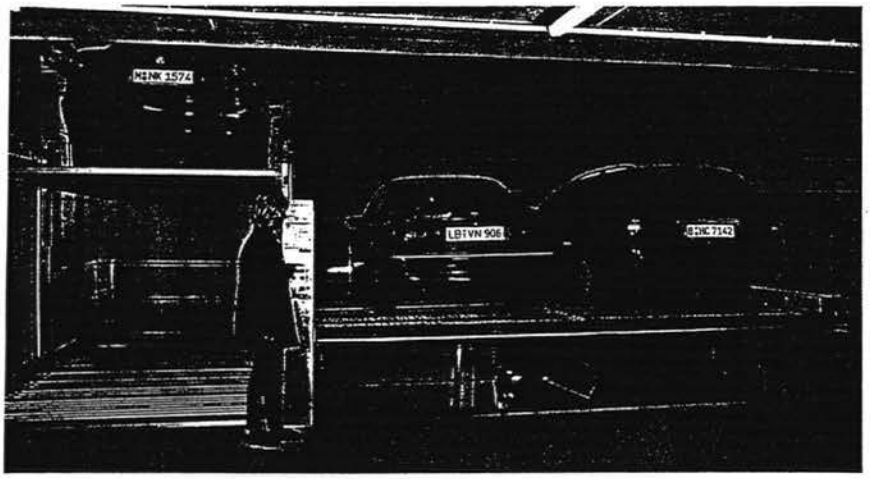
Conveniently park two vehicles in the place of one

using this drive-on/drive-off multiple deck system!

SpaceSaver Model 440



capacity to lift cars weighing up to 4,600-5,730 lbs.

up to 100% more parking spaces

1 parking space
= 2 parking levels
= cost savings

available in single (2 cars) and double units (4 cars)

high level of operating and functional safety

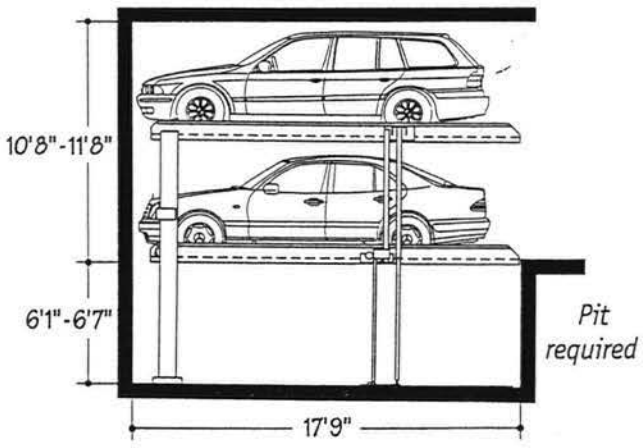
proven low wear hydraulics

low maintenance costs

Double your current parking capacity by using the SpaceSaver Model 440 with its unique pit design.

This revolutionary device enables you to turn one parking place into two. The electrohydraulically operated drive-on platform is designed to lift a vehicle into position, allowing another car to park directly beneath the first. The pit enables you to access the upper platform without removing the car from the lower platform.

The SpaceSaver Model 440 can handle all types of passenger cars, SUVs and light trucks. Different platform heights and widths are available, as well as double-width units.



