhead, leaving the garage floor surface clean, uncluttered and "family friendly".
- Vehicles that are driven daily can be pulled in and out of the garage without having to navigate around steel posts and platforms
- Not just for cars!!!
Can be used to store anything overhead – ATVs, Motorcycles, Golf Carts, and lots of miscellaneous!
- Features and Safety devices
 - Platforms made of 100% Galvanized Steel
 - Anti-fall devices are integrated into every platform
 - Upper and lower limit switches to ensure platform settings and placement
 - Photo beams to detect when a car is in the lower space eliminating the risk of lowering any upper platforms onto a lower parked vehicle
 - 220V Single Phase Power
 - Key Pad operated controls
 - Installed by factory technicians anywhere in the USA and Canada



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S T E E L

Total Required Ceiling Height Clearance Tool

Maximum Upper Vehicle Height	Preferred Overhead Clearance (inches)					
	72"	78"	84"	90"	96"	102"
60"	132"	138"	144"	150"	156"	168"
66"	138"	144"	150"	156"	162"	174"
72"	144"	150"	156"	162"	168"	180"
78"	150"	156"	162"	168"	174"	186"

D - Distance from the Floor to the Top of the Upper Car

C - Height of the Upper Car

B - Distance from the Floor to the Top of the Vertical Post

A - Distance from the Floor to the Bottom of the Upper Platform

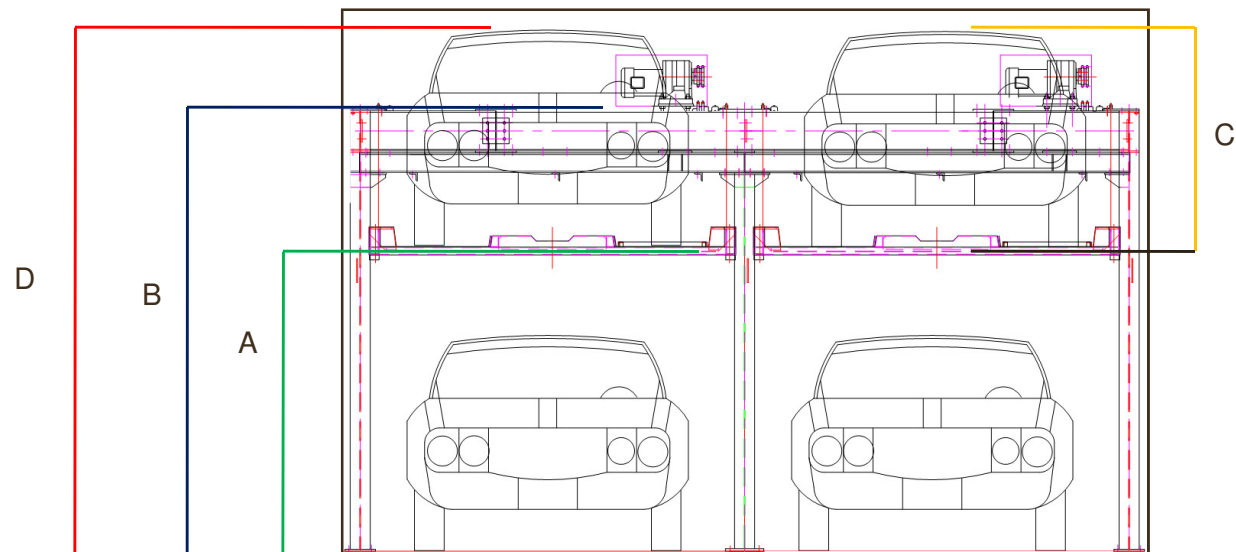
Typical Configuration:

