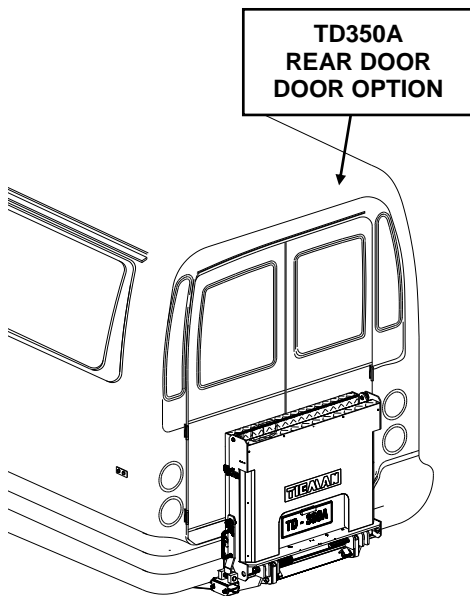




## TD350A WHEELCHAIR LIFT REAR LOADING – LARGE BUS (HYDROTEK® POWER PACK)

The **TD350A** is an Externally mounted Wheelchair Lift with a capacity of **350kg**. Being Externally mounted provides more available space inside the vehicle. This lift can be fitted to a range of vehicles from Small Vans to Large Buses. The **TD350A** Wheelchair Lift is a proven performer that combines Strength with Quality & Safety.



*TD350A in closed position*

### Easy to use

- Low profile ramp / flap for easy loading of wheelchairs.
- Kerbside, 2-button hand held controls for greater flexibility and safety plus fixed controls on side of vehicle.
- The **TD350A** has a durable, non-slip aluminium chequer plate platform making loading safe.
- Can be manually operated in the event of power failure.
- Torsion spring assisted manual closure.

### Great value investment

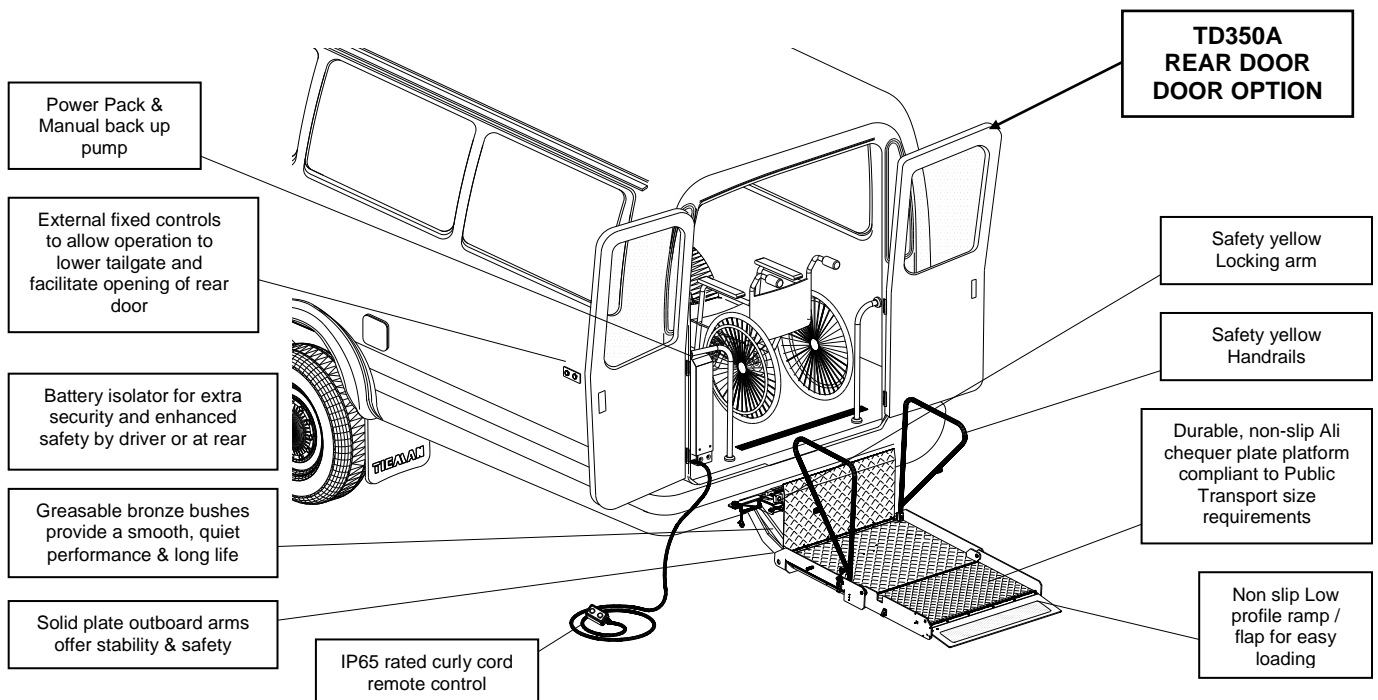
- Can be removed and re-installed when vehicle changeover occurs for maximum return on investment. Good retained value in second-hand market.
- One of AVA's most popular Wheelchair Lifts.

