

**KLAUS**

**KLAUS MULTIPARKING INC**  
 Tel. 925-284-2092 Fax 925-284-3365

**Stack Parker****Series G 63 (horizontal)**

EB (single platform) = 3 vehicles  
 DB (double platform) = 6 vehicles

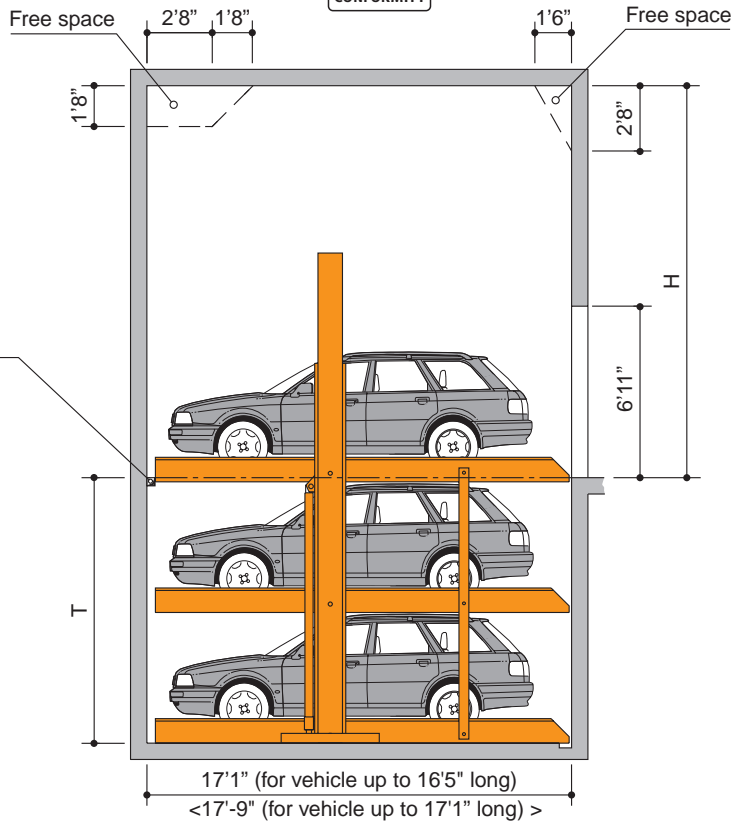


## Basement Garage

Space requirements are minimum finished dimensions in inch

for dividing walls:  
 cutting through 4" x 4"  
 (for duct for cables etc.) of  
 dividing wall

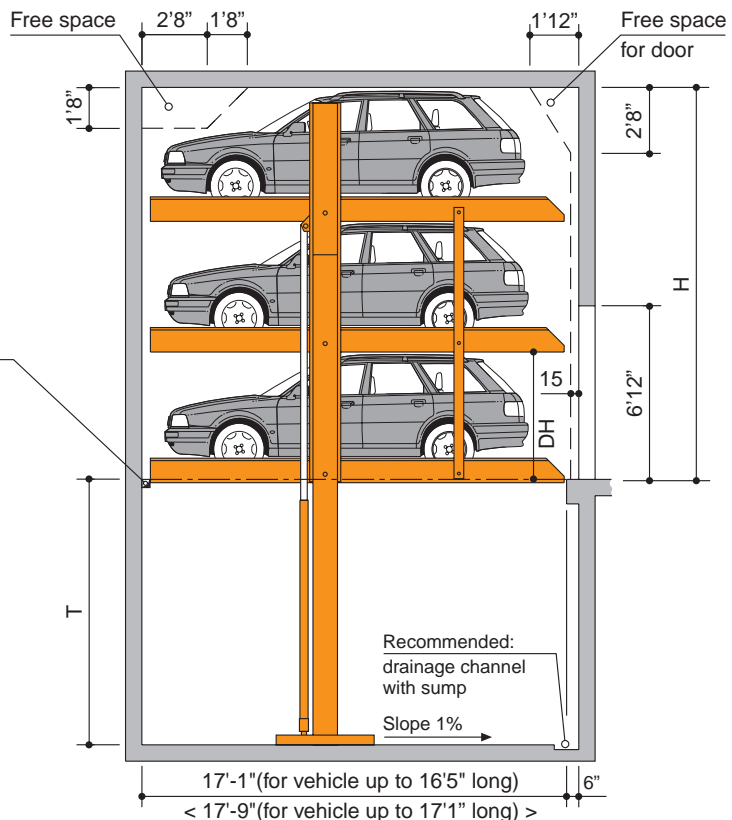
Access to all  
 parking spaces  
 is horizontal