D= 13 Feet

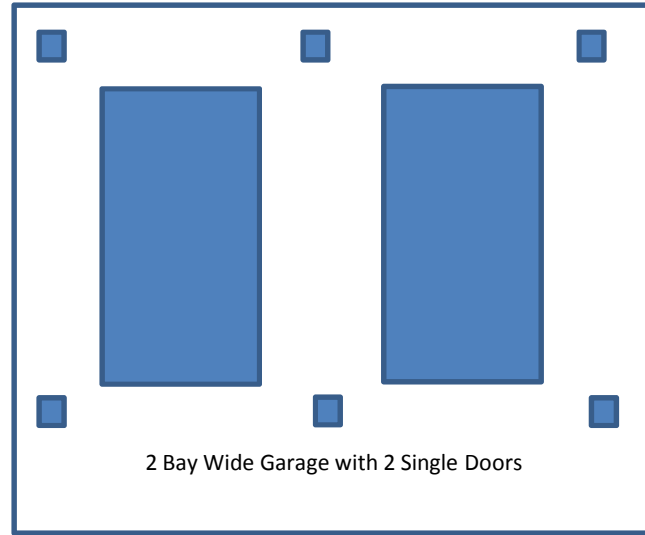
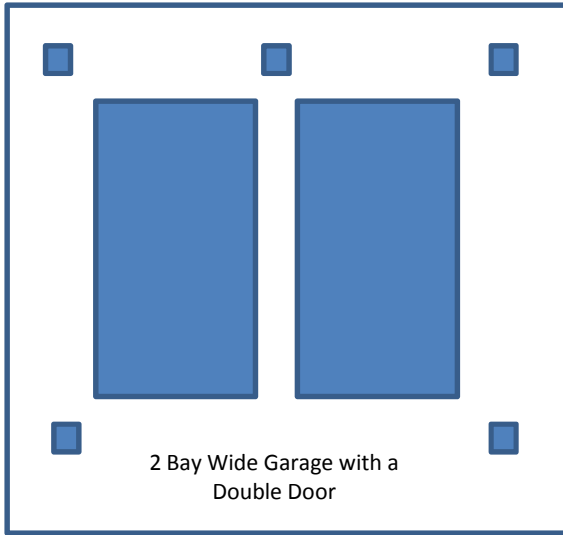
A= 8 Feet