### Strength & Quality

- Connected directly to chassis.
- Gravity down operation extends battery life and reduces wear on the motor and pump.
- Double wire-braided hoses resist kinks and hose burst.
- Bronze bushing and greasing provision minimise friction at pivot points for smooth, quiet operation, ease of use and long life.
- Two (2) year conditional parts and labour warranty.

### Safety comes first

- Meets and exceeds all facets of AS 3856 part 1 & 2 Hoists & Ramps for People with Disabilities – Vehicle Mounted.
- A battery isolator prevents unauthorised use of the unit.
- Hydraulic test point for safe and easy maintenance.
- Comprehensive operating instructions and safety decals.
- A pressure relief valve prevents platform raising when overloaded.
- Externally mounted controls on passenger side rear of vehicle.





STANDARD SPECIFICATION TD350A	
CAPACITY	350kg
PLATFORM	850mmW x 1320mmL + Ramp
RAMP LENGTH	250mm
INSTALLED WEIGHT	169kg Aluminium Chq. (Nominal)
FITTING REQUIREMENTS	1210mm Max Height Unloaded 660mm Min Height * 600 - 700mm Underbody Clearance Required Subject to Vehicle Type & Floor Height
MAXIMUM PROJECTION (ADDS TO VEHICLE)	160mm ( Nominal )
CONTROLS	Fixed & Remote Push Button C/W 2.75m Lead (IP65 Rating)
<b>OPERATION</b>	
LIFT OPERATION	Power up/ Gravity down
SPEED DOWN	Flow Control Set To Provide (100mm/sec)
CLOSING OPERATION	Manual ( Torsion Spring Assisted )
LOCKING DEVICE	Locking arm
<b>PLATFORM</b>	
SURFACE	Aluminium Chequer Plate
<b>LIFT ARMS</b>	
CONSTRUCTION	16mm Plate
RE-BUSHABLE	Yes
<b>LIFT FRAME</b>	
CONSTRUCTION	19mm Plate & Angle
RE-BUSHABLE	Yes
BUSHES	DU Bush
PINS	Ø25 mm Dia. High Grade Bar
<b>HYDRAULIC</b>	
POWER PACK	HYDROTEK ® 0.8kw

## THE AVA-GROUP ADVANTAGE

### DEAL WITH THE SPECIALISTS FOR EXPERTISE AND QUALITY

AVA's engineering excellence has earned its products the "Built to Last" reputation. Today, AVA is seen as a quality provider of vehicle access lifts & conversions. Our years of experience have been put to good use in product development, advice and service.

### PROFESSIONAL SERVICE FOR ENHANCED LONGEVITY

AVA planned service agreements ensure regular and professional servicing for enhanced reliability and longevity. Your lift is likely to outlast its vehicle if properly maintained and can be easily transferred at trade in time.

### 24 HOUR, 7 DAY SUPPORT, AUSTRALIA-WIDE

AVA operates 24 hours a day, 7 days per week, around Australia. Factory trained technicians are always on call in case of emergency and the service vans carry a comprehensive range of genuine parts.

### SPARE PARTS FAST

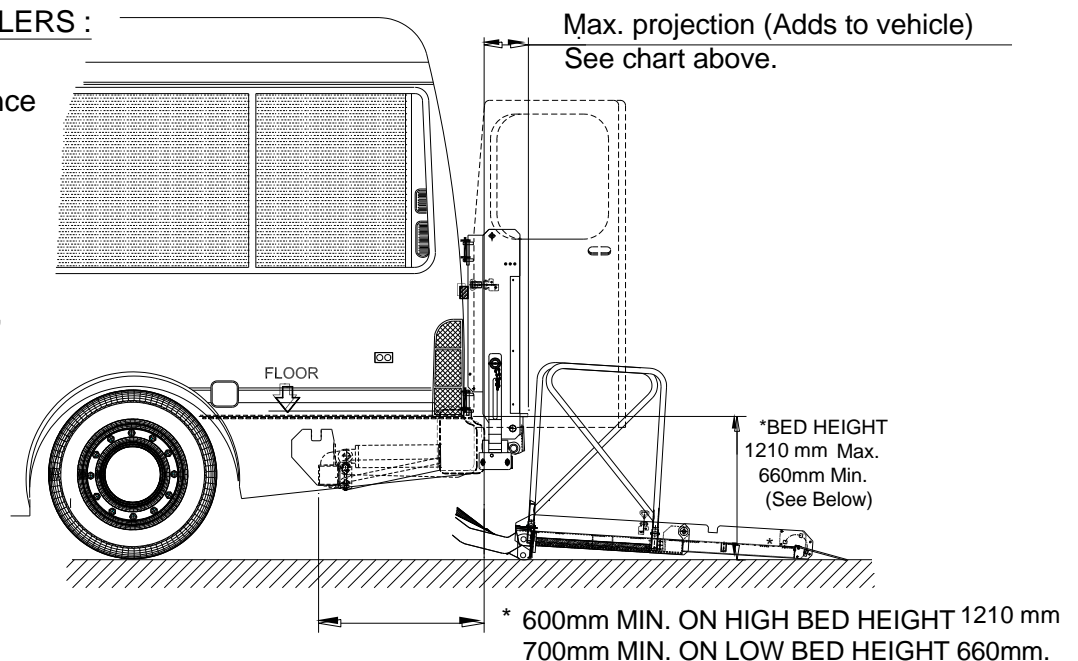
A large inventory of parts is kept at all times by AVA for swift delivery throughout Australia. All vehicle access lifts come with an owner's manual that includes operational instructions, maintenance tips and safety advice.

