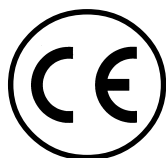


INSTALLER'S MANUAL FOR THE "AHT" TAILLIFT



ATK-500ST/AL
ATK-750ST/AL

ATK-500ST/ST
ATK-750ST/ST

without underrun beam

LEFT HAND DRIVER



SERVICE QUALIFICATIONS TO INSTALL THE TAILGATE LOADER

The installer should be well trained in the proper procedure for installing the AHT before beginning the installation.

Carefully read the manual **before starting to install** the AHT tailgate loader.

Only mature adults, age 18 and above, should install the AHT tailgate loader.

Installer should be well qualified for installing hydraulic equipment.

Installer should be well qualified for installing the electrical equipment.

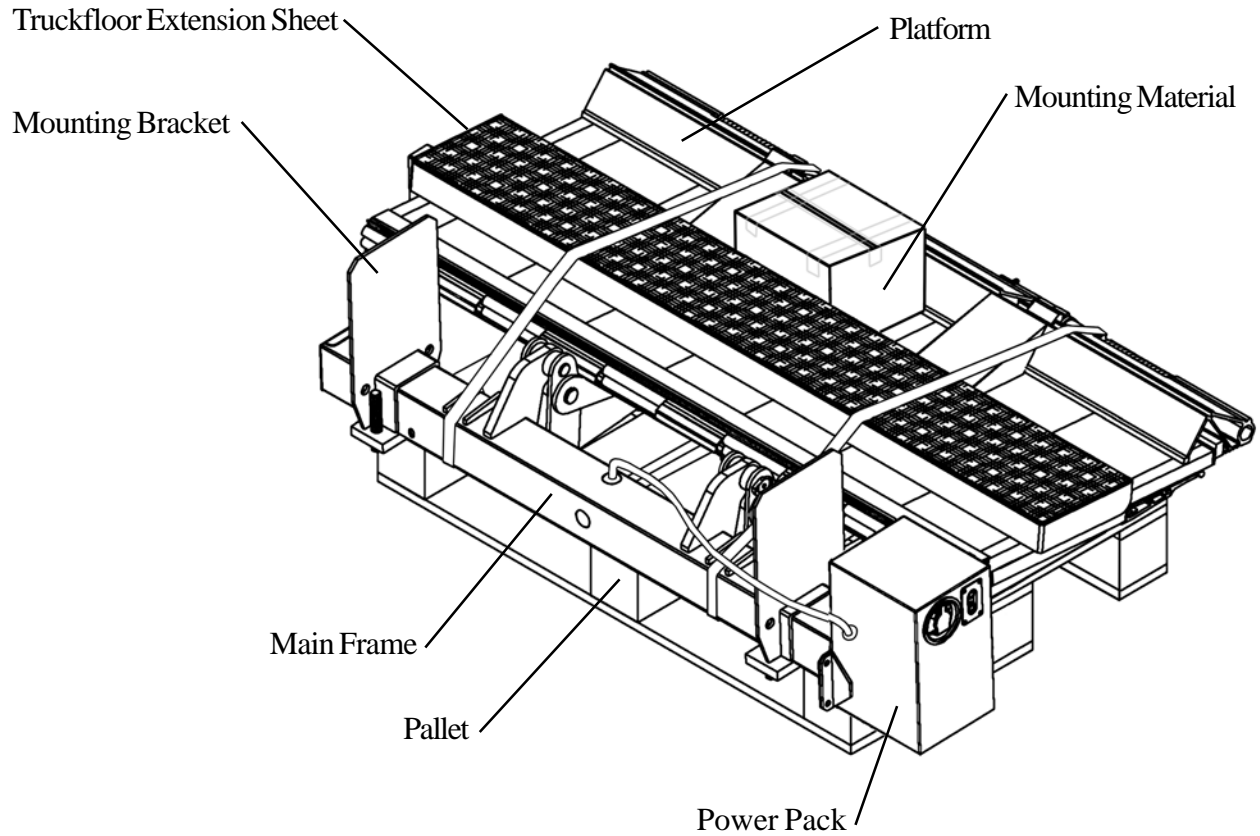
INSTALLATION GUIDELINES

- 1) Remove bumpers, lights, tool box etc. from rear of vehicle if necessary.
- 2) Install the truck floor extension on truck body.
- 3) Cut and shape the body and chassis to fit the tailgate.
- 4) Unfold the platform and place the mounting brackets on each side. Clamp the main frame onto the pallet.
- 5) Place the tailgate loader under the truck at its approximate location.
- 6) Energize the Power Pack.
- 7) Raise the platform above the pallet.
- 8) Install the mounting device.
- 9) Position the main frame to its final position.
- 10) Place the mounting brackets on the truck frame.
- 11) Remove mounting device and tilting lock.
- 12) Adjust the platform level.

UNPACKING THE TAILGATE LOADER

A complete unit will be shipped on one pallet consisting of:

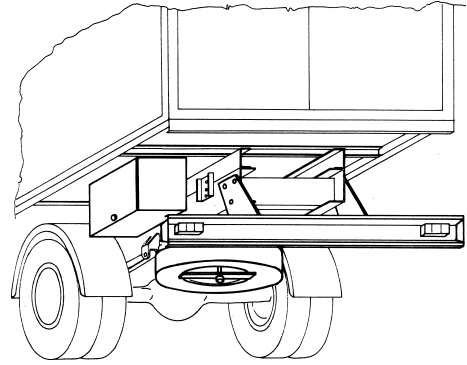
Main frame with lifting arms, cylinders, platform, power pack, mounting brackets, truck floor extension sheet, 2 button-remote-control, installation material and installation manual.



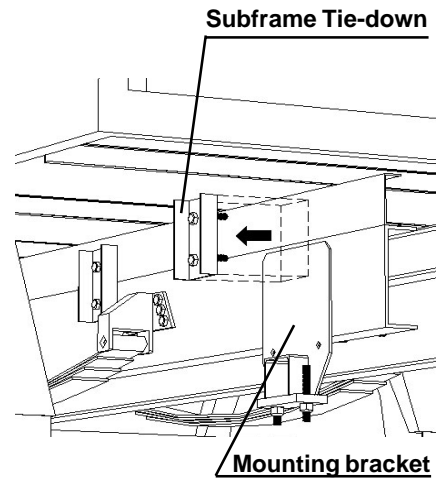
The tailgate loader is completely assembled and ready for use.

PREPARING FOR INSTALLATION

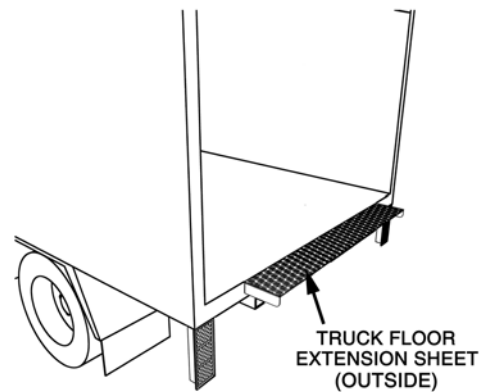
Remove rear lights, bumper, tool box and spare wheel, if necessary.
Disconnect the battery cable to prevent damage to the battery while welding.



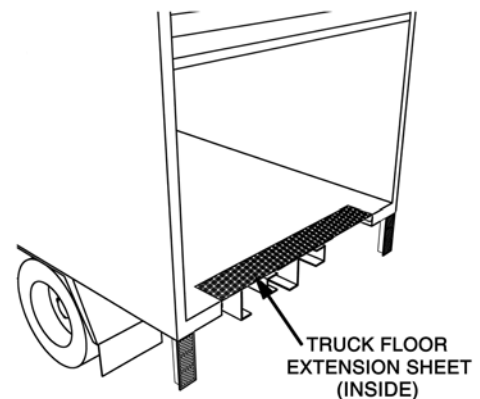
Remove any obstruction attached to the frame of the vehicle that would interfere with the installation. The mounting brackets will cover the mainframe and subframe.



The ATK-Tailgate requires a truck floor extension sheet at the rear of the vehicle. The extension sheet allows the required space for the platform to be stowed.



The extension sheet can be fitted inside of truck body.



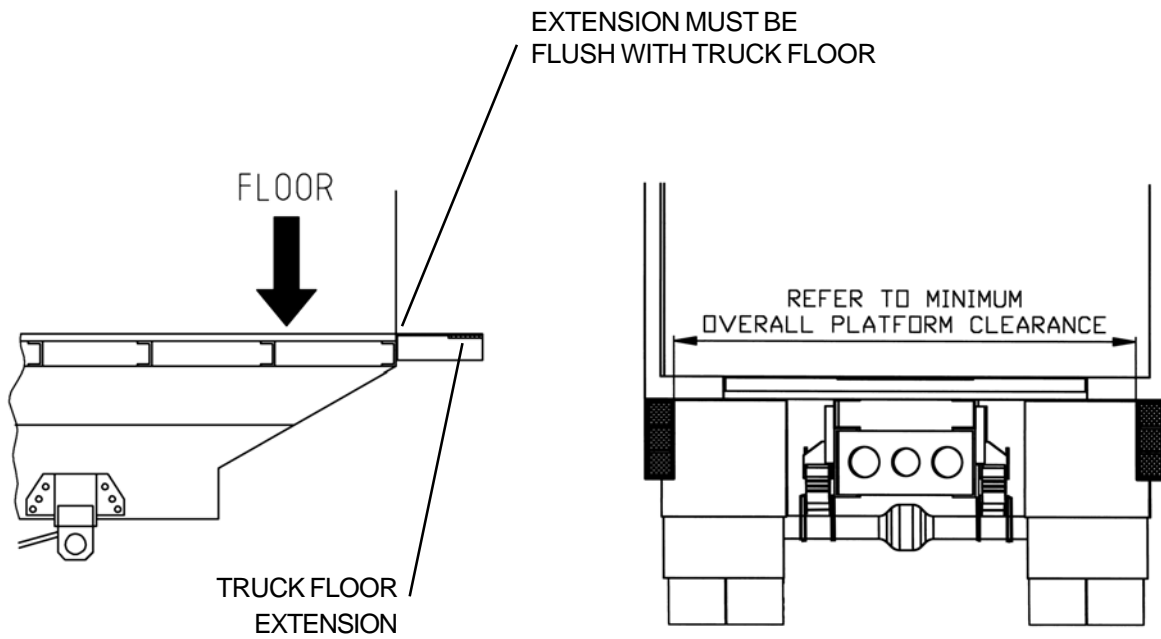
PREPARING FOR INSTALLATION

If truck floor extension sheet is installed at the rear of vehicle:

It's necessary to weld the truck floor extension onto the truck body.

WELDING DETAILS: STITCH WELD ONLY

* Weld 25mm Miss 300mm TOP AND BOTTOM AS REQUIRED



PREPARING FOR INSTALLATION

Cutting and shaping body and chassis to fit the ATK

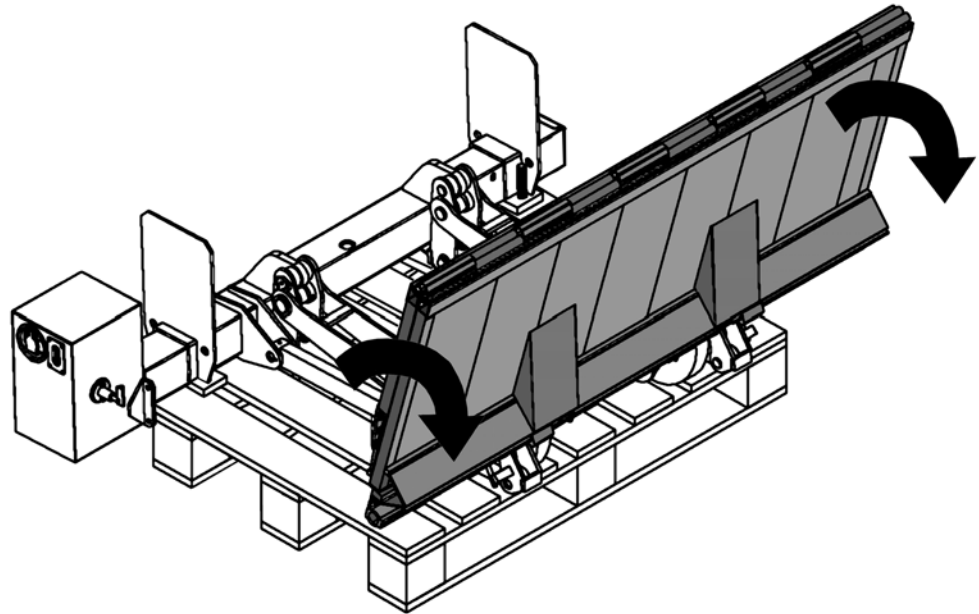
See the drawings "body preparation" from page 22, to shape the body to fit the folded tailgate.

Trim and grind all rough ends after cutting the chassis and the body before painting.

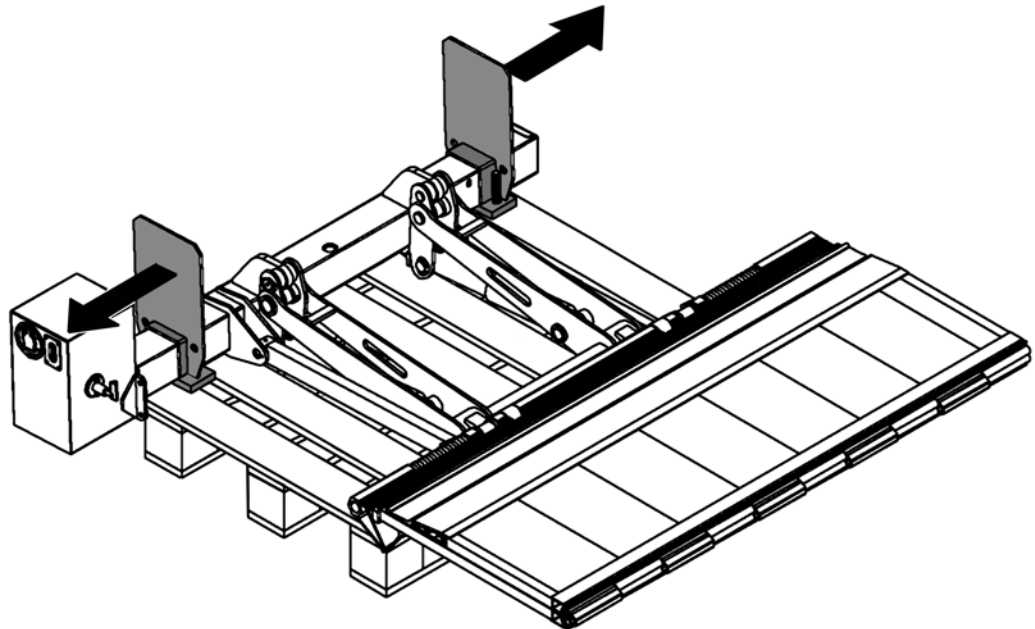
INSTALLATION INSTRUCTIONS

Tailgate Preparation

Unfold the platform (1 time). NOT COMPLETELY



Move the 2 mounting brackets away from the frame.