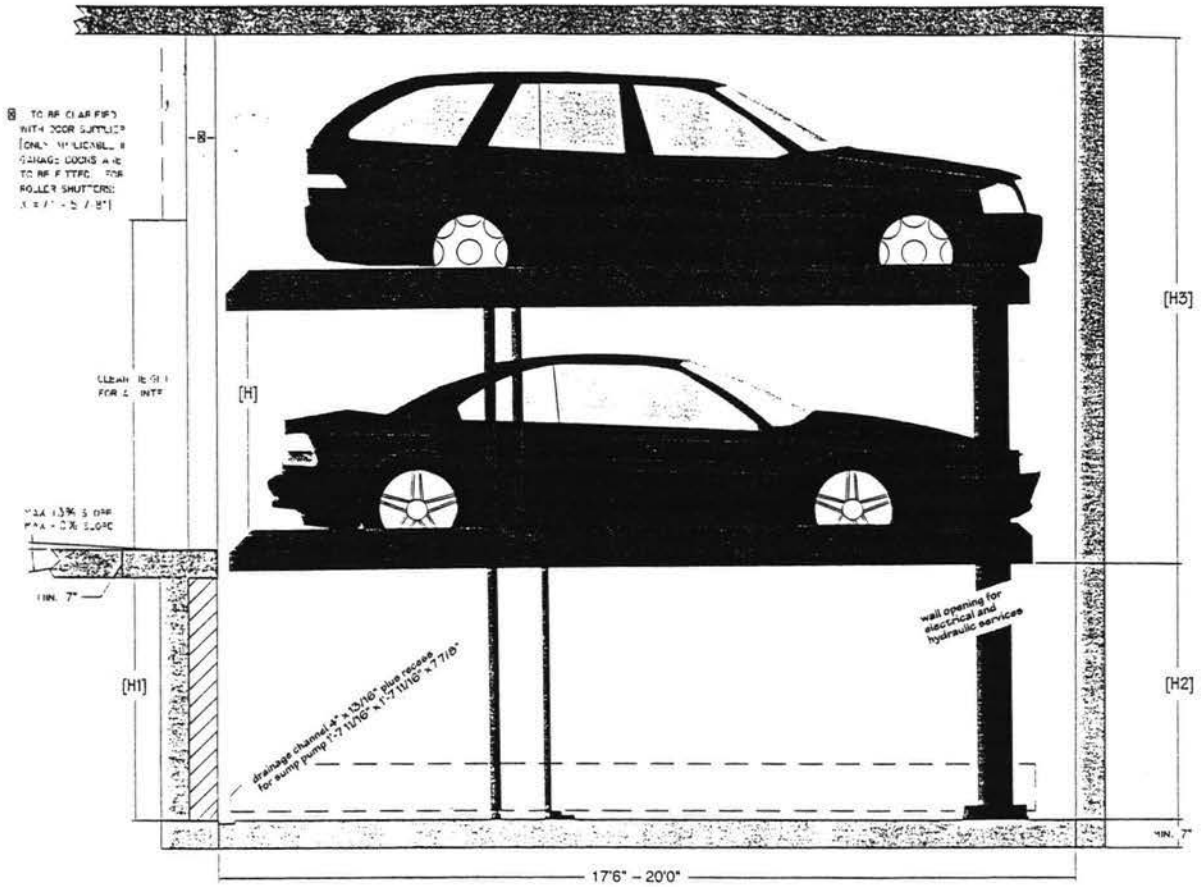
SpaceSaver Parking Company©

820 N. Wolcott Avenue
Chicago, IL 60622
773/486-6900 • Fax 773/486-2438
www.spacesaverparking.com

ZONING COMMISSION
District of Columbia
CASE NO.05-19
EXHIBIT NO.31B

SpaceSaver Model 440

BOTH PLATFORMS ARE IN A HORIZONTAL POSITION TO DRIVE ON
LOAD PER PLATFORM 4,409 LBS. (MAX. LOAD PER WHEEL 1,102 LBS.)
ADDITIONAL CAPACITY TO 5,730 LBS.



Model	car height upper level	car height lower level	[H] platform distance unloaded	[H1] pit depth front	[H2] pit depth rear	pit length minimum	[H3] entrance level height above
Economy-size SpaceSaver 440-170/165	4' 11"	4' 11"	5' 1"	5' 7"	5' 5"	17' 6"	10' 8"
Mid-size SpaceSaver 440-185/180	5' 5"	5' 5"	5' 7"	6' 1"	5' 11"	17' 6"	11' 2"
Full-size SpaceSaver 440-200/195	4' 11" - 5' 11"	5' 0"	6' 0"	6' 7"	6' 5"	17' 6"	11' 8"

Hydraulic Power Pack

Low-noise hydraulic power units handle up to 15 machines. These power units are 5 hp, 240 VAC, single phase.