C= 5 Feet

B= 9.25 Feet



CARLOFT Plan View Configuration Samples

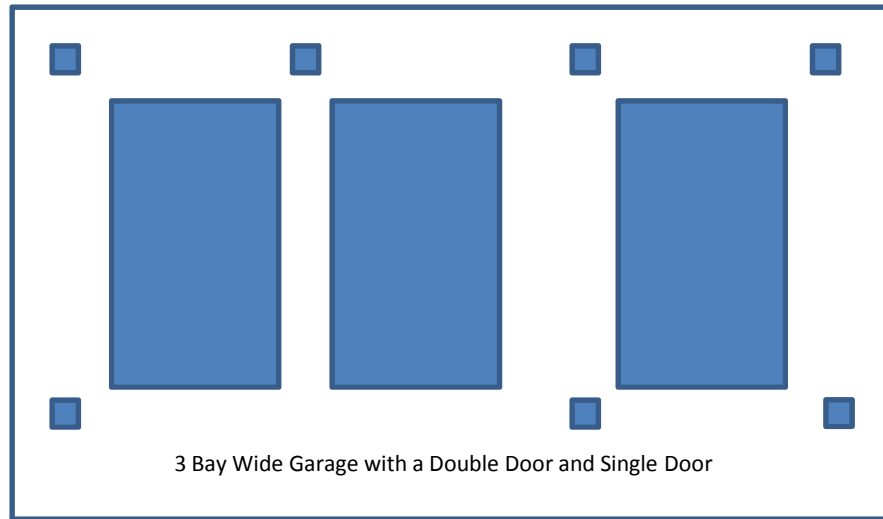


Drawing Key

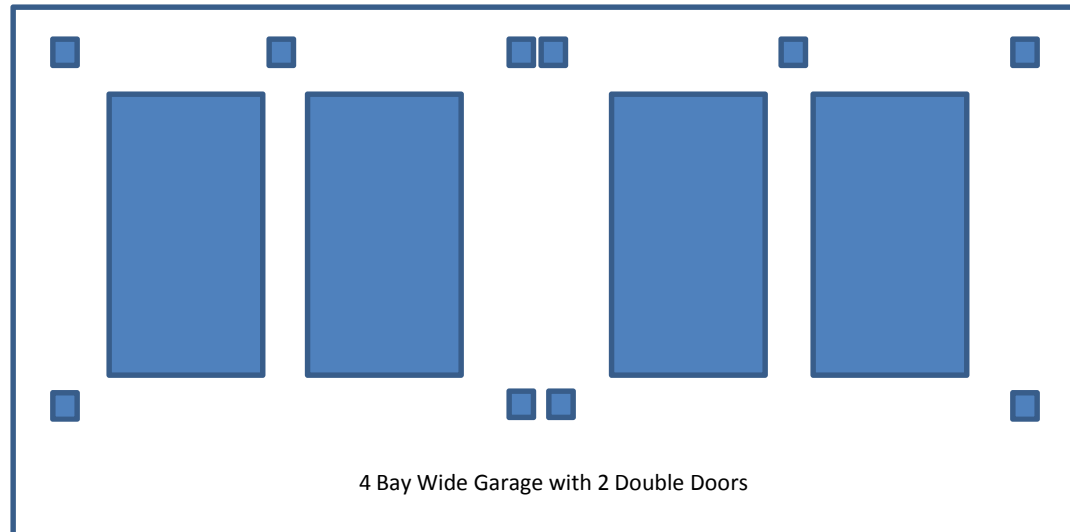
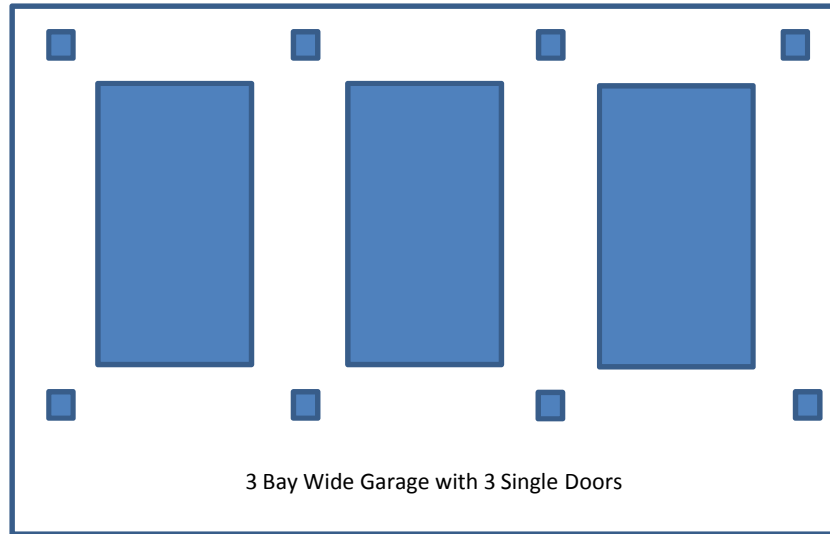
Vertical Column



Vehicle Platform

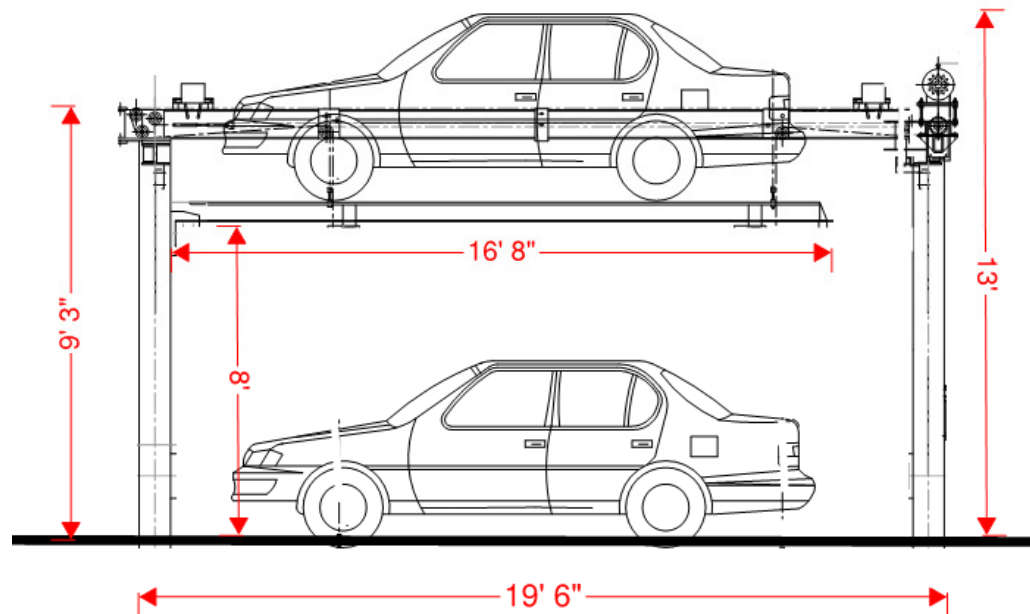


CARLOFT Plan View Configuration Samples





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Typical dimensioning for the Harding Steel CARLOFT™ machine.
Dimensions can be modified to fit the garage design.
This is based on one car above and one car at grade.

*Average vehicle length is 16' 6"