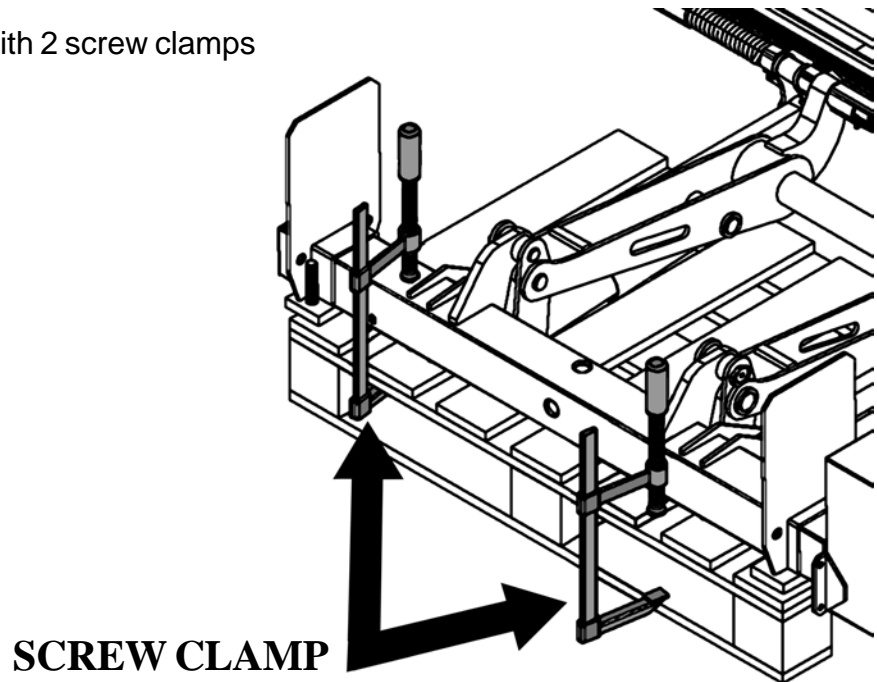


DON'T REMOVE PLATFORM, MOUNTING BRACKETS, PINS OR ANY OTHER PARTS.

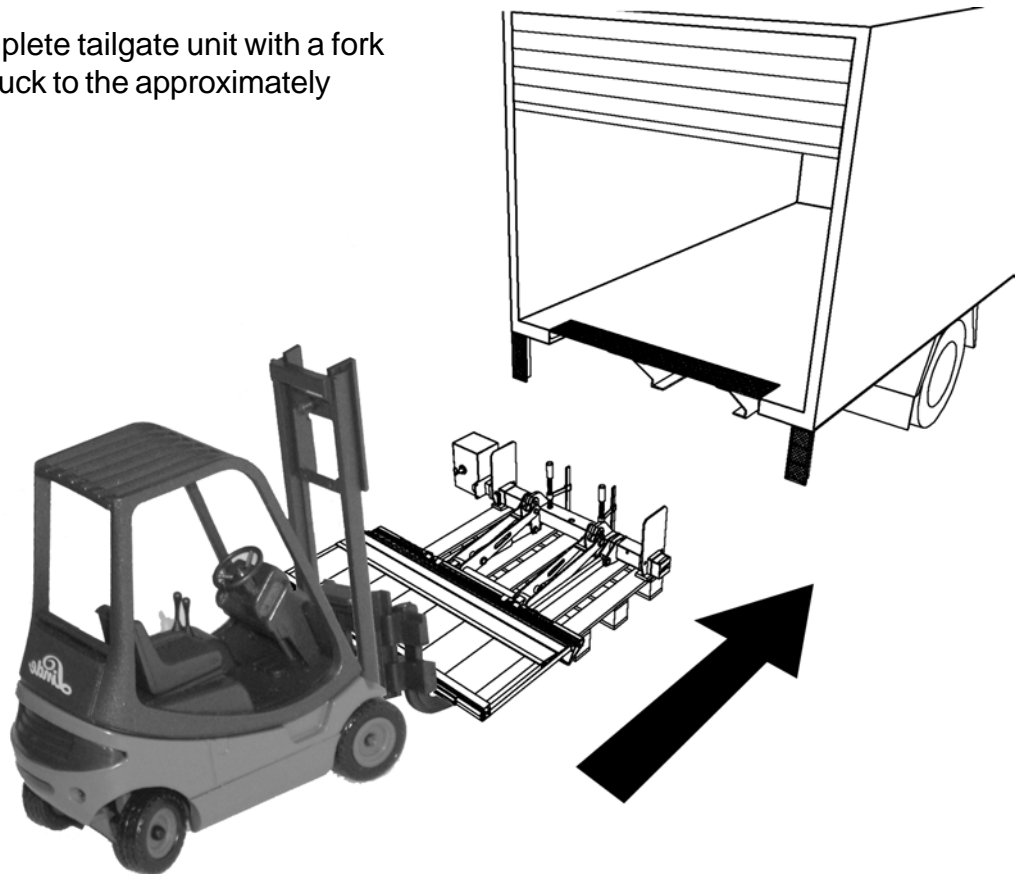
INSTALLATION INSTRUCTIONS

Position the tailgate unit

- Clamp the main frame with 2 screw clamps onto a pallet.



- Place the complete tailgate unit with a fork lift under the truck to the approximately position.



INSTALLATION INSTRUCTIONS

Energize the power pack

**CAUTION: REMOVE TRANSPORT FILLER CAP AND INSERT DIPSTICK:
(There is no air hole in filler cap and the pump or reservoir will be destroyed)**

Be sure the vehicle and the liftgate are of the same current (12V or 24V).

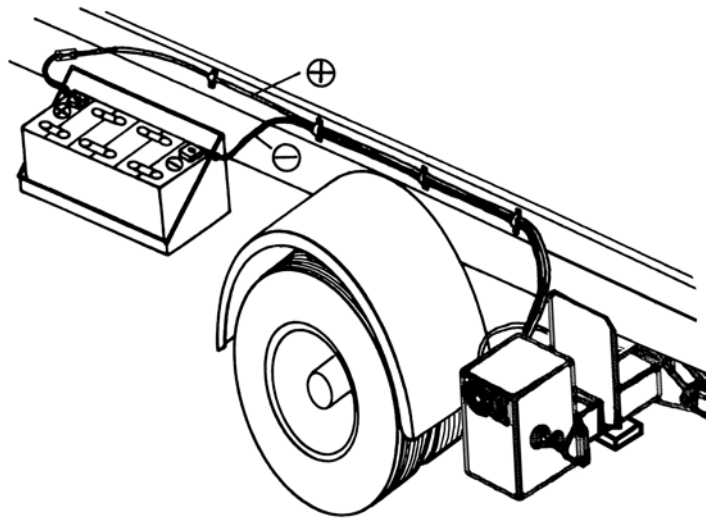
Fuse is in the power pack. (12V = 25 Amp and 24V = 16 Amp).

Connect the **positive cable, directly from the battery, to the starter solenoid.**

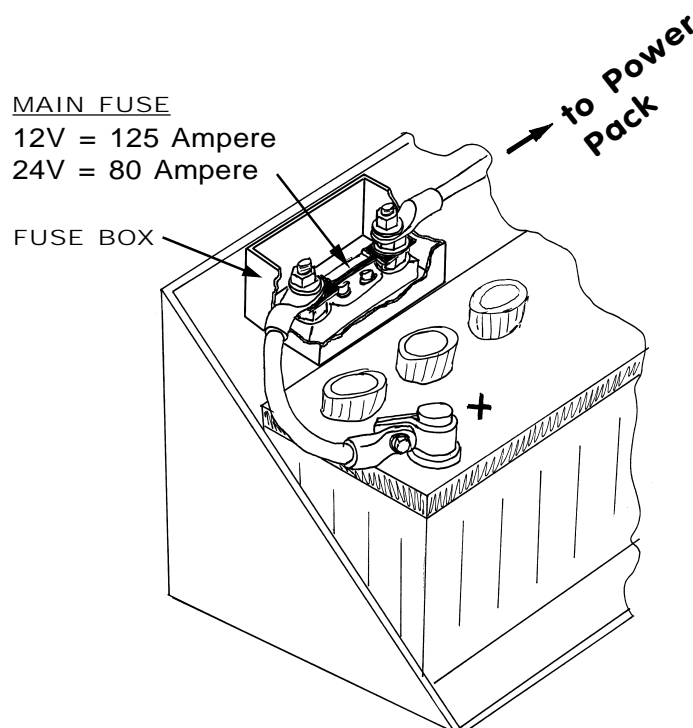
Connect the **negative cable, directly from the battery, to the motor ground.**

Complete all other electrical work. (Connect all control switches)

**CAUTION: REMOVE TRANSPORT FILLER CAP AND INSERT DIPSTICK:
(There is no air hole in transport filler cap and the pump or reservoir will be destroyed)**



- Build in between Battery (+) and (+)-Cable the Main Fuse



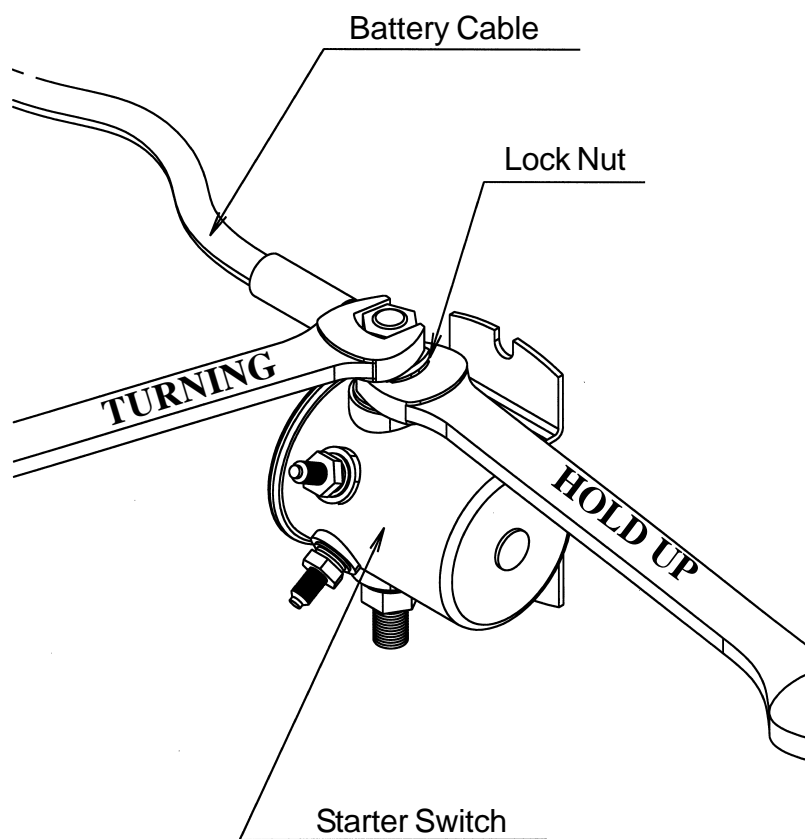
INSTALLATION INSTRUCTIONS

Correct wiring of the Power Pack

NOTE: All battery power leads must have a core area not less than 16mm² and be double insulated.

Connect both battery cables (+ and -) directly from the battery to the power pack.

ATTENTION: By fixing the battery cable on the starter switch, you must hold up the lock nut.

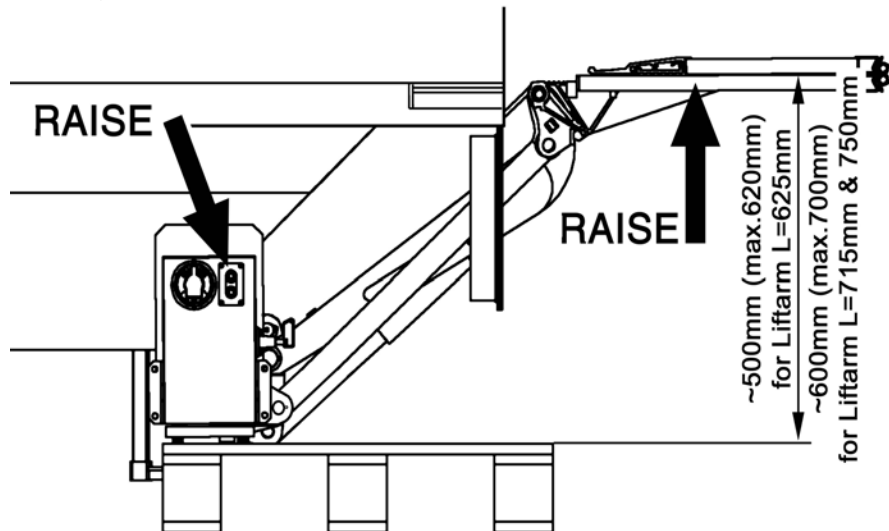


- * Energize the power pack and actuate each of the valves to be sure they are operating properly.
- * Please check the operating temperature regularly. It should not increase by more than -20°C to +70°C.
- * Check a new power pack for leakage after a short period of time. Tighten any fittings that may be leaking.

INSTALLATION INSTRUCTIONS

Position the Main Frame

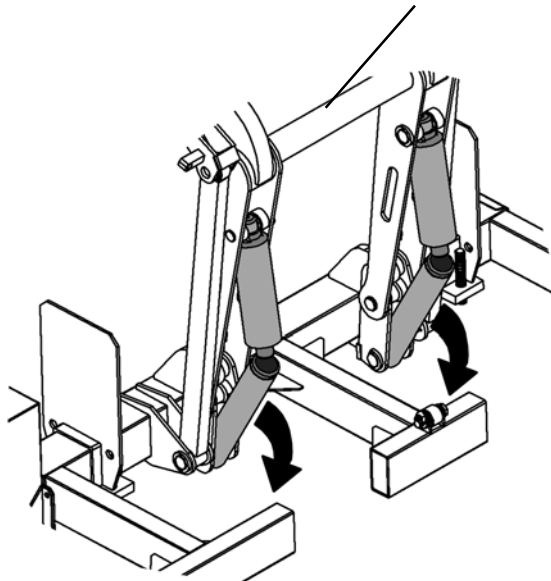
- Press the "RAISE"-Button to raise the platform approximately to the final position. (see the drawing below)



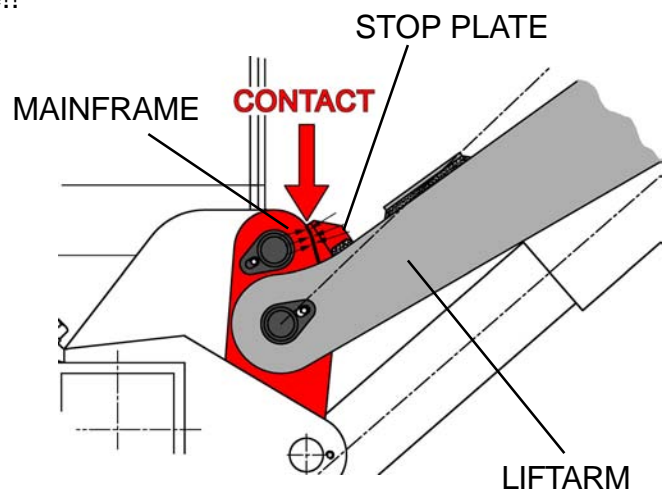
ATTENTION: Don't raise the platform higher than 620mm (Liftarm length=625) or 700mm (Liftarm length=715 & 750mm) above the pallet - lift cylinders are without end stop!!! Lift cylinder will be damaged!!!

FORBIDDEN

Never raise the liftarm at the stabilizer tube!!