Maintenance agreements are available and recommended for these types of units.

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SPACESAVER PARKING CO. MODEL 440

SPECIFICATION DATA

DESCRIPTION:

The Model 440 is a system designed to provide independent parking for two automobiles in the space of one parking place. The system consists of two platforms that travel in unison allowing the user to operate the system and bring the desired platform to grade level for retrieving or parking an automobile. The user is not dependant on having the other car removed in order to access his car.

STRUCTURE:

The structure consists of a guiding system, which is fastened to the facility in the pit. The guiding system will have two main rails on either side of the machine suitable in length to permit full use of the designed travel.

1) Platforms:
   Each platform will have a clear width of no less than 6'-6" and a length of no less than 17'-4". Each platform will have a capacity of 4,400 lbs. Each platform will be of continuous solid construction the entire length and width. A provision for drainage will be provided to prevent depositing debris on the car below.
2) A sprocket and torsion bar will be provided extending the entire width of the platforms to prevent any skewing.
3) Hydraulic cylinders will be mounted on each side of the platforms to apply the Necessary power to raise the platforms.
4) A power pack consisting of motor, submersible pump, pressure gauge, relief valve, and a retaining tank will be provided.
5) A controller consisting of motor relays, overloads, fuses, and power supply will be provided. A hydraulic valve will be provided to control the directions of the platforms.
6) One key operated station will be provided so that the user can raise and lower the platforms.

ELCTRICAL:

The control system has a U.L. label along with the pumping unit. The system operates on 220 V.A.C., 1phase, 60hz power. The control voltage is 24 V.D.C. The full load current is 28 amps.

OPERATION:

The user will be issued two sets of operating keys. These keys are special to this machine and will not fit another machine.

To raise the platform and make the lower platform accessible a key must be inserted into the operating station. When the key is turned to the "up" position the pumping unit will raise the platforms. Once the platforms have reached the desired position the unit will stop and go no further. To lower the unit the key is merely turned to the opposite position. The platforms will stop when they have reached the desired position. An Emergency Stop Button is mounted in the operating panel to stop or prevent any further movement.

Once the unit has been tested the Owner will be instructed on the proper usage.

MODEL 440D

Scope of Work

Spacesaver Parking Co. will provide the necessary labor and materials to install a Model 440D Parklift at the . location. The Parklift will have been made fully operational, tested, and prepared for Owner usage. At time of acceptance by the Owner a twelve month Period of New Installation Warranty will commence.

Work Not Included

Spacesaver Parking Co. does not include any of the following work and must be completed by others.

1) facility including pit per drawings provided by Spacesaver Parking Co.
2) all temporary and permanent 220 vac 1ph 60hz power
3) any site preparation to accommodate the machinery
4) separate secure area for the controller and pumping machine
5) any HVAC work or lighting required by Local Authorities
6) any alterations additions required by the Local Authorities or by the Owner over and above our standard model
7) any plumbing or drainage requirements
8) any access to the pit required by Local Authorities

Please read carefully before use!

Abridged operating instructions* Parklift 440-200 (Height 3550)

Safety regulations

- The installation is exclusively for the use of cars! Except for the entrance side, no other accesses are allowed!
- It is prohibited to enter the pit, to climb onto the raised platform and to work on platforms!
- In the case of units provided with a door: Only operate the unit when the door is open!
- Before in-parking and out-parking, the platform must be fully in place at the upper or lower position!
- When moving the platform, please make sure that neither you nor other persons or objects are standing within the installation's range of movement!
- With double installations, the statics prohibit simultaneous in and out-parking. Never do these at the same time!
- When in-parking and out-parking, always switch on the garage and the car lights!
- Always move in forward direction when in-parking!
- Avoid collision:
  - between the car and the facility when parking and exiting!
  - between the car and the installation/installed parts/building structure when the platform is moving!
- Drive onto the platform at walking speed!
- When walking in the installation, watch for protruding edges and unevenesses to avoid tripping!
- Beware: danger of slipping on the platform in wet, icy and snowy conditions!
- It is prohibited to drive passengers on the platform!
- Please make sure that there are no passengers in the car when in or out-parking!
- To prevent unauthorized use, always remove key after operation!
- Watch out for children and pets, keep them away from parking system!