## Garage with door in front of the car parking system

Space requirements are minimum finished dimensions in inch

for dividing walls:  
 cutting through 4" x 4"  
 (for duct for cables etc.) of  
 dividing wall



**KLAUS**  
**Car Parking Systems**

Klaus Mutiparking Inc  
 3652A Chestnut Street  
 Lafayette CA. 94549

Phone 925-284-2092  
 Fax 925-284-3365

Internet www.parklift.com

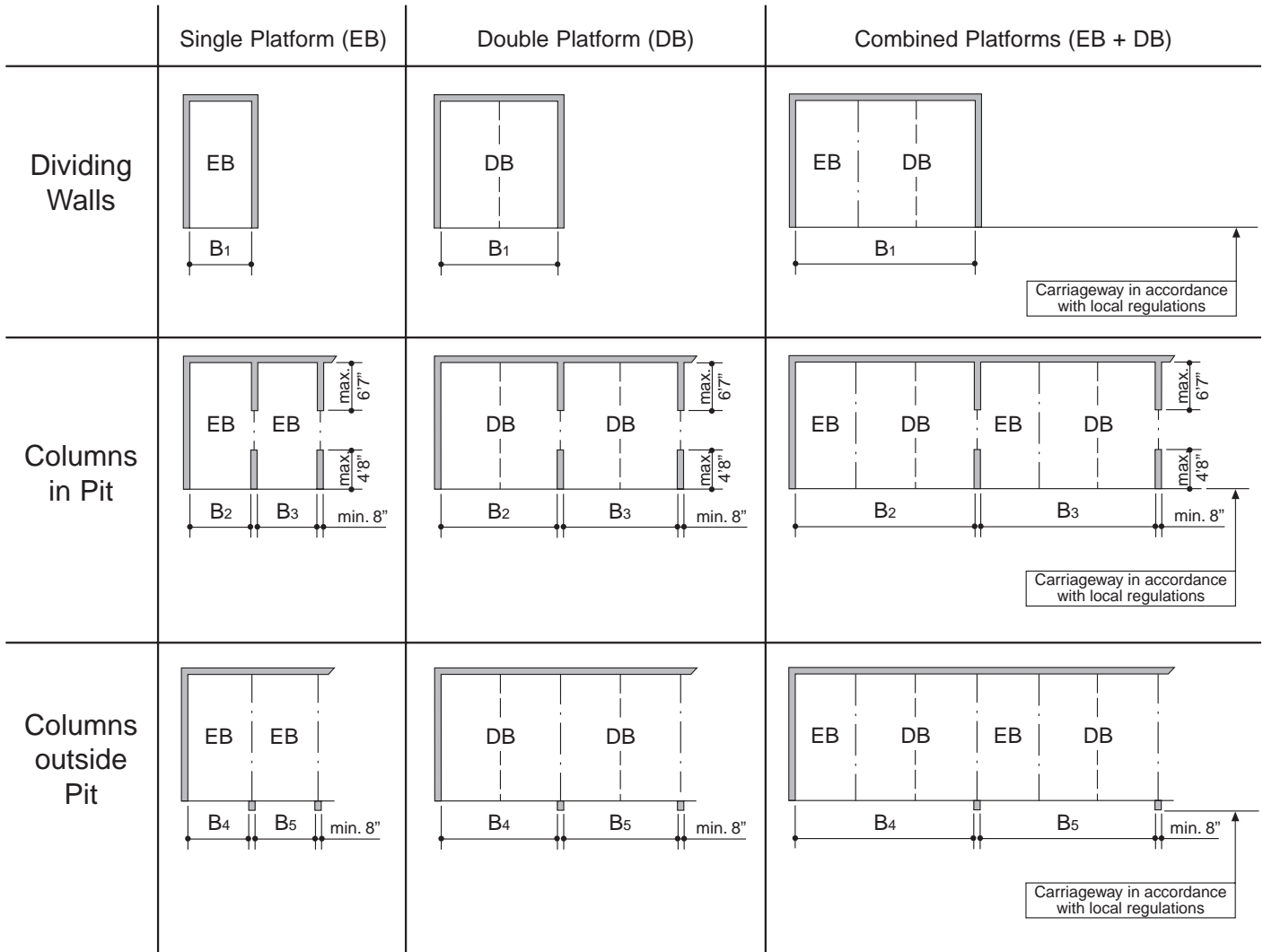
| Type            | T             | H            | DH          | Suitable for   | Maximum vehicle dimensions   |
|-----------------|---------------|--------------|-------------|--|--|
| <b>G 63-480</b> | <b>10'10"</b> | <b>15'9"</b> | <b>5'2"</b> | upper: } standard passenger vehicle<br>middle: } and station wagon<br>lower: } | Length 16'5"<br>Height 4'12"<br>Weight 4400 LBS<br>Width 6'3" m<br>Wheel load 1100 LBS |