FOR ALL MODELS FROM SERIAL NO. 8800

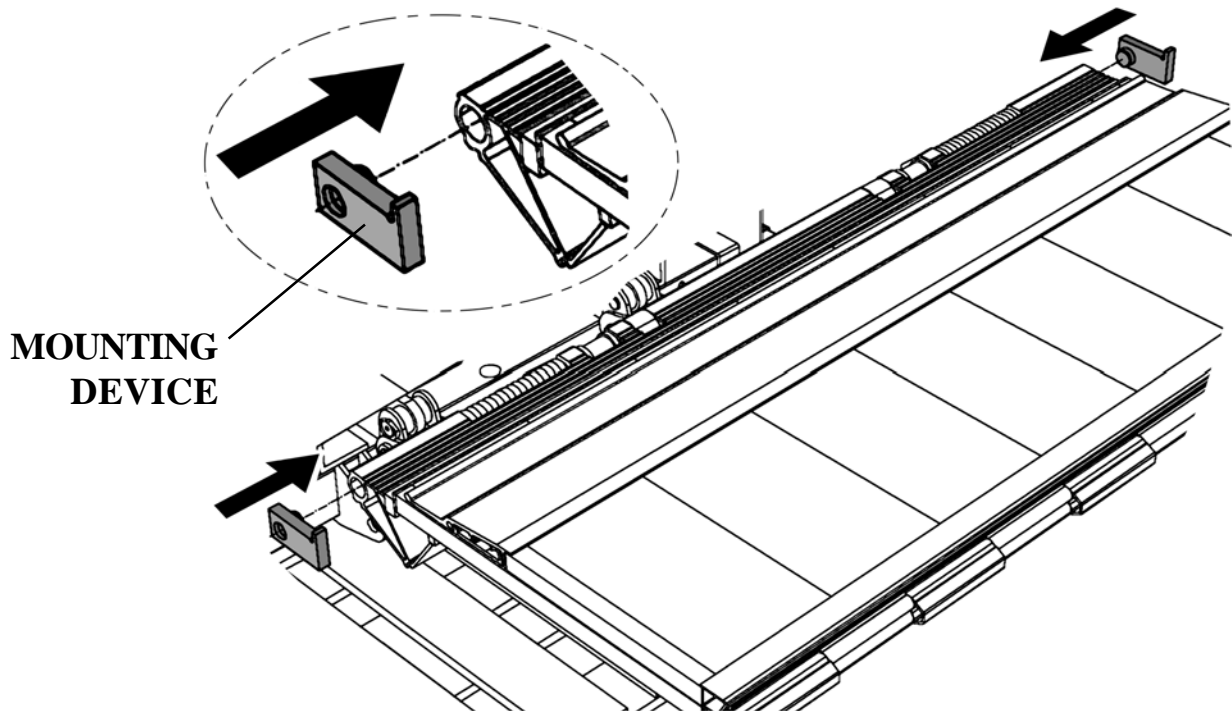


The maximum height is reached when the stop plate at the liftarm has a contact with the mainframe.

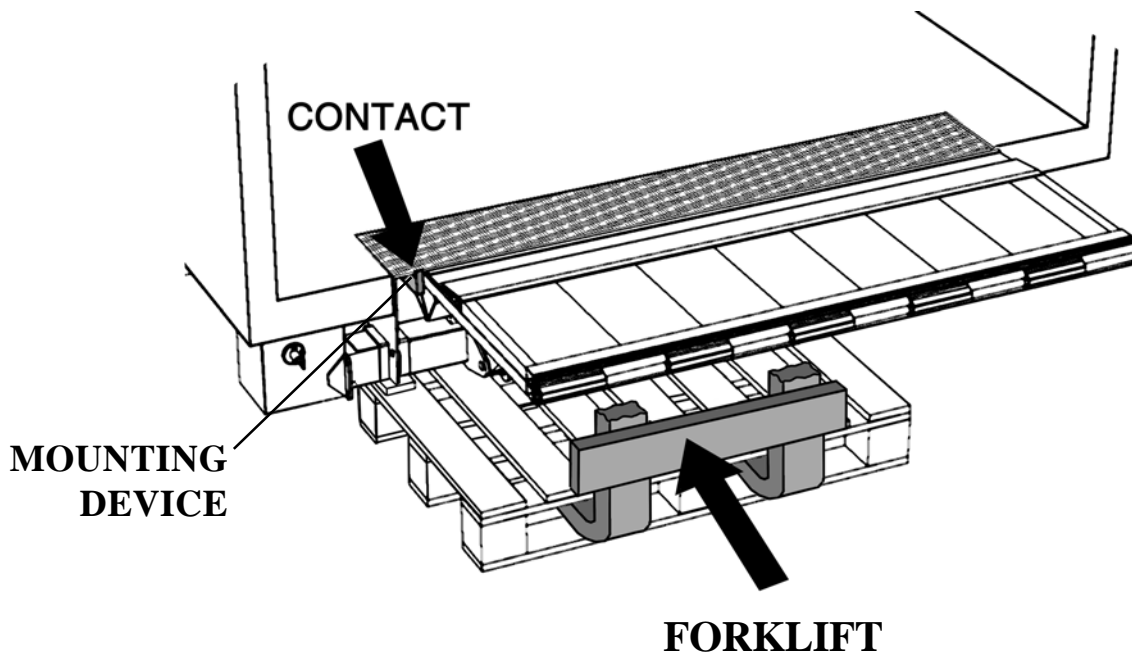
INSTALLATION INSTRUCTIONS

Installing the mounting device

- Install mounting device at platform bearing (on both sides) as shown in the picture below.



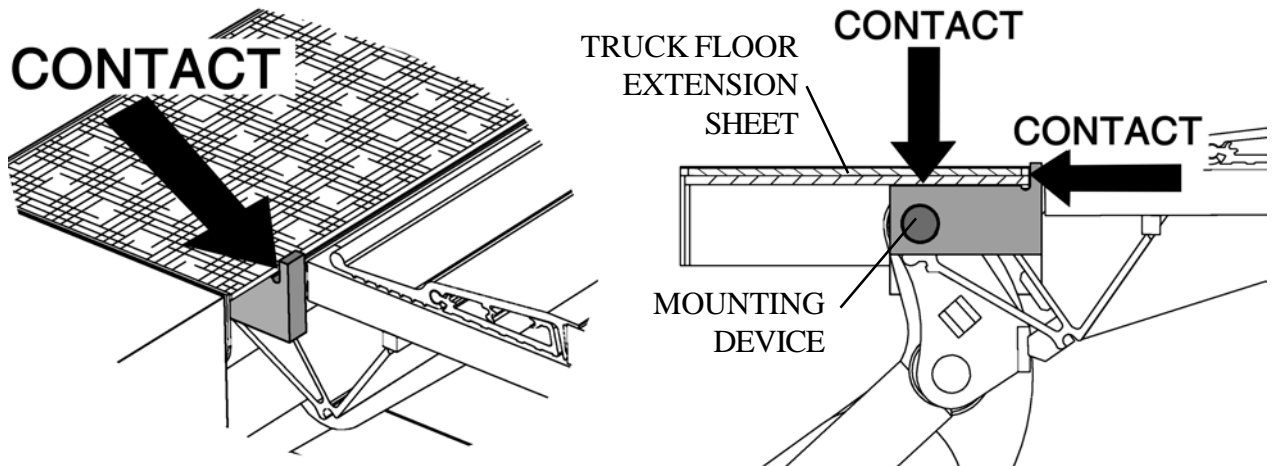
- Place the tailgate loader with a fork lift and the help of mounting devices to its final position (See drawings below). Be sure that the platform is in the middle of the truck body.



INSTALLATION INSTRUCTIONS

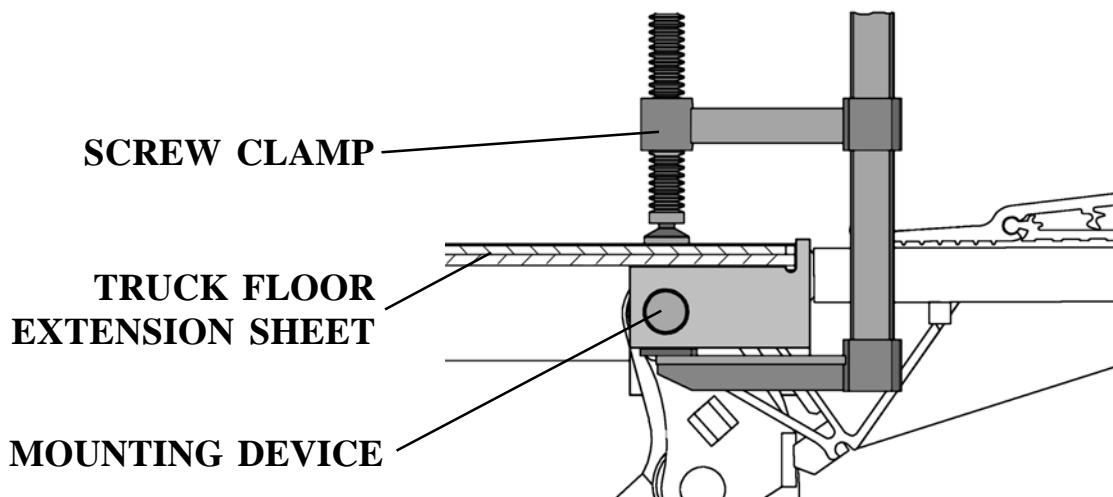
Installing the mounting device

- Be sure that both mounting devices make a contact with the truck floor extension sheet. (on lower and back side)



VERY IMPORTANT FOR CORRECT POSITION OF THE TAILGATE

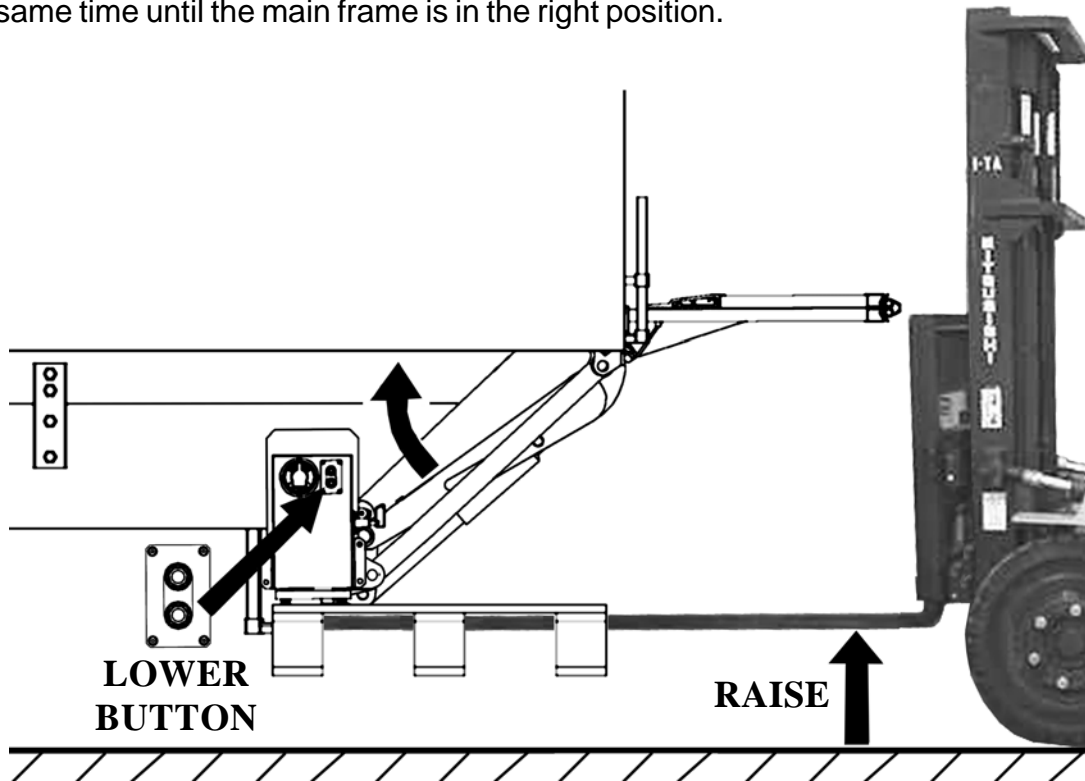
- If the tailgate loader is in the correct position, fix the mounting devices with screw clamps.



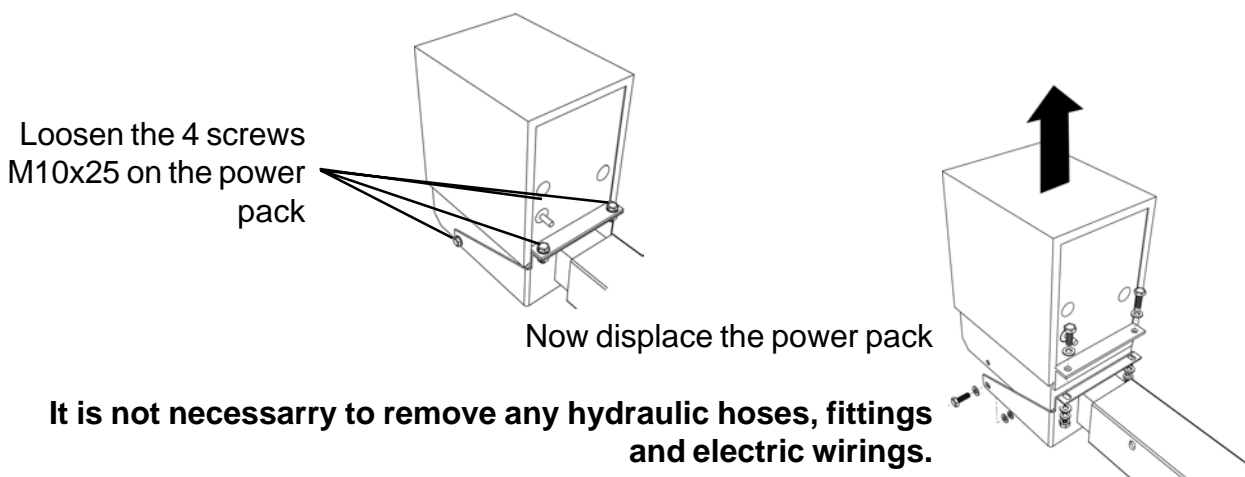
INSTALLATION INSTRUCTIONS

Position the main frame

- Press the "Lower"- Button and raise the complete tailgate unit with the forklift at the same time until the main frame is in the right position.



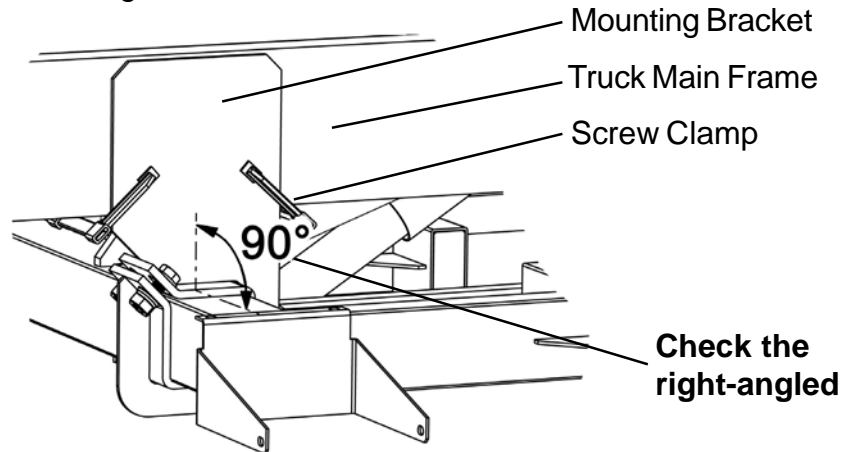
- Place the mounting brackets to its exact final position.
- Before you can fix the mounting brackets, you have to displace the power pack.



INSTALLATION INSTRUCTIONS

Install mounting brackets

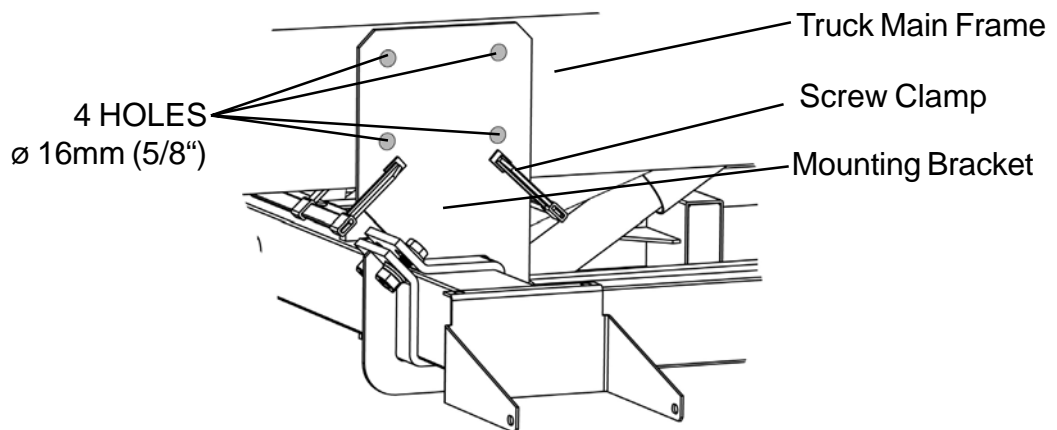
- Place the mounting brackets to its exact final position.
- Clamp the mounting brackets on the truck frame.