Danger to life and limb!

Unauthorized entry into the pit is prohibited!

Before performing authorized work on parking systems by trained personnel, please note!

- Lower the system completely!
- Switch off lockable main switch and secure against renewed switching on!

- Stand under raised platforms only if these have been secured in such a way that there is no risk of their being lowered even if shaken! Also secure neighbouring platforms!
- Work on hydraulic systems may only be performed by specially trained persons!

Operating instructions

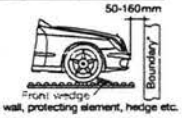
In-parking

Before parking, pay attention to the maximum permissible car weight and car dimensions, in particular when parking for the first time and after the car has undergone modification (vehicle or tyre change, add-on parts etc.)
Remove any residues of snow and ice lying in front of the garage and in the way of the vehicle! Do not drive onto a platform with snow chains or spikes.
Remove roof rack and ski bracket.
Retract or remove aerial.
Unload luggage; close trunk.
Make sure that you are about to drive into your parking space!
Always position the car on the platform so that no parts of the car protrude beyond the platform at rear or sides.
Place the positioning aid depending on car type (exceeding the setting measurements can damage the vehicle).

When you park your car in the unit for the first time our customer service department will be pleased to adjust the positioning aid to suit the vehicle concerned and avoid any risk of damage. We need to make a charge to cover the cost of this service.

Positioning aid

Place the front wedge centrally and directly before the front wheels.



* i.e. wall, protecting element, hedge etc.

Move into first gear, (with automatic cars, in position P), put on the hand brake, turn off enginge. Lock doors.

Drive up to the front wedge but do **not** pass over them!

Out-parking

Watch for people and objects when driving into the aisle.

Control element

In the event of danger, press EMERGENCY STOP and switch off the coloured main switch!

The EMERGENCY STOP can be unlocked by turning clockwise.

Raising the platform

Key:
- insert
- turn right and hold
- release when end-position is reached (will automatically turn back)
- remove

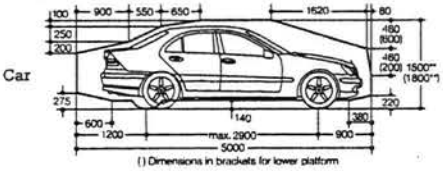
Lowering the platform

Key:
- insert
- turn left and hold

Danger of being crushed!

key:
- release when end-position is reached (will automatically turn back)
- remove

Car data



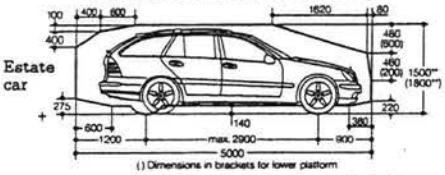
( ) Dimensions in brackets for lower platform

max. length	5000 mm
max. width – without outside mirror (with parking place width of 2300 mm)	1900 mm
max. height (upper platform)	1500 mm
max. height (lower platform)	1800 mm
max. weight	2000 kg
max. wheel load	500 kg

With special systems, see load-bearing plate on the platform

Cars and estate cars with a heigth of more than 1.50 m must not be parked on the upper platform. Cars and estate cars up to 1.80 m high can be parked on the lower platform.

** The car total height included roof rail and antenna fixture must not exceed the mentioned max. height dimension.



( ) Dimensions in brackets for lower platform

* Please carry out the recommendations in the detailed instruction for care of the plant. Copies of these instructions may be obtained from Wöhr under the Reference Number 023-0005

Cars with a low-slung suspension and cars with front spoilers may only be parked at the risk of the driver. Cars or estate cars that exceed the illustrated clearance profile can suffer damage during parking or during movement of the platform.

WÖHR AUTOPARKSYSTEME

Otto Wöhr GmbH
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In the event of damage and disturbances please inform your house management! Our customer service is naturally at your disposal.

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C016-4098 As in 03.2005