If dimension height "H" is increased by customer in comparison to dimension "H" as indicated, correspondingly higher vehicles may be parked on upper platforms!

# Widths – Basement Garage

Series G 63-480

All space requirements are minimum finished dimensions in inch



|                   | Usable Platform Width | Dividing Walls B1 | Columns in Pit |        | Columns outside Pit |        |
|-------------------|-----------------------|-------------------|----------------|--------|---------------------|--------|
|                   |                       |                   | B2             | B3     | B4                  | B5     |
| EB                | 7'7"                  | 8'11"             | 8'7"           | 8'3"   | 8'7"                | 8'3"   |
|                   | 7'11"                 | 9'3"              | 8'11"          | 8'7"   | 8'11"               | 8'7"   |
|                   | 8'3"                  | 9'7"              | 9'3"           | 8'11"  | 9'3"                | 8'11"  |
| DB                | 15'2"                 | 16'6"             | 16'1"          | 15'9"  | 16'1"               | 15'9"  |
|                   | 15'5"                 | 16'9"             | 16'6"          | 16'1"  | 16'6"               | 16'1"  |
|                   | 15'9"                 | 17'1"             | 16'9"          | 16'6"  | 16'9"               | 16'6"  |
|                   | 16'1"                 | 17'5"             | 17'1"          | 16'9"  | 17'1"               | 16'9"  |
|                   | 16'6"                 | 17'9"             | 17'5"          | 17'1"  | 17'5"               | 17'1"  |
| EB + DB (Example) | 7'7" + 15'2"          | 25'4"             | 24'12"         | 24'8"  | 24'12"              | 24'8"  |
|                   | 7'11" + 15'5"         | 25'12"            | 25'8"          | 25'4"  | 25'8"               | 25'4"  |
|                   | 8'3" + 15'9"          | 26'7"             | 26'3"          | 25'12" | 26'3"               | 25'12" |
|                   | 8'3" + 16'6"          | 27'3"             | 26'11"         | 26'7"  | 26'11"              | 26'7"  |

Standard width = parking space width 7'7"

**PLEASE NOTE:**

- End parking spaces are generally more difficult to drive into. Therefore we recommend for end parking spaces our wider platforms.
- Parking on standard width platforms with larger vehicles may make getting into and out of the vehicle difficult. This depends on type of vehicle, approach and above all on the individual driver's skill.