- Fix the mounting brackets on the main frame.
- Drill 16mm (5/8") holes into chassis and mounting brackets.

Screw M16 (5/8") is 8.8 Strength (Grade 8) -
Max. Torque 195 Nm (145 ft lbs.)

Drill two holes in each bracket, put a bolt in
each one and secure. Then drill the other holes.

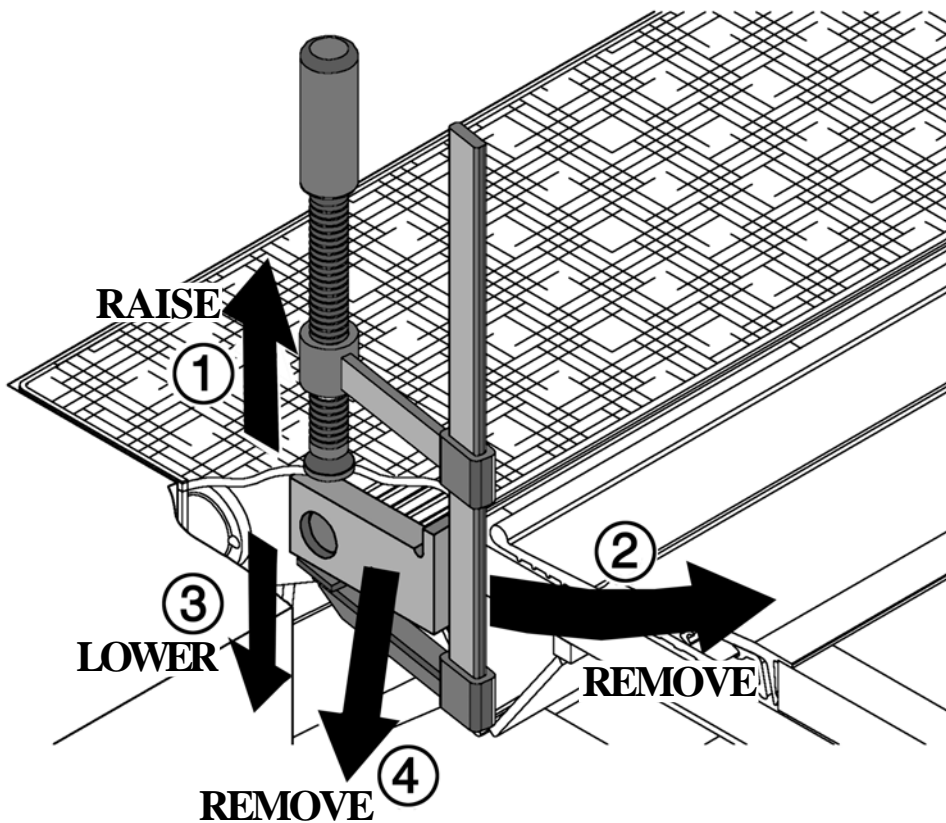


NUMBER OF SCREWS PER MOUNTING BRACKET: 4 pieces M16x50

INSTALLATION INSTRUCTIONS

Remove mounting device

- 1) Press the "Raise"-Button short.
- 2) Remove screw clamp.
- 3) Lower the platform for ~20cm by pressing the "Lower"-Button.
- 4) Remove mounting device.

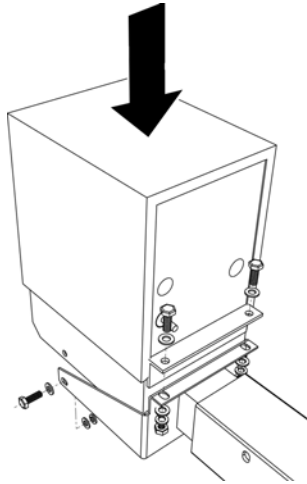


Remove all other screw clamps and the pallet.

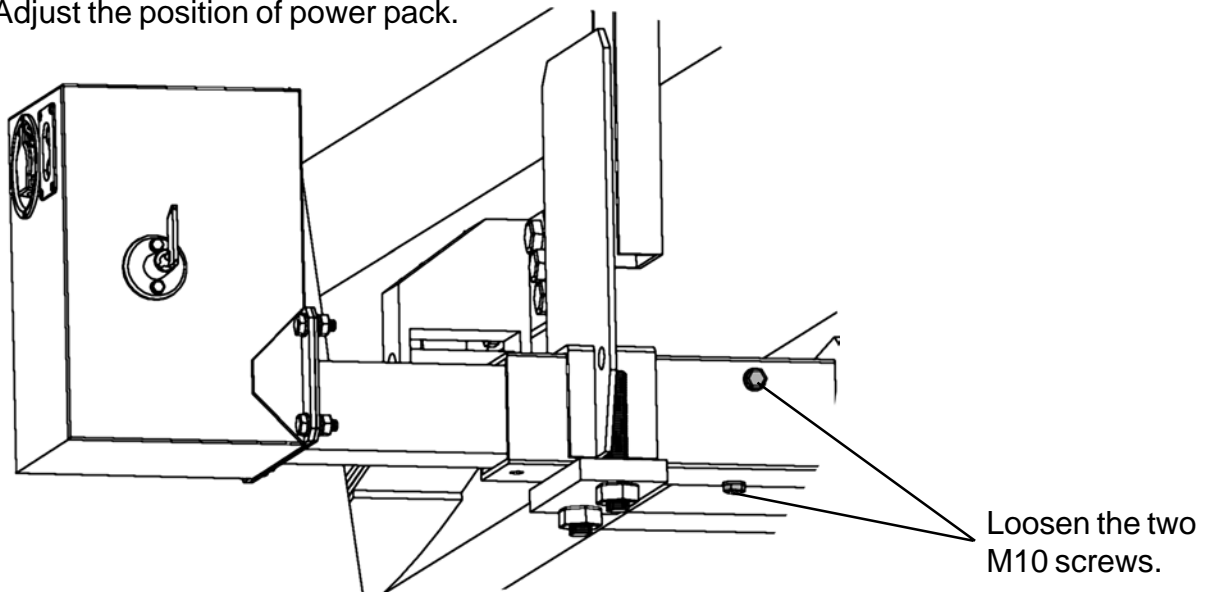
INSTALLATION INSTRUCTIONS

Adjust the position of power pack

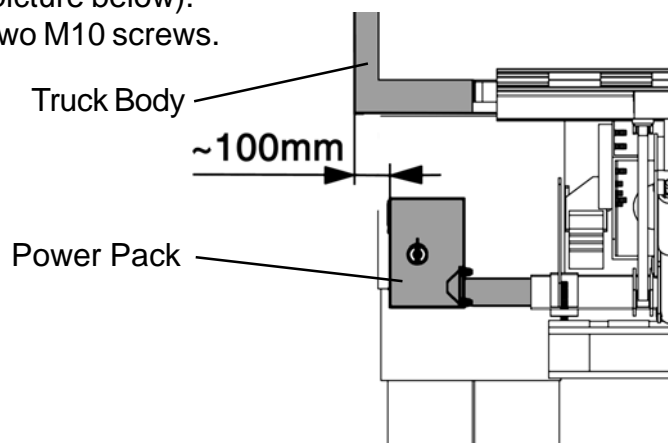
- Mount the power pack again. Fasten the 4 screws M10x35.



- Adjust the position of power pack.



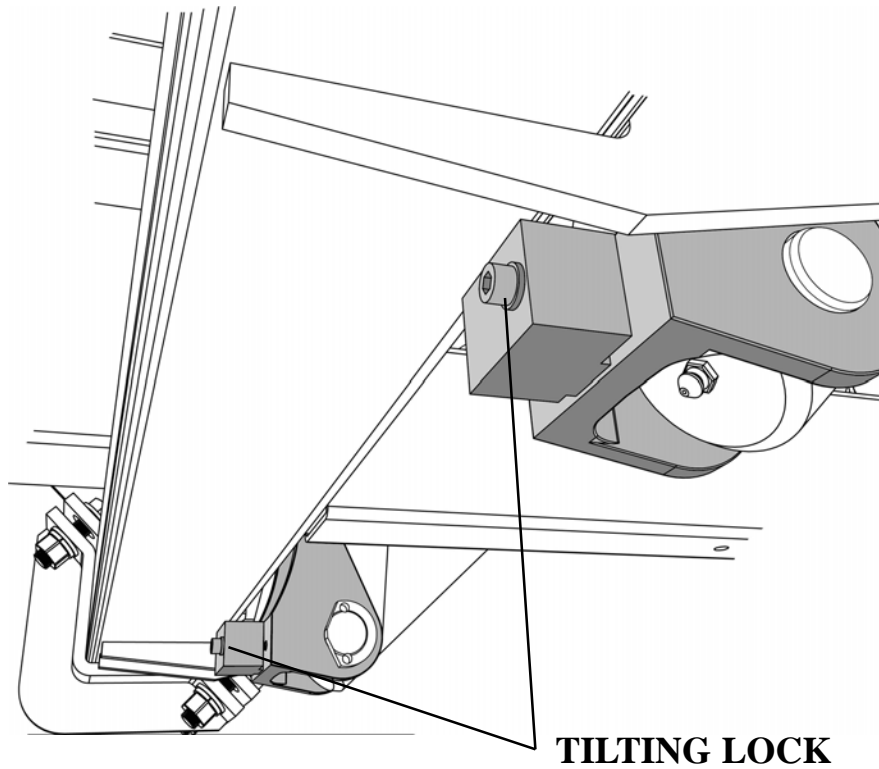
- Adjust the power pack to the right position (see in the picture below).
- Fasten the two M10 screws.



INSTALLATION INSTRUCTIONS

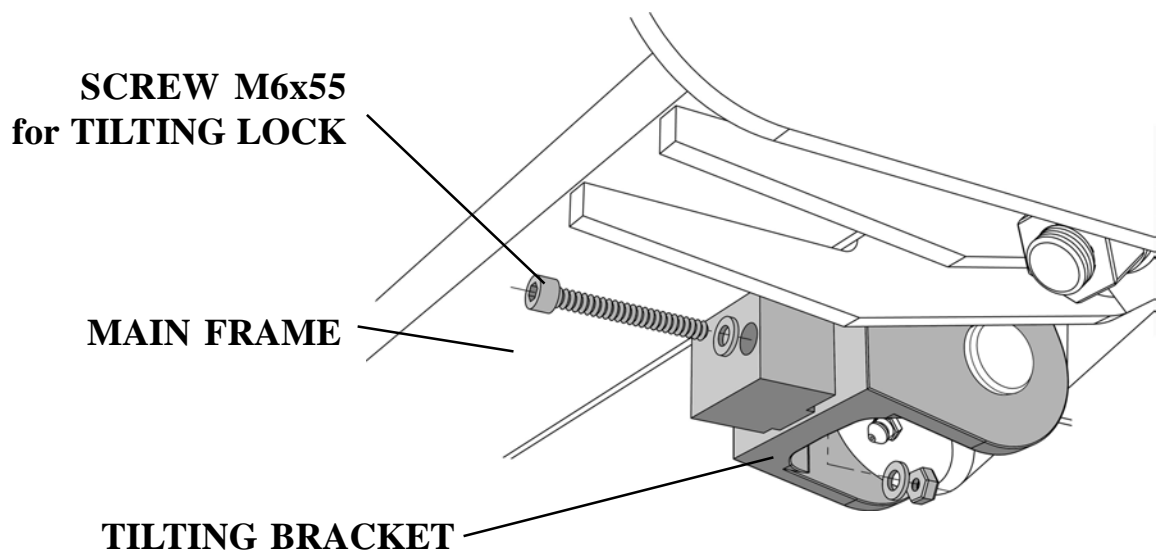
Remove Tilting Lock

The tilting lock prevents the automatic leveling from working until the installation is complete. It is the last thing to remove.



Remove the screw M6x55 on both sides.

(Before removing the screw M6x55 the platform must be raised from ground)

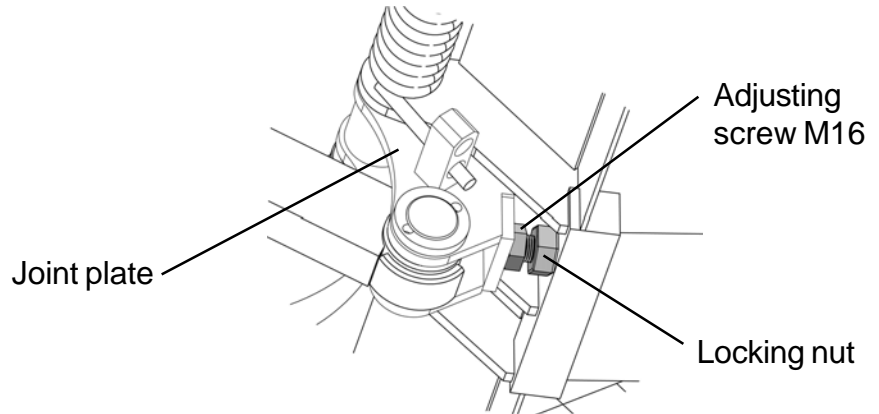


INSTALLATION INSTRUCTIONS

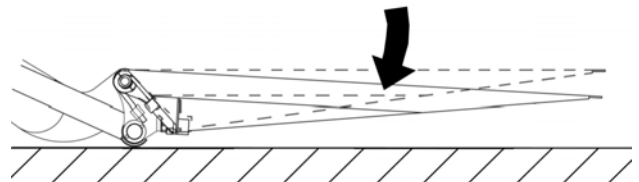
How to adjust the platform level

- Raise the platform nearly up to truck floor level.

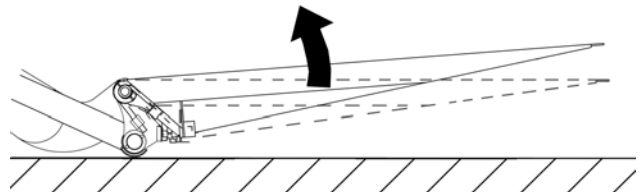
- Loosen the locking nut.
(on both sides)



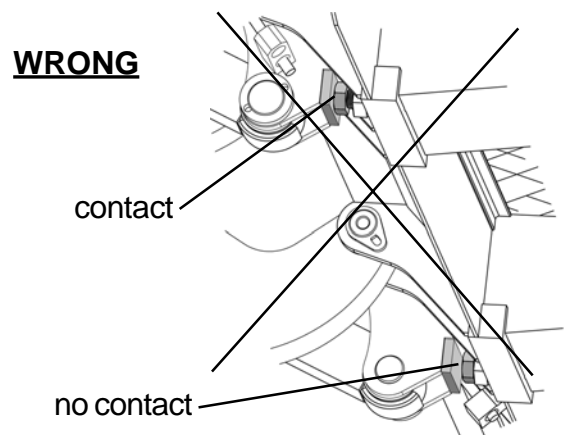
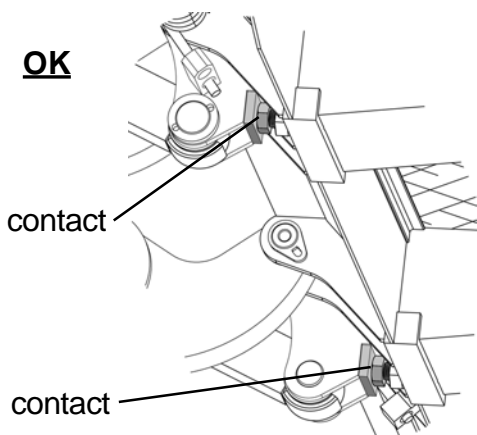
- Turn the adjusting screw clockwise for lower the platform tip
(on both sides)



- Turn the adjusting screw anti clockwise for raise the platform tip
(on both sides)



- Check the correct adjustment of the adjusting screws
On lower position, both adjusting screws must have contact with the joint plate.