### TRAINING FOR SAFETY

All Wheelchair Lift manuals include a risk analysis assessment in compliance with Plant Regulations. At your request, we will arrange for an on-site demonstration to all users of the correct and safe operation of the Wheelchair Lift.

### WARNINGS TO INSTALLERS :

- \* Increased rear overhang will affect ground clearance as will low bed height.
- \* Underbody clearance required may increase as bed height decreases, depending upon desired road clearance.



DUE TO OUR POLICY OF CONTINUAL IMPROVEMENT, AVA RESERVES THE RIGHT TO ALTER SPECIFICATIONS WITHOUT NOTICE.



<b>STANDARD SPECIFICATIONS – TD350A</b>	
<b>CAPACITY kg</b>	350kg
<b>NOMINAL PLATFORM SIZE mm</b>	850 Width x 1320 Length + Ramp
<b>NOMINAL RAMP LENGTH mm</b>	250
<b>TOTAL INSTALLED WEIGHT kg</b>	169kg
<b>FITTING REQUIREMENTS mm</b>	1210 Maximum Height Unloaded 660 Minimum Height Loaded (Depending on vehicle overhang & desired road clearance) <input type="checkbox"/> 700 Min. Underbody Clearance For 660 Floor Height <input type="checkbox"/> 600 Min. Underbody Clearance For 1210 Floor Height
<b>ADDS TO VEHICLE mm</b>	160 ( Nominal )

<b>OTHER SPECIFICATIONS</b>	
<b>WEIGHT (Nominal)</b>	
Unit kg	113
Cylinder kg	11
Installation Kit kg	45
<b>PLATFORM</b>	
Surface	ALUMINIUM CHEQUER PLATE
Ramp Angle	35% or 19°
Side Safety Retainer Height mm	80
<b>LIFT ARMS</b>	
Construction	16mm Plate
Arm Depth mm	60-80
Re-Bushable	Yes
Overall width mm	730
<b>LIFT FRAME</b>	
Construction	19mm Plate & Angle
Frame Depth mm	50
Re-Bushable	Yes
Overall width mm	620
<b>MAIN FRAME</b>	
Construction	100mm RHS
Bracket Thickness mm	6
<b>PINS</b>	
Material	Ø25mm Dia.High Grade Bar
Greasing Provision	Yes
<b>BUSHES</b>	DU Bush
<b>HYDRAULIC</b>	
Power Pack	HYDROTEK ®
Motor Size	0.8Kw
Cylinder Quantity	1
Cylinder Size (Dia x Stroke) mm	Ø75 x 204
Hoses	6mm (1/4") Double Wire Braid
Oil Type	ISO Grade 22 Hydraulic Oil
<b>OPERATION</b>	
Operation	Power up/Gravity down
Speed Down	Flow Control Set To Provide (100mm/sec)
Closing Operation	Manual (Torsion Spring Assisted)
Locking Device	Manual
<b>CONTROLS</b>	
Battery Isolation Switch	Yes
Remote Push Button	Two (2) Button c/w 2.75m lead
Safety Plug	Yes
External Button	On body and remote push button control