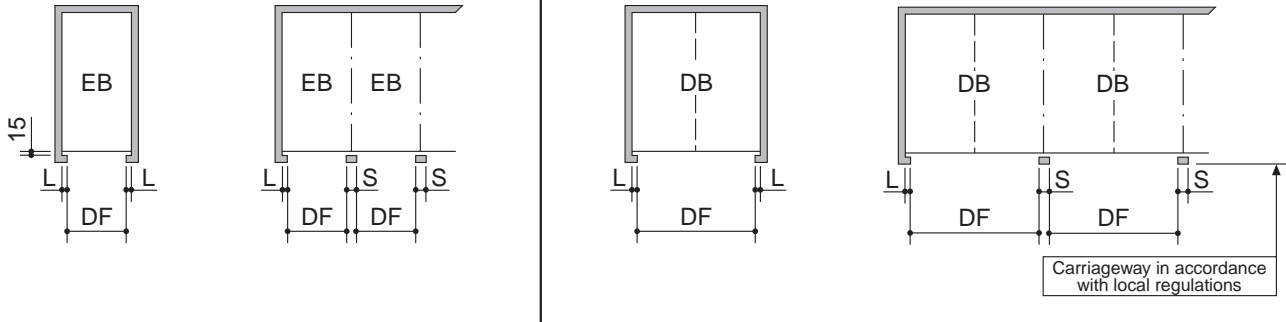
# Widths – Garage with door in front of the car parking system

**Series G 63-480**

All space requirements are minimum finished dimensions in inch

Single Platform (EB)

Double Platform (DB)



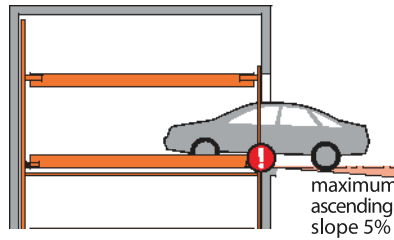
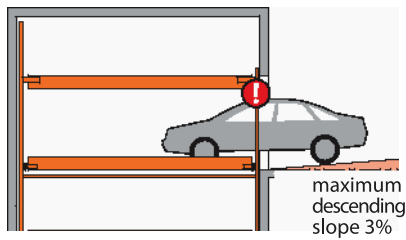
|    | Usable Platform Width | DF    | L  | S    |
|----|-----------------------|-------|----|------|
| EB | 7'7"                  | 7'10" | 7" | 12"  |
|    | 7'11"                 | 8'3"  | 6" | 12"  |
|    | 8'3"                  | 8'3"  | 8" | 1'4" |
| DB | 15'2"                 | 15'7" | 5" | 10"  |
|    | 15'5"                 | 15'7" | 7" | 14"  |
|    | 15'9"                 | 16'6" | 5" | 10"  |
|    | 16'1"                 | 16'6" | 6" | 12"  |
|    | 16'6"                 | 16'6" | 8" | 1'4" |

DF = door entrance width

Door dimensions require coordination with door supplier.

## Approach

The illustrated maximum approach angles should not be exceeded. Exceeding these slopes will cause maneuvering problems and will restrict car sizes on the parking system.



## GENERAL DESCRIPTION

The Klaus Stack Parker G63 provides dependent access to all cars on the system. Each individual parking bay must be accessible from the drive aisle. The drive aisle shall comply with local regulations, but is typically 24' wide. These units are available in a single wide or double wide configuration with parking spaces arranged on three levels and utilizes a pit to lower the cars into so the upper platforms can be lowered to driveway level and then allow cars to be driven on or off. Structural bracing is required on one side of the machine at one of the columns and supplemental bracing may be required as well.

## TECHNICAL DATA

### RANGE OF APPLICATION

This parking system is suitable for self parking by owners, renters, regular employees or anyone that can be trained on the system. The public may not park on this system without a valet.