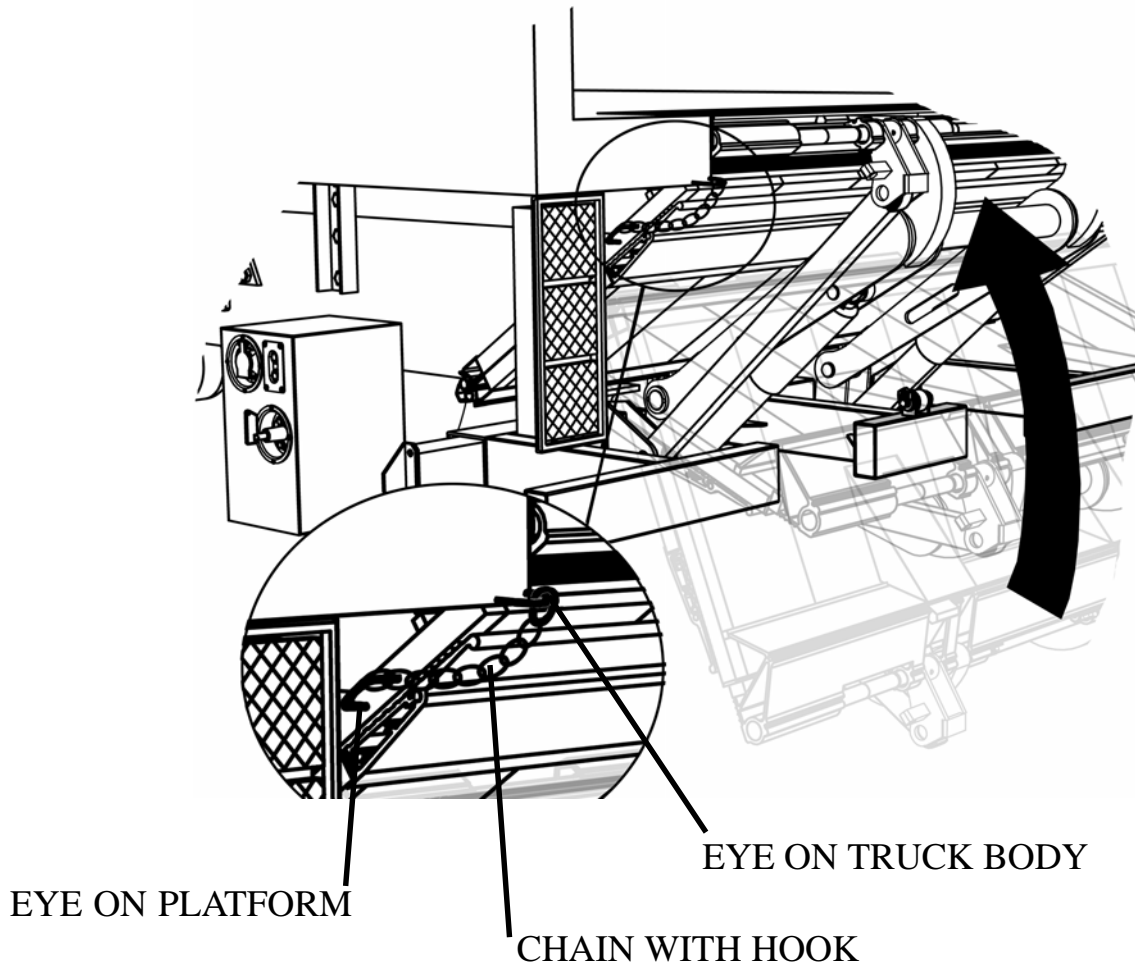


- If the platform level is correct, fasten the locking nut. (on both sides)

FINISHING THE INSTALLATION

Install a platform lock

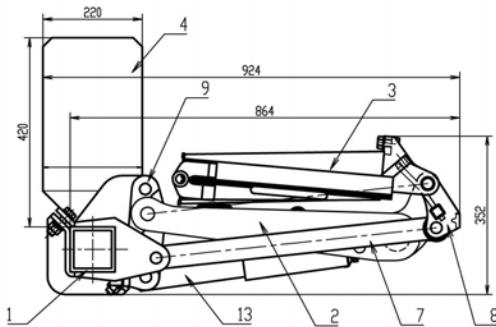
Mount a mechanical platform lock according to the picture below.



It's also possible to mount other forms of platform lock to prevent the tailgate against abnormal lowering.

MODEL: ATK-500ST/ST

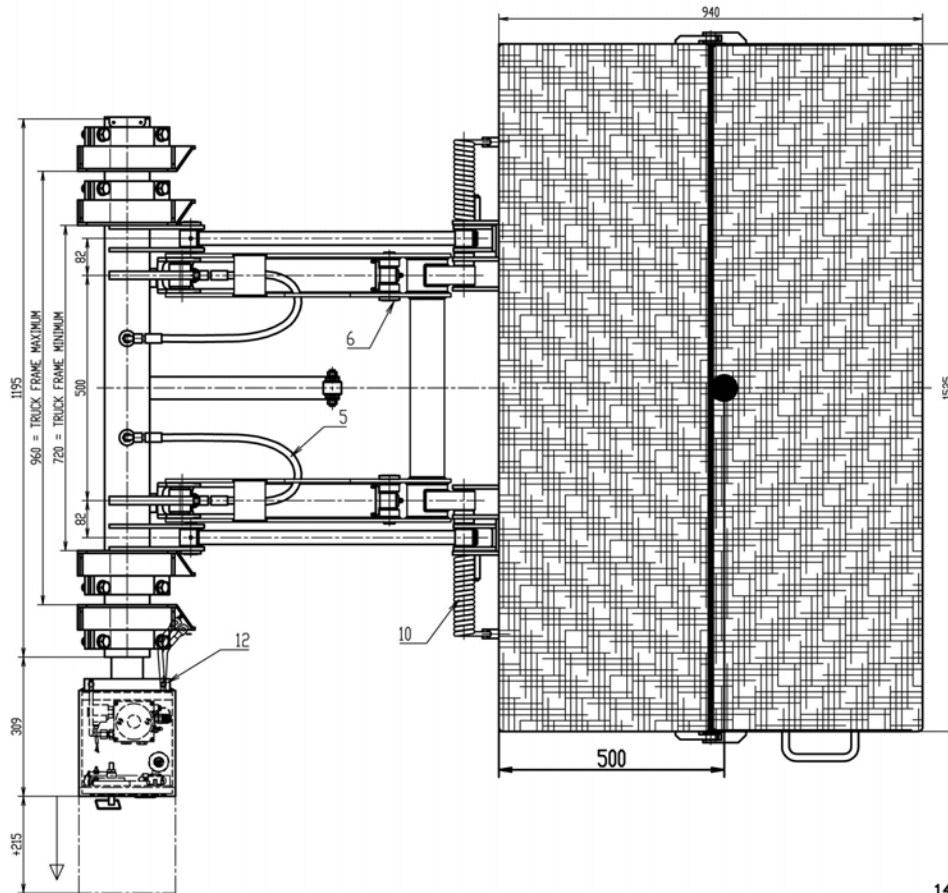
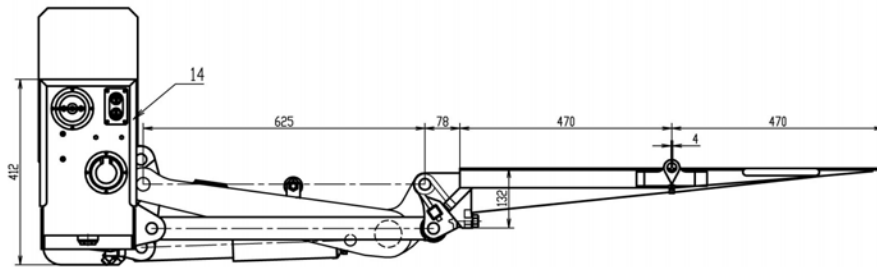
BASIC DIMENSIONS
for Liftarm: L=625mm and Platform: L=940mm



PART No.	PCS.	DESCRIPTION	DRAWING No.	WEIGHT
1	1	CROSS BEAM	ATK-752ST-1-MT/500A	37.0kg
2	1	LIFT ARM	ATK-752ST-2M/500	24.5kg
3	1	PLATFORM STEEL 1525x940	ATK-752ST-3	73.0kg
4	2	MOUNTING BRACKET	ATK-752ST-4(L/R)	20.0kg
5	1 SET	HYDRAULIC HOSE, OIL, + and - CABEL, ADDITIONAL PARTS	ATK-751ST-5	8.0kg
6	1 SET	BOLT ASSEMBLY	ATK-751ST/ST-6	8.0kg
7	2	LEVER ARM	ATK-752ST-7M	9.0kg
8	2	JOINT PLATE	ATK-752AL/G-8(L/R)	1.0kg
9	2	TILTING BRACKET	ATK-750AL/G-9(L/R)	1.7kg
10	2	TORSION SPRING	ATK-750-10(L/R)	2.8kg
11	1	TRUCK FLOOR EXTENSION SHEET	ATK-751ST-11	(21.0kg)
12	1	SLIDING BRACKET FOR POWER PACK	UTK-752ST-14	5.0kg
13	2	LIFT CYLINDER Ø35 with mech. hose burst valve	HZ-500AL-35M **	5.5kg
14	1	POWER PACK	MHW-TK-500	10.0kg

* READY FOR WORK; WITHOUT TRUCK FLOOR EXTENSION SHEET
** OPTION: with electrical hose burst valve (HZ-500AL-35E)

* **TOTAL WEIGHT 205.5kg**



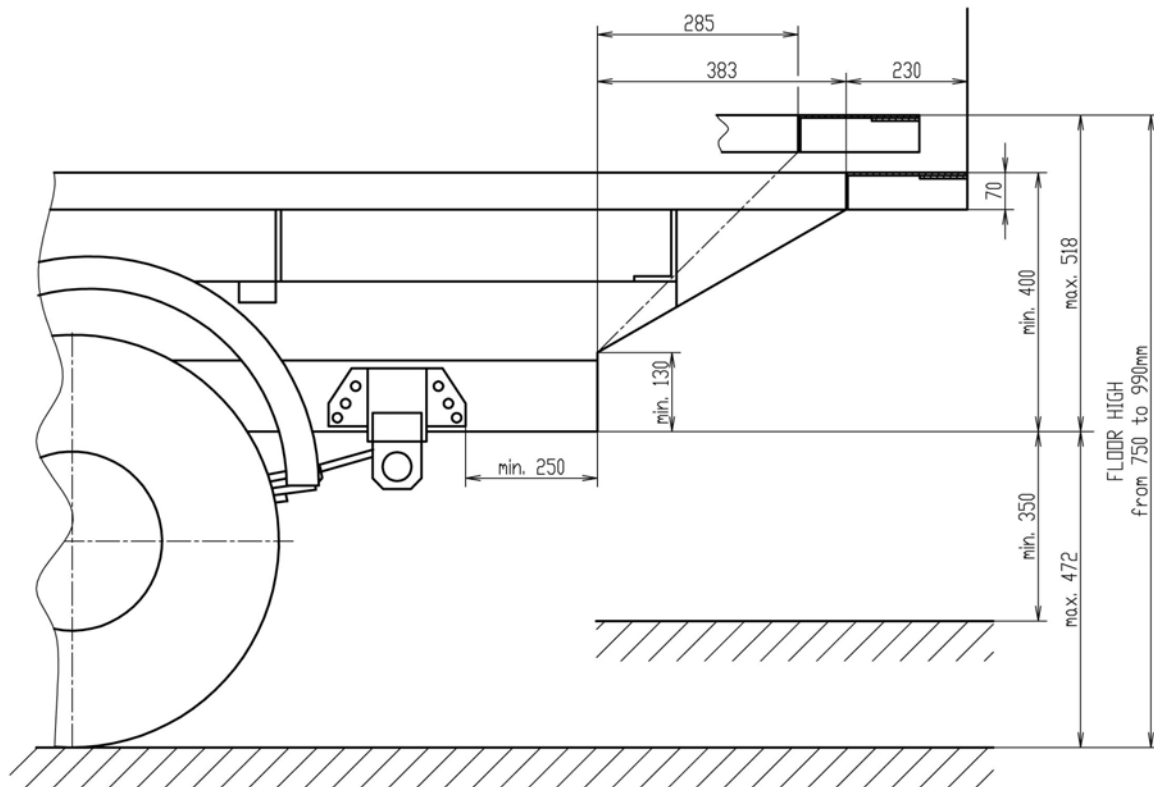
© Copyright by AHT 2007

14.01.2008
PAUL
FFAD: ATK-750ST
KINEMATIK

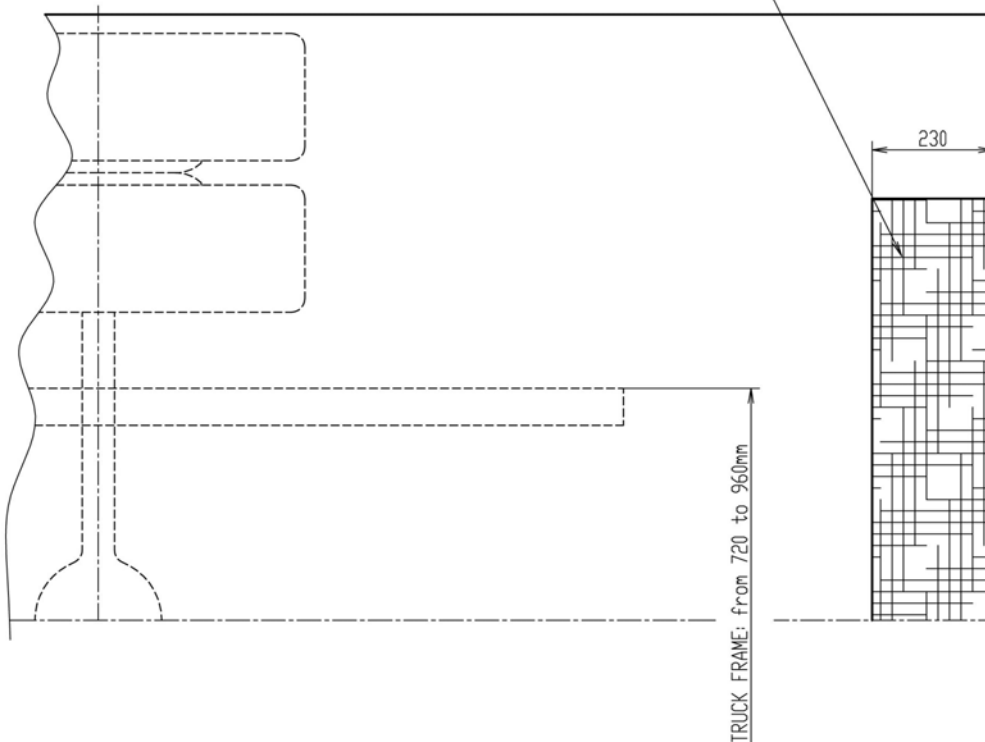
MODEL: ATK-500ST/ST

BODY PREPARATION

for Liftarm: L=625mm and Platform: L=940mm



WELDING THE
TRUCK FLOOR EXTENSION SHEET ATK-751ST-11
(SUPPLY SCHEDULE OF TAIL LIFT)



