



HOISTS FOR EVERY SPACE

TLM-3TPH

3 Tier Parking Hoist

46 Saintly Drive, Truganina VIC 3029

www.tufflift.com.au

Tel: 03 8375 3600



INTRODUCTION

TLM-3TPH is a newly developed Tufflift 3-floor version of HP2236 and can be used as a 3-floor stacker parking hoist, like an eco version of HP3130.

The design of TLM-3TPH is based on the HP2236, the equipment is used as valet parking or storage.

FEATURES

- » Powder coating finishing
- » Dynamic anti-fall lock
- » Dust/oil dripping cover
- » Lock release failure detection
- » Semi-auto lock release
- » Emergency stop button
- » Up & down key switch
- » Self-standing & supporting structure (Optional)
- » TUV Rheinland Certified
- » Commercial grade
- » Overlap platform design
- » Ramps total height 150mm
- » Ground floor unlimited, 2nd floor 2500kg and 3rd floor 2000kg capacity
- » Entrance width 2492mm, 2nd floor 2100mm and 3rd floor 2200mm driven width
- » Clear height 2100mm on each floor
- » 4000mm/min (no-load) traveling speed
- » 3.0kw hydraulic pump





GENERAL PARTS LIST

- 1 Post
- 2 Carry board
- 3 Dust/ oil dripping tray
- 4 Ramp
- 5 Wheel stopper
- 6 Power pump
- 7 Lower platform
- 8 Upper platform
- 9 Side beam
- 10 Electric hanger

Super-fast Travelling Speed

4000mm/min traveling speed
without load, 10 sec slower with load

Dust / Oil Drip Tray

Each platform has a dust/oil dripping tray
to make sure the cars will not be polluted

Full size dynamic lock

The platforms travel up and down
with full sized dynamic lock

Super-wide usable width

Entrance width 2492mm
2nd floor 2100mm
3rd floor 2200mm drive on width

Maximise usage of the building height

3 car height
(customization may be required)
+
135mm + 120mm + 3 x safety clearance
(check with local authority)

Professional packaging and delivery

20ft container load 6 units,
40ft container load 12 units



Super cost-effective

Less than half the cost of HP3130

Low usage cost

Gravity lower down save energy

Easy Installation

Simple structure.
Major parts are pre-assembled

Description	Specifications
Lifting capacity	Ground floor unlimited, 2nd floor 2500kg and 3rd floor 2000kg
Gross weight	2000kg
Useable height	Ground floor & second floor 2100mm
Equipment height	4966mm
Usable width	2492mm
Total width	2802mm
Total length	5060mm
Total Rump height	150mm
Locking device	Dynamic
Pump motor	3kw
Power required	220-420V, single or 3 phase, 50/60Hz
Control voltage	24v
Operation model	Key Switch
Lifting speed	4000mm/min (no-load)
Surface treatment	Powder coating
Lock release	Semi-auto