### ENVIRONMENTAL CONDITIONS

Environmental conditions for the systems: Temperature range 14° to 104° F. The system must be installed indoors. If lifting or lowering times are specified, they refer to an environmental temperature of 72° F and with system set up directly next to the hydraulic unit. At lower temperatures or with longer hydraulic lines, these times increase.

### KEYS

The machine comes standard with two keys per parking space. The keys are inserted into a user control box centrally placed on the system.

### SPRINKLER SYSTEM

The sprinklers may be mounted at the front and rear of each level if needed.

### ELECTRICAL REQUIREMENTS AND HYDRAULIC UNIT

The hydraulic power unit is normally installed against the back wall on a metal bracket with rubber sound insulation. It consists of an electric motor, hydraulic motor and hydraulic oil reservoir in one unit. The hydraulic oil is biodegradable and environmentally friendly. The electric motor can be supplied in a 208 volt 3 phase (preferred) or a 240 volt single phase. Both types require a 30 amp circuit. One hydraulic power unit can run multiple lifts. KLAUS will provide the motor and motor controller. BUYER to provide fused disconnect. BUYER to provide conduit and wiring; a.) from fused disconnect (supplied by BUYER) to motor controller (supplied by KLAUS); b.) from motor controller to motor (supplied by KLAUS) KLAUS to furnish and install control wiring.

### CORROSION PROTECTION

The platforms are galvanized and the steel framing members are powder coated. The platforms should be cleaned annually to maximize their life.

### SERVICE

To maintain safe and reliable operation of the machine, it must be serviced twice per year if located outside in the weather. Once a year is adequate if the machine is located inside.

### WARRANTY

To machine has a complete one year parts and labor warranty. Klaus provides extended warranties.

## SCOPE OF WORK CLARIFICATIONS

1. The surrounding walls, columns and beams to provide support for the machine are provided by the customer.
2. All drainage is provided by the customer.
3. General lighting in the garage is provided by the customer. Extra lighting may be needed to light the area below the platforms.
4. Klaus will supply design assistance and will confirm in writing that the proposed machine will fit in the space provided.
5. Klaus will prepare shop drawings showing the location of all components.
6. The customer must close off the left and right sides of the machine with a wall or fence. The fence must be 8' high and the lower 5 feet must have no openings greater than 1/2" inch.
7. The customer must provide a 30 amp 3 phase 208 volt (or 240 volt single phase) circuit and fused disconnect for each machine and power must be available before installation begins.
8. Klaus provides all control wiring and conduit.

## WE RESERVE THE RIGHT TO CHANGE THIS SPECIFICATION WITHOUT FURTHER NOTICE

The Klaus company reserves the right in the course of technical progress to use newer or other technologies, systems, processes, procedures or standards in the fulfillment of their obligations other than those originally offered provided the customer derives no disadvantage from their doing so.

### SOUND CONTROL

Numerous sound control features are standard. The hydraulic power unit is mounted on rubber pads. Steel hydraulic lines are mounted with rubber pipe supports. A rubber hose isolates the power unit from the steel hydraulic lines.

Sound tests at the front of the machine show about 67dB to 69dB (A weighting) noise levels (speech at 1 foot is 68db).

### STRUCTURAL

The machine has steel framing and is anchor bolted to the concrete garage slab with wedge anchors. The framework consists of steel columns and beams on a grid pattern. One side of the machine must be attached to a wall or column.

Please refer to the Klaus Stack Parker G63 Bracing Details drawing and Merkle engineering report for details.

The platforms for the upper cars consist of steel platforms that ride up and down the steel columns. The platforms are constructed with two side members, three cross members, and a ribbed steel platform material which runs from side member to side member and has one wheel stop. The platform is solid and does not allow oil or water to drip onto the lower cars.

The lifting mechanism for the platforms consists of two hydraulic cylinders which raise the platform, hydraulically. The machine has mechanical safety locks.