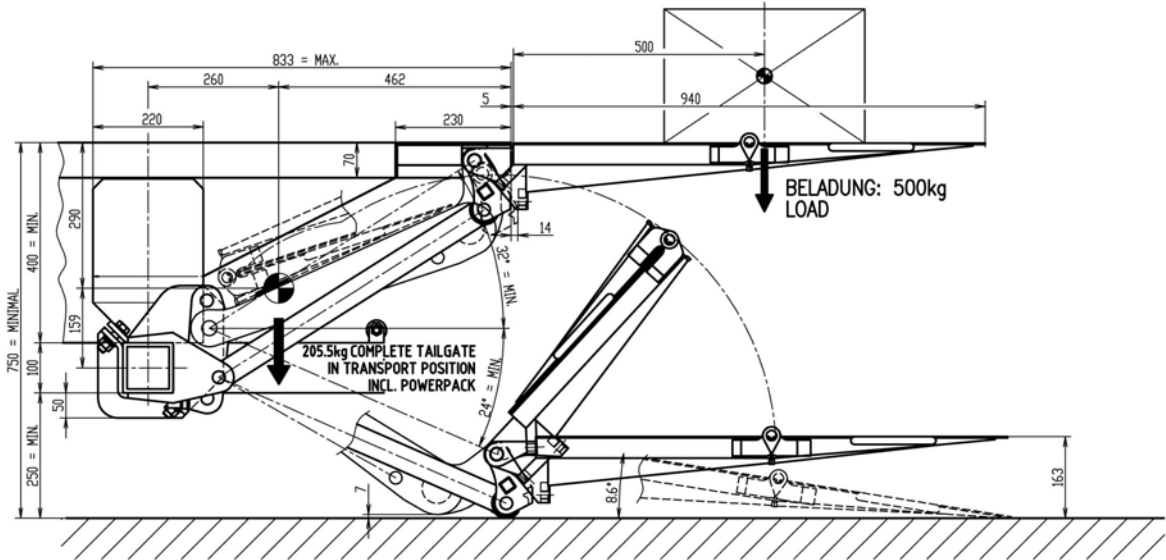
MODEL: ATK-500ST/ST

TAILGATE KINEMATICS

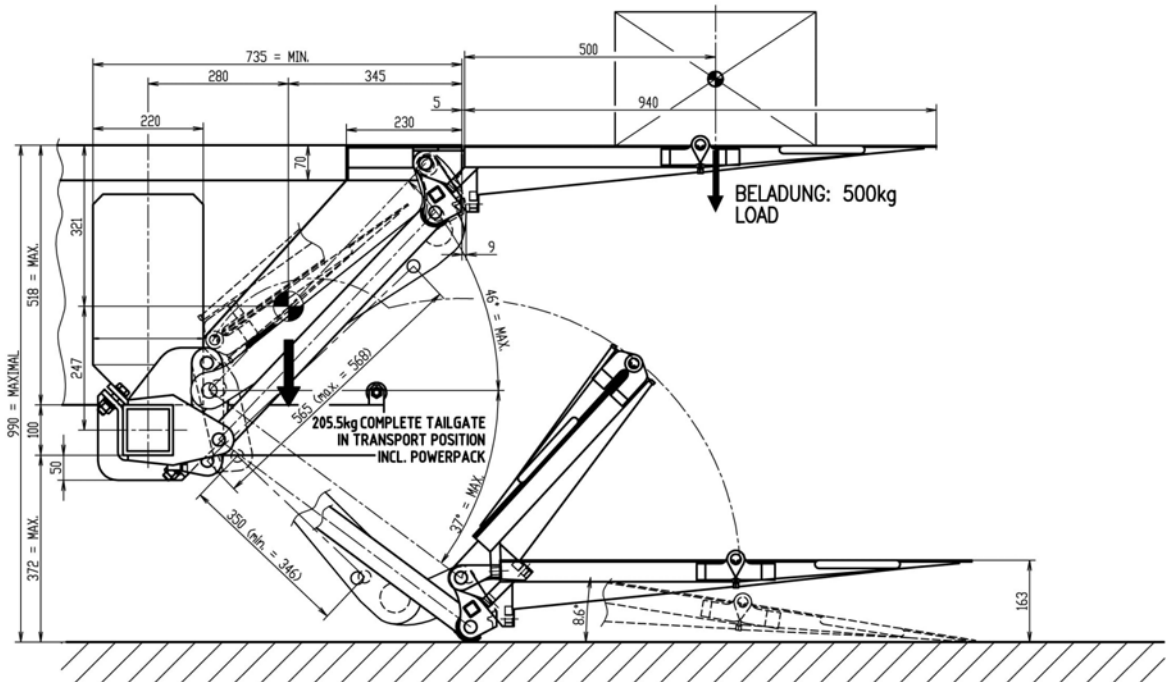
for Liftarm: L=625mm and Platform: L=940mm



MINIMUM MEASUREMENTS



MAXIMUM MEASUREMENTS



MODEL: ATK-500ST/ST

TAILGATE SPECIFICATIONS

for Liffarm: L=625mm and Platform: L=940mm



STANDARD SPECIFICATIONS

CAPACITY kg	500kg at 500mm Gravity Center
NOMINAL PLATFORM SIZE mm	1525 Width x 940 Length x 132 Depth
INSTALLED WEIGHT kg	205.5
FITTING REQUIREMENTS mm	990 Max. Height Unloaded 750 Min. Height Loaded 735 Min. Underbody Clearance Required*
ADDS TO VEHICLE mm	14

OTHER SPECIFICATIONS

WEIGHT	Unit & Cylinder kg	197.5	
	Installation Kit kg	8	
PLATFORM	Platform Thickness	3mm Chequer Plate with Fully welded Beams	
	Execution	folding in the Middle	
	Trolley Stops	No	
	Platform Angle	15% or 8.6°	
LIFT ARMS	Construction	2x8mm Steel Plate	
		40mm Steel Plate on the Platformside	
	Arm Depth mm	96	
	Arm Length mm	625	
	Re-Bushable	Yes	
MAIN FRAME	Overall width mm	596	
	Construction	100mm x 100mm x 8	
PINS	Bracket Thickness mm	6	
	Material	Ø25; Ø30mm Hard Chrome Plated	
	Grease Nipples	Yes	
BUSHES	Pinlock and Srews	Stainless steel	
		Steel Teflon Coated	
HYDRAULIC	Power Pack	M.H.W.	
	Weather Proof Alum Enclosure and Sound Proof	Included	
	Motor Size	0.8kW	
	All Aluminum Cylinder:	Quantity	Two (2) Lift
		Size	Ø35mm; max. Stroke:222mm
		Quality	Cylinder are all Aluminium Piston are all Ceramic plated and Teflon Sealed for Long Life
	Hose Burst Valve	one mechanical hose burst valve on each Cylinder	
	Leak Proof Check Valve	Included	
	Hoses	Ø6mm (1/4") Thermo Plastic 2pcs. L=750mm; 1pcs. L=1000mm	
	Flow Control	Pressure Compensating	
Oil Type	Hydraulic Oil 22cSt		
OPERATION	Lift Operation	Power up/Gravity down	
	Tilting Operation	automatical mechanical Tilting on the ground floor	
	Closing Operation	manual Closing	
	Locking Device	Lock between Truck Frame and folded Platform	
CONROLS	Battery Isolation Switch	Integral to Power Pack	
	Fixed Control	2 Button on Power Pack	
	Removable Remote Push Button	2 Button Hand Held c/w 3m Lead	
	Safety Plug	Yes	
	Base	Yes (Flush Mounted)	

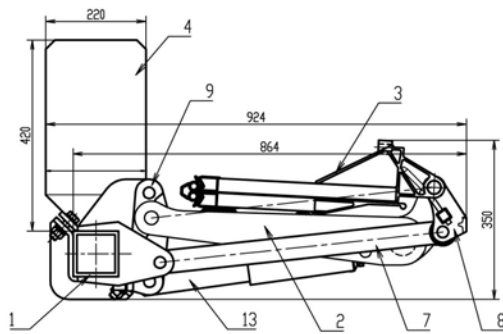
* Subject to Vehicle Type & Floor Height

15.01.2008
PAUL
PFAD: ATK-750
KONEMARK

MODEL: ATK-500ST/AL

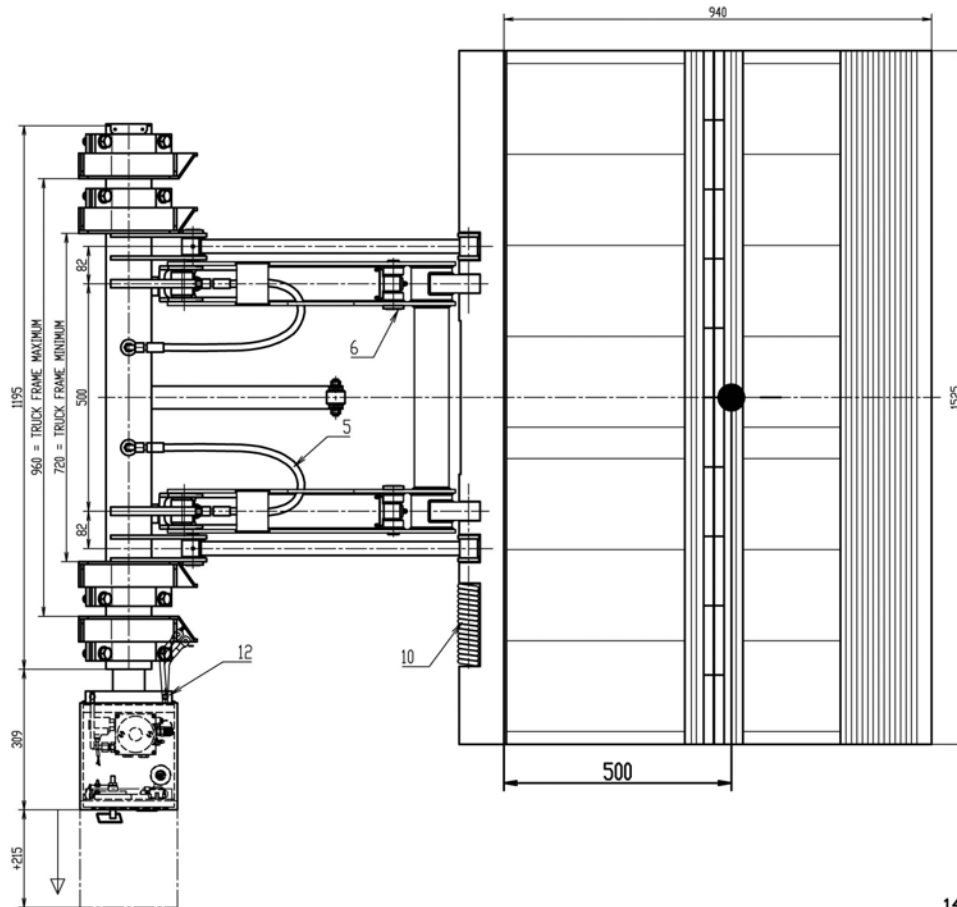
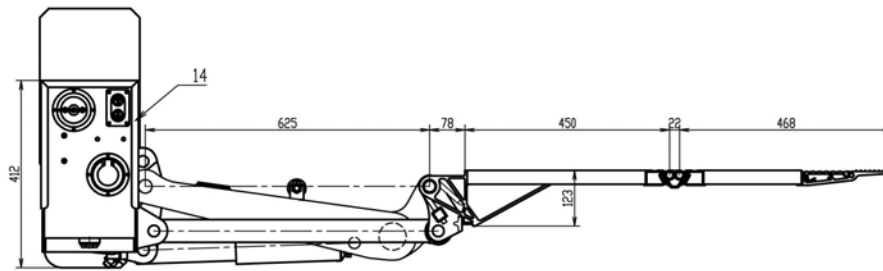
BASIC DIMENSIONS

for Liftarm: L=625mm and Platform: L=940mm



PART No.	PCS.	DESCRIPTION	DRAWING No.	WEIGHT
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2	1	LIFT ARM	ATK-752ST-2M/500	24.5kg
3	1	PLATFORM ALUMINUM 1525x940	ATK-752AL-3	42.0kg
4	2	MOUNTING BRACKET	ATK-752ST-4L(R)	20.0kg
5	1 SET	HYDRAULIC HOSE, OIL, + and - CABEL, ADDITIONAL PARTS	ATK-751ST-5	8.0kg
6	1 SET	BOLT ASSEMBLY	ATK-751ST/AL-6	6.5kg
7	2	LEVER ARM	ATK-752ST-7M	9.0kg
8	2	JOINT PLATE	ATK-752AL/G-8L(R)	1.0kg
9	2	TILTING BRACKET	ATK-750AL/G-9L(R)	1.7kg
10	1	TORSION SPRING	ATK-750-10L(R)	1.4kg
11	1	TRUCK FLOOR EXTENSION SHEET	ATK-751ST-11	(21.0kg)
12	1	SLIDING BRACKET FOR POWER PACK	UTK-752ST-14	5.0kg
13	2	LIFT CYLINDER $\phi 35$ with mech. hose burst valve	HZ-500AL-35M **	5.4kg
14	1	POWER PACK	MHW-TK-500	10.0kg

* READY FOR WORK; WITHOUT TRUCK FLOOR EXTENSION SHEET *TOTAL WEIGHT 171.5kg
 ** OPTION: with electrical hose burst valve (HZ-500AL-35E)



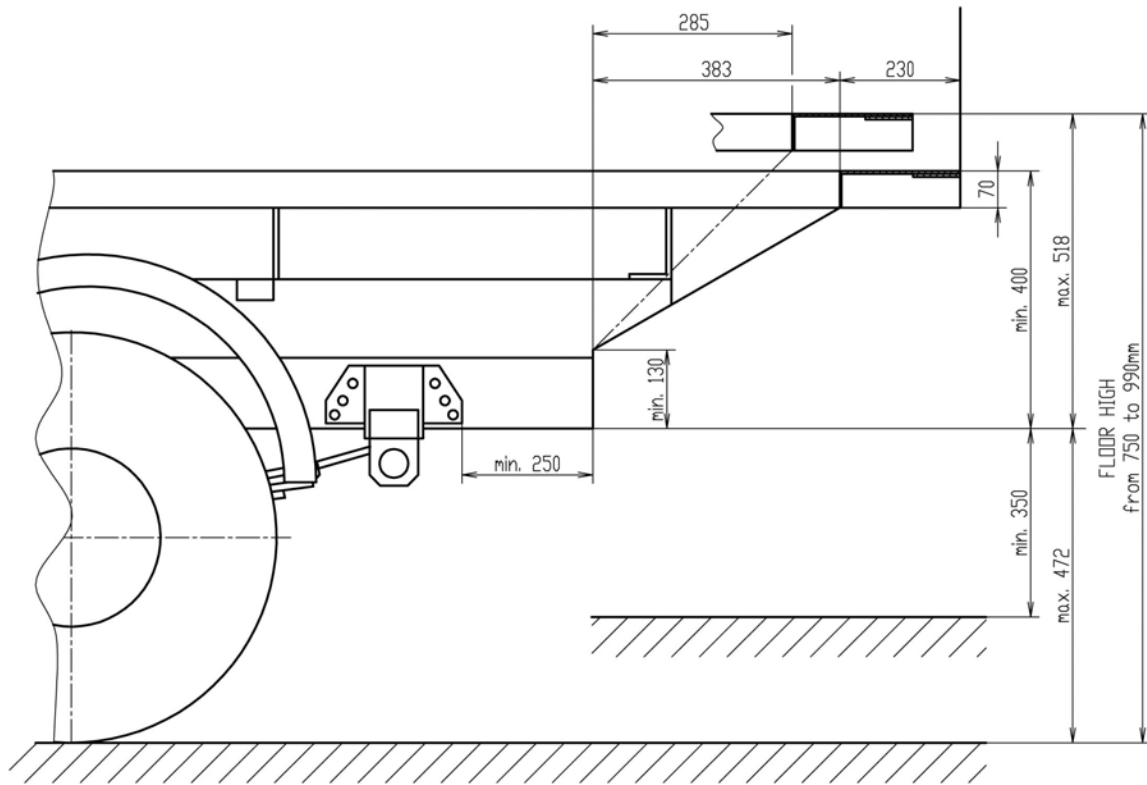
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14.01.2008
 PAUL
 PPA: ATK-750ST
 KINEMATIC