SAFETY FEATURES

Pressure release valve

24V electric control system

Self-restore key switch

Power overload protection

Limit switch

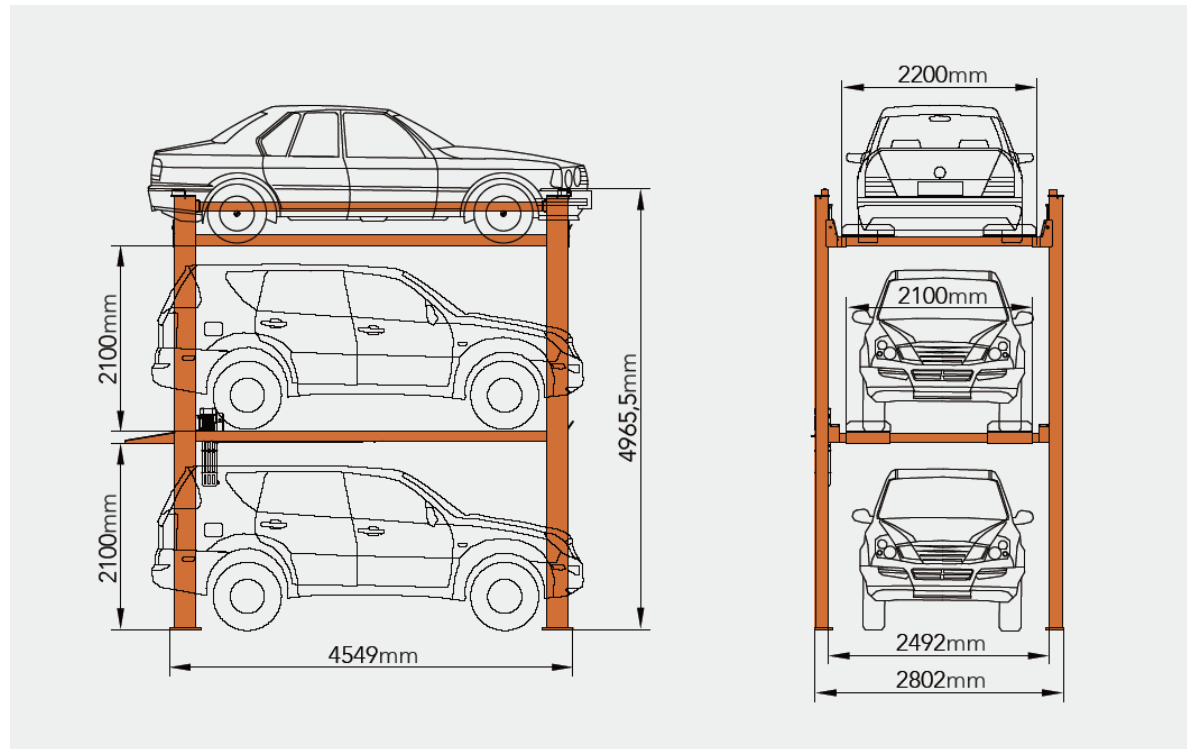
Emergency stop

Safety brake

Flow control valve

Full size dynamic anti-fall lock





Packing & Container Load

Container Size	Loading Quantity	Net Weight
20ft	6 units	12t
40ft	12 units	24t

Can the TLM-3TPH be used outdoors?

The TLM-3TPH does have an outdoor version.

For more information, please consult our sales people.

What's the supply voltage?

Standard voltage is 220v, 50/60Hz, single phase.

Other voltages could be customized according to clients' request.

How do I calculate the floor height required for the TLM-3TPH?

The formula is as follows:

$2100\text{mm} + 135\text{mm} + 2100\text{mm} + 120\text{mm} +$
height of the 3rd car + safety clearance
(check local authority)

To customize the height of each floor, please consult our sales team.

How do I operate the TLM-3TPH?

The top platform will sit on the lower platform on the ground floor.

Park the first car on the top platform and lift up the top platform with the car, all the way to the top level.

Lock the top platform, lower the lower platform down to the ground and then park the second car on the lower platform.

Lift the lower platform and park the 3rd car on the ground floor.

Drive away the ground floor car and lower the lower platform down and then drive away the car on the lower platform.

Lift the lower platform up all the way to the top to take the top platform off the lock.

Take the top platform all the way down to the ground floor and drive away the top floor car.

How many cars can be parked on each unit ?

3 cars can be parked on the hoist. The car parked on the ground floor has no limit on the weight capacity and has a 2100mm clearance height.

The car parked on the 2nd floor has a weight limit of 2500kg and has a 2100mm clearance height.

The car parked on the top floor has a weight limit of 2000kg and no limit of the clearance height.

WARRANTY

The TLM-3TPH comes with 5 years warranty on structure and 1 year on whole machine.

Within the warranty period power units, hydraulic cylinders, and all other assembly components such as slip plates, cables, chains, valves, switches etc, are warranted for 1 year against defects in material or workmanship under normal use.

Tufflift shall repair or replace at their discretion parts returned to the factory freight prepaid which prove upon inspection to be defective, during the warranty period.

Tufflift will not be responsible on any labor costs unless pre-agreed. Tufflift will not responsible for the modification or upgrade of the product from the client unless pre-agreed.

These warranties do not extend to:

- Defects caused by ordinary wear, abuse, misuse, shipping damage, improper installation, voltage or lack of required maintenance.
- Damages resulting from purchaser's neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) and/or other accompanying instructions supplied
- Normal wear items or service normally required to maintain the product in a safe operating condition
- Any component damaged in shipment
- Other items not listed but may be considered general wear parts
- Damage caused by rain, excessive humidity, corrosive environments or other contaminants
- Any change or modification made to the equipment without pre-agreement

These warranties do not extend to any cosmetic defect that is not interfering with equipment functionality or any incidental, indirect, or consequential loss, damage, or expense that may result from any defect, failure, or malfunction of a Tufflift product, or the breach or delay in performance of the warranty.

This warranty is exclusive and in lieu of all other warranties expressed or implied. Tufflift reserves the right to make design changes or add improvements to its product line without incurring any obligation to make such changes on product sold previously.

Warranty adjustments within the above stated policies are based on the model and serial number of the equipment. This data must be furnished with all warranty claims.



IMPORTANT NOTICE

CUSTOM SIZE

If the size of the platform or height of the clearance needs to be customized based on the customer's requirements, difficulties may arise when entering or exiting the cars on the parking units.

This depends on car type, the access and the individual driving behavior.

OPERATING DEVICE

The position of the operating device depends on the project (switch post, house wall).

From bottom of the shaft to the operating device, an empty pipe DN40 with taut wire is necessary.

ILLUMINATION

Illumination has to be considered according to local requirements by client.
Illumination in the shaft for maintenance is required to be minimum 80 Lux.

PROTECTION AGAINST CORROSION

Independent of a maintenance workings has to be carried out according to Tufflift Cleaning and Maintenance Instruction regularly.

Clean galvanized parts and platforms to remove dirt and road salt as well as other pollution (corrosion danger)!

TEMPERATURE

The installation is designed to operate between +5 ° and +40 ° C. Atmospheric Humidity: 50% at +40 ° C.

If the lol circumstances differ from the above please contact Tufflift.

MAINTENANCE

Regular maintenance by qualified personnel can be provided by means of an Annual Service Contract.