Subject to Vehicle Type & Floor Height

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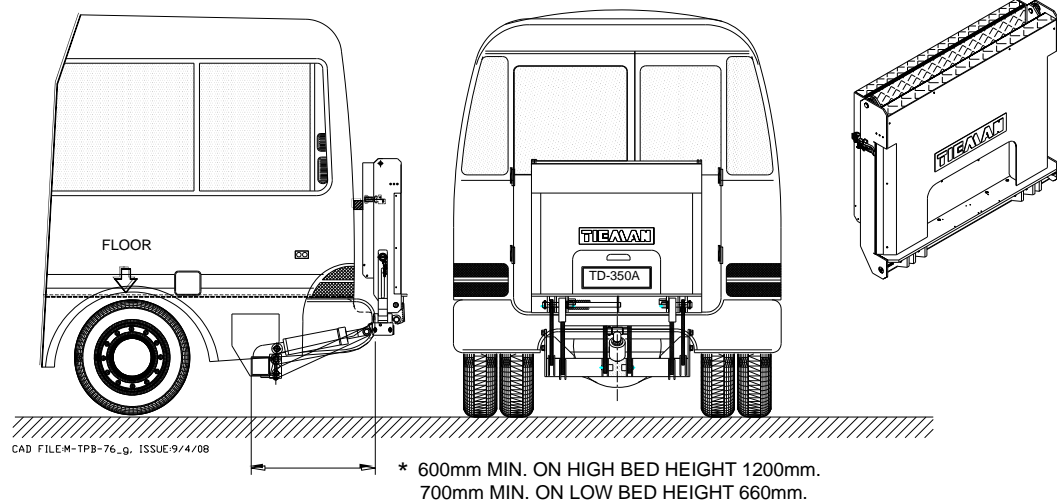
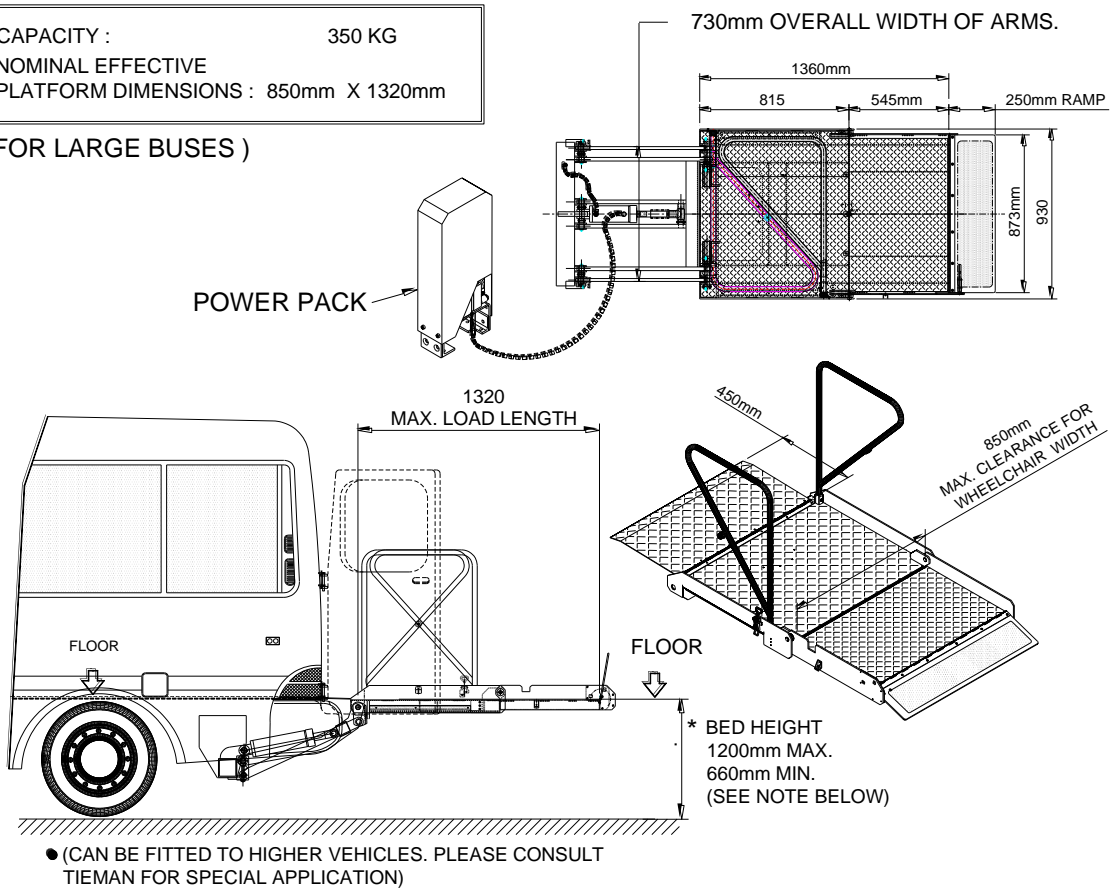


**MODEL : TD 350A**

**BASIC DIMENSIONAL REQUIREMENTS - INSTALLED ONTO LARGE BUSES**

CAPACITY : 350 KG  
NOMINAL EFFECTIVE  
PLATFORM DIMENSIONS : 850mm X 1320mm

( FOR LARGE BUSES )



CAD FILE#-TPB-76\_g. ISSUE:9/4/08

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