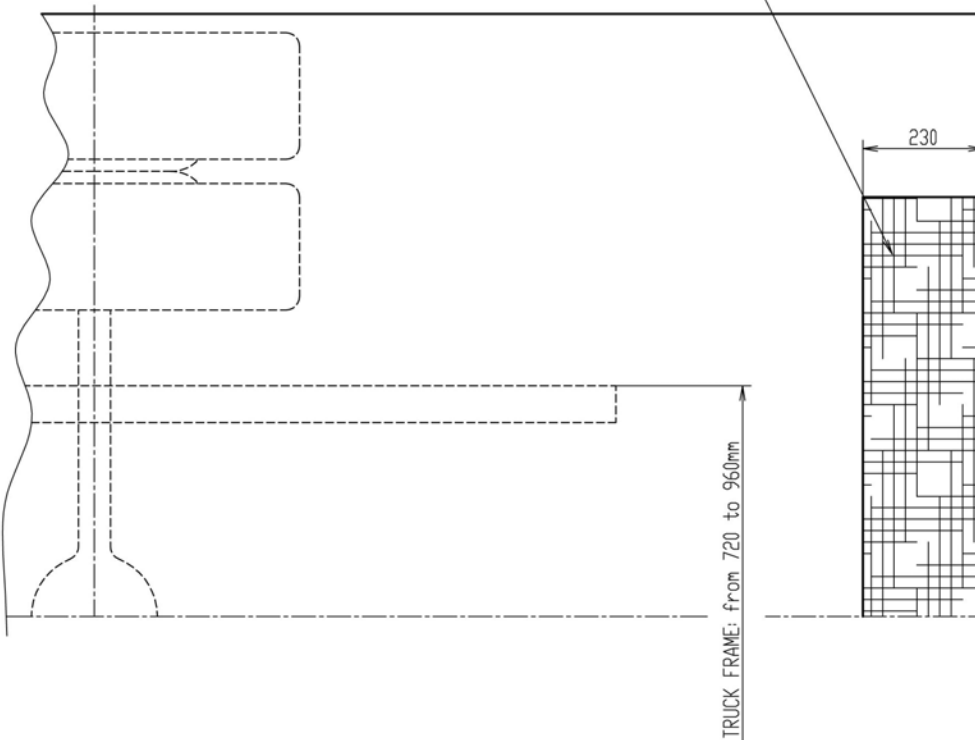
MODEL: ATK-500ST/AL

BODY PREPARATION

for Liftarm: L=625mm and Platform: L=940mm



WELDING THE
TRUCK FLOOR EXTENSION SHEET ATK-751ST-11
(SUPPLY SCHEDULE OF TAIL LIFT)



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15.01.2008
PAUL
PFAD: ATK-750
L- KINEMATIK

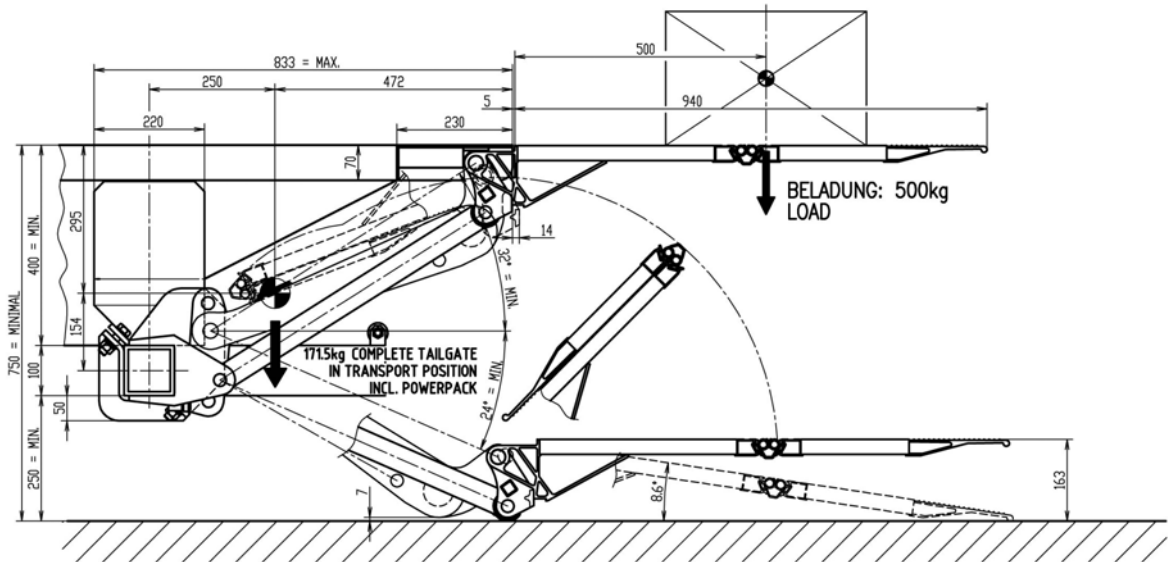
MODEL: ATK-500ST/AL

TAILGATE KINEMATICS

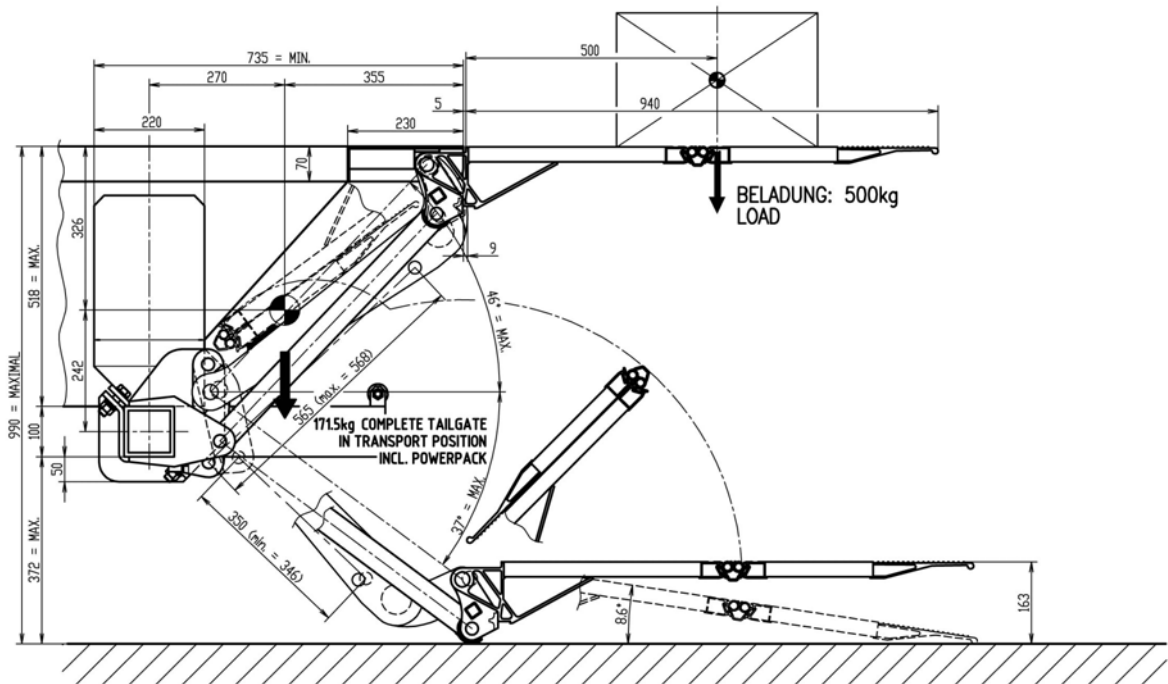
for Liftarm: L=625mm and Platform: L=940mm



MINIMUM MEASUREMENTS



MAXIMUM MEASUREMENTS



MODEL: ATK-500ST/AL

TAILGATE SPECIFICATIONS

for Liftarm: L=625mm and Platform: L=940mm



STANDARD SPECIFICATIONS

CAPACITY kg	500kg at 500mm Gravity Center
NOMINAL PLATFORM SIZE mm	1525 Width x 940 Length x 123 Depth
INSTALLED WEIGHT kg	171.5
FITTING REQUIREMENTS mm	990 Max. Height Unloaded 750 Min. Height Loaded 735 Min. Underbody Clearance Required*
ADDS TO VEHICLE mm	14

OTHER SPECIFICATIONS

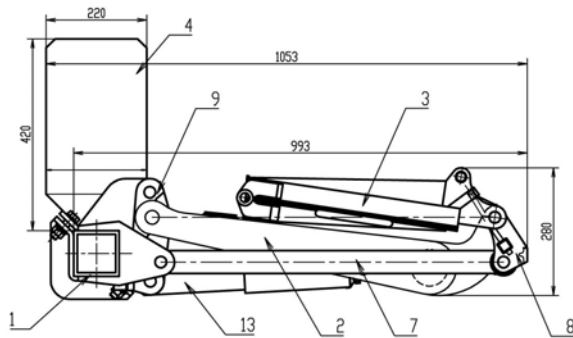
WEIGHT	Unit & Cylinder kg	163.5
	Installation Kit kg	8
PLATFORM	ALUMINIUM EXTRUSION PROFILE	30 mm thick
	Execution	folding in the Middle
	Trolley Stops	No
	Platform Angle	15% or 8.6'
LIFT ARMS	Construction	2x8mm Steel Plate 40mm Steel Plate on the Platformside
	Arm Depth mm	96
	Arm Length mm	625
	Re-Bushable	Yes
	Overall width mm	596
MAIN FRAME	Construction	100mm x 100mm x 8
	Bracket Thickness mm	6
PINS	Material	Ø25; Ø30mm Hard Chrome Plated
	Grease Nipples	Yes
	Pinlock and Srews	Stainless steel
BUSHES		Steel Teflon Coated
HYDRAULIC	Power Pack	M.H.W.
	Weather Proof Alum Enclosure and Sound Proof	Included
	Motor Size	0.8kW
	All Aluminum Cylinder: Quantity	Two (2) Lift
	Size	Ø35mm; max. Stroke:222mm
	Quality	Cylinder are all Aluminium Piston are all Ceramic plated and Teflon Sealed for Long Life
	Hose Burst Valve	one mechanical hose burst valve on each Cylinder
	Leak Proof Check Valve	Included
	Hoses	Ø6mm (1/4") Thermo Plastic 2pcs. L=750mm; 1pcs. L=1000mm
	Flow Control	Pressure Compensating
Oil Type	Hydraulic Oil 22cSt	
OPERATION	Lift Operation	Power up/Gravity down
	Tilting Operation	automatical mechanical Tilting on the ground floor
	Closing Operation	manual Closing
	Locking Device	Lock between Truck Frame and folded Platform
CONROLS	Battery Isolation Switch	Integral to Power Pack
	Fixed Control	2 Button on Power Pack
	Removable Remote Push Button	2 Button Hand Held c/w 3m Lead
	Safety Plug	Yes
	Base	Yes (Flush Mounted)

* Subject to Vehicle Type & Floor Height

15.01.2008
PAUL
PEAK - ATK-750
KINEMATIK

MODEL: ATK-750ST/ST

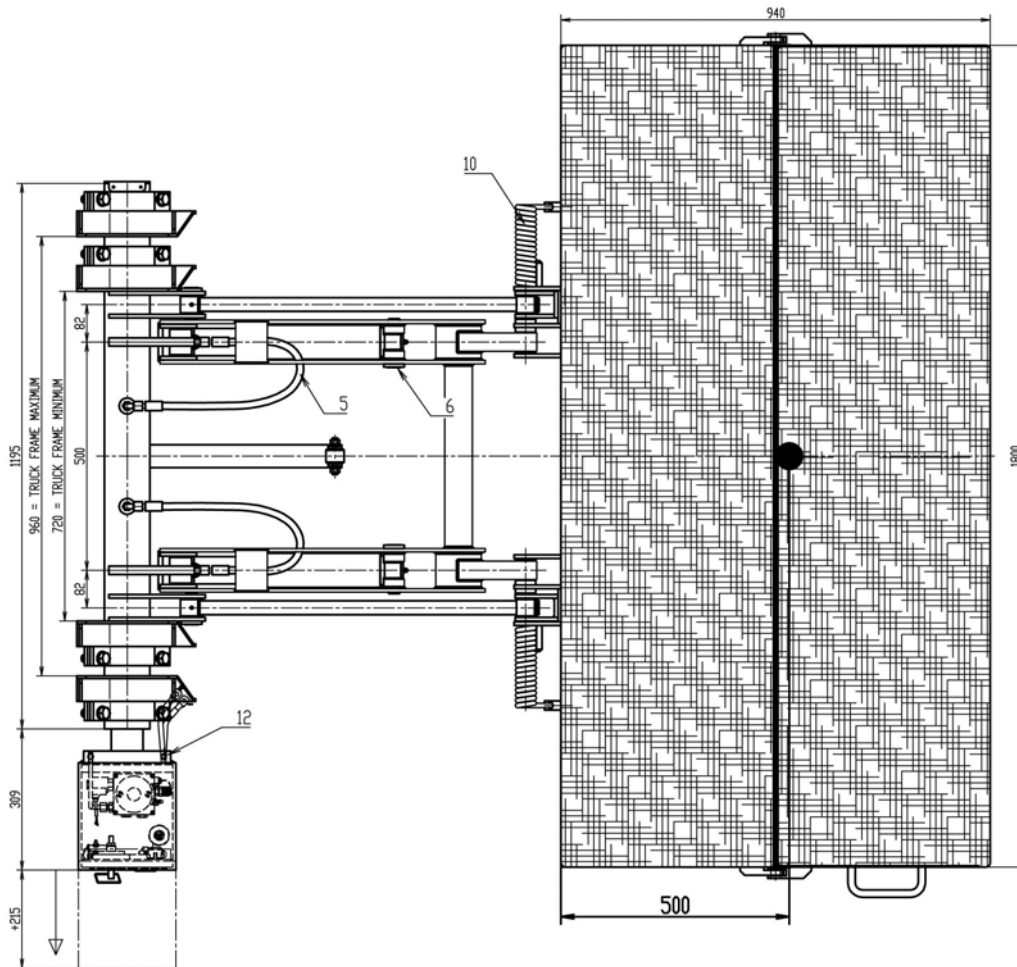
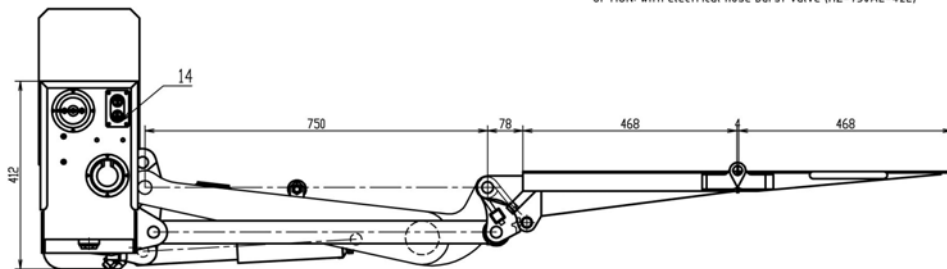
BASIC DIMENSIONS
for Liftarm: L=750mm and Platform: L=940mm



PART No.	PCS.	DESCRIPTION	DRAWING No.	WEIGHT
1	1	CROSS BEAM	ATK-752ST-1-MT/500A	37.0kg
2	1	LIFT ARM	ATK-752ST-2L/500	31.0kg
3	1	PLATFORM STEEL 1800x940	ATK-752ST-3/1800	81.5kg
4	2	MOUNTING BRACKET	ATK-752ST-4L(R)	20.0kg
5	1 SET	HYDRAULIC HOSE, OIL, + and - CABEL; ADDITIONAL PARTS	ATK-751ST-5	8.0kg
6	1 SET	BOLT ASSEMBLY	ATK-751ST/ST-6	8.0kg
7	2	LEVER ARM	ATK-752ST-7L	10.0kg
8	2	JOINT PLATE	ATK-750AL/G-8L(R)	1.0kg
9	2	TILTING BRACKET	ATK-750AL/G-9L(R)	1.7kg
10	2	TORSION SPRING	ATK-750-10L(R)	2.8kg
11	1	TRUCK FLOOR EXTENSION SHEET	ATK-751ST-11	(21.0kg)
12	1	SLIDING BRACKET FOR POWER PACK	UTK-752ST-14	5.1kg
13	2	LIFT CYLINDER Ø42 with mech. hose burst valve	HZ-750AL-42M**	5.9kg
14	1	POWER PACK	MHW-TK-750	10.0kg

* READY FOR WORK; WITHOUT TRUCK FLOOR EXTENSION SHEET
** OPTION: with electrical hose burst valve (HZ-750AL-42E)

*TOTAL WEIGHT **222.0kg**



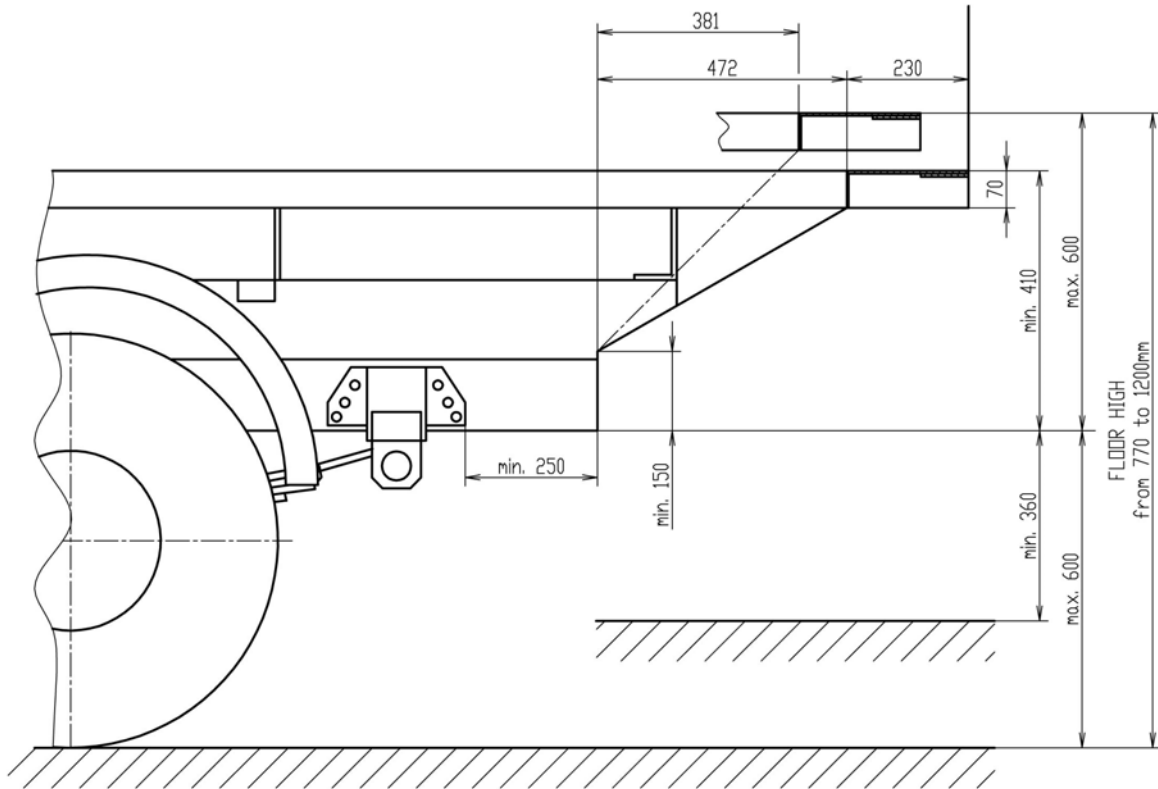
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20.12.2006
PAUL
PFAD: ATK-750ST
KINEMATIK

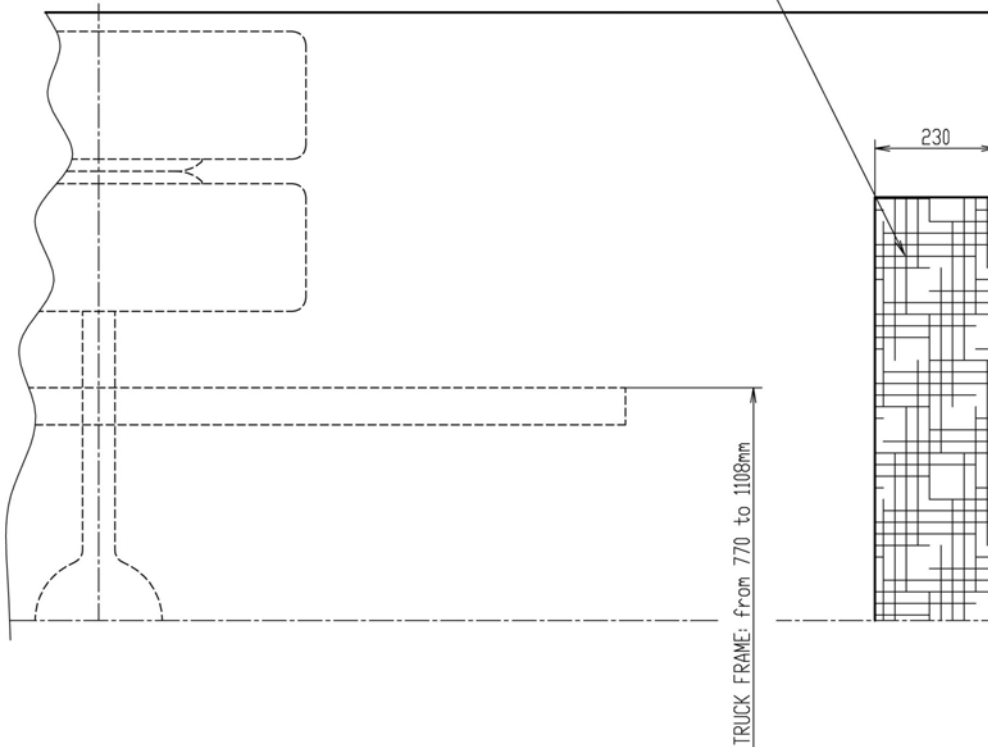
MODEL: ATK-750ST/ST

BODY PREPARATION

for Liftarm: L=750mm and Platform: L=940mm



WELDING THE
TRUCK FLOOR EXTENSION SHEET ATK-750ST-11
(SUPPLY SCHEDULE OF TAIL LIFT)



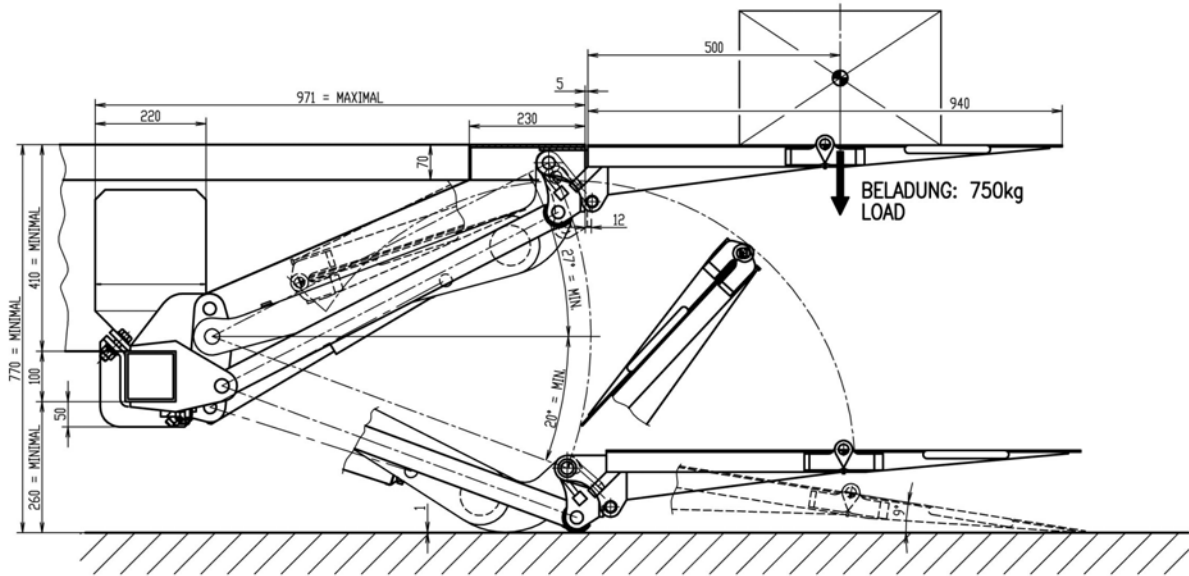
MODEL: ATK-750ST/ST

TAILGATE KINEMATICS

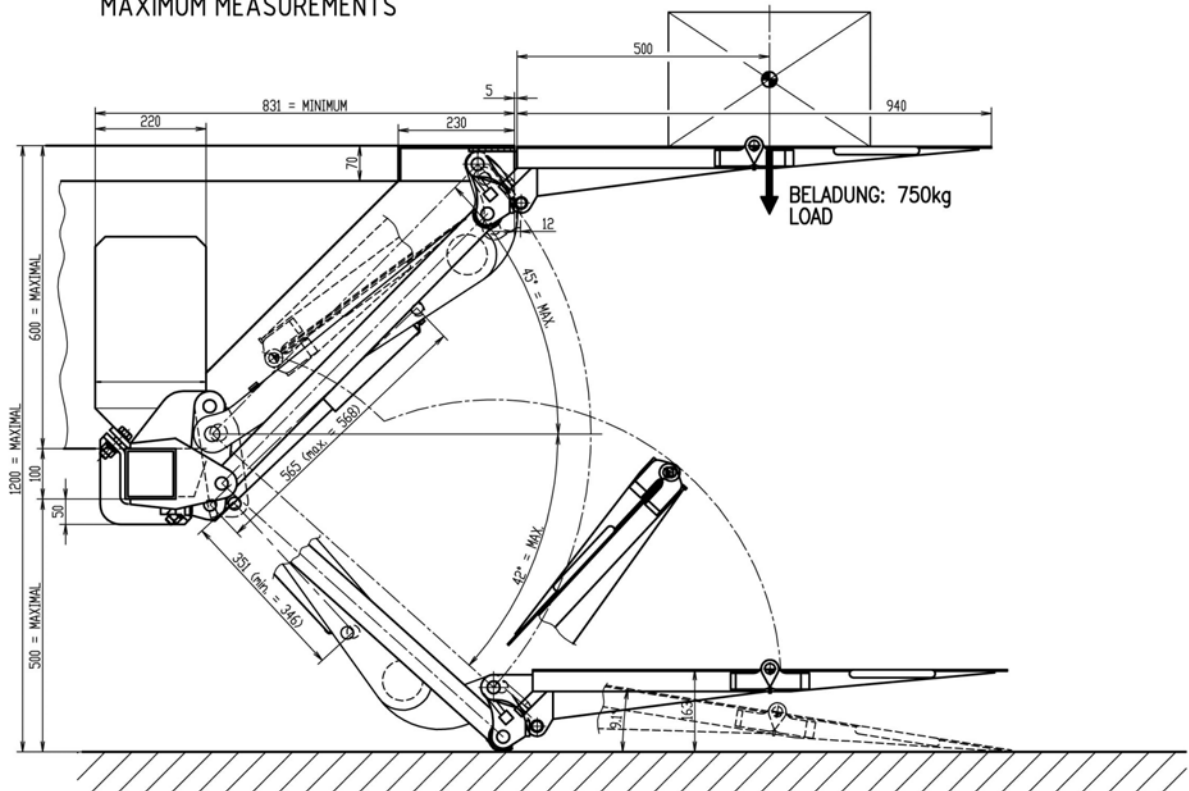
for Liftarm: L=750mm and Platform: L=940mm



MINIMUM MEASUREMENTS



MAXIMUM MEASUREMENTS



MODEL: ATK-750ST/ST**TAILGATE SPECIFICATIONS**

for Liftarm: L=750mm and Platform: L=940mm

**STANDARD SPECIFICATIONS**

CAPACITY kg	750kg at 500mm Gravity Center
NOMINAL PLATFORM SIZE mm	1800 Width x940 Length x 132 Depth
INSTALLED WEIGHT kg	205.1
FITTING REQUIREMENTS mm	1200 Max. Height Unloaded 770 Min. Height Loaded 830 Min. Underbody Clearance Required*
ADDS TO VEHICLE mm	12

OTHER SPECIFICATIONS

WEIGHT	Unit & Cylinder kg	197.1
	Installation Kit kg	8
PLATFORM	Platform Thickness	3mm Chequer Plate with Fully welded Beams
	Execution	folding in the Middle
	Trolley Stops	No
	Platform Angle	16% or 9.1°
LIFT ARMS	Construction	2x8mm Steel Plate
		40mm Steel Plate on the Platformside
	Arm Depth mm	96
	Arm Length mm	750
	Re-Bushable	Yes
	Overall width mm	596
MAIN FRAME	Construction	100mm x 100mm x 5
	Bracket Thickness mm	6
PINS	Material	Ø25; Ø30mm Hard Chrome Plated
	Grease Nipples	Yes
	Pinlock and Screws	Stainless steel
BUSHES		Steel Teflon Coated
HYDRAULIC	Power Pack	M.H.W.
	Weather Proof Alum Enclosure and Sound Proof	Included
	Motor Size	0.8kW
	All Aluminum Cylinder: Quantity	Two (2) Lift
	Size	Ø42mm; max. Stroke:222mm
	Quality	Cylinder are all Aluminium Piston are all Ceramic plated and Teflon Sealed for Long Life
	Hose Burst Valve	one mechanical hose burst valve on each Cylinder
	Leak Proof Check Valve	Included
	Hoses	Ø6mm (1/4") Thermo Plastic 2pcs. L=750mm; 1pcs. L=1000mm
	Flow Control	Pressure Compensating
Oil Type	Hydraulic Oil 22cSt	
OPERATION	Lift Operation	Power up/Gravity down
	Tilting Operation	automatical mechanical Tilting on the ground floor
	Closing Operation	manual Closing
	Locking Device	Lock between Truck Frame and folded Platform
CONROLS	Battery Isolation Switch	Integral to Power Pack
	Fixed Control	2 Button on Power Pack
	Removable Remote Push Button	2 Button Hand Held c/w 3m Lead
	Safety Plug	Yes
	Base	Yes (Flush Mounted)

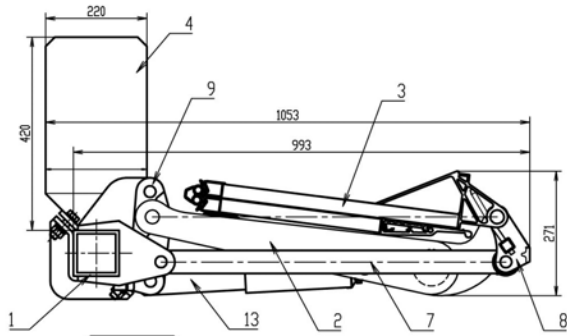
*Subject to Vehicle Type & Floor Height

21.12.2006

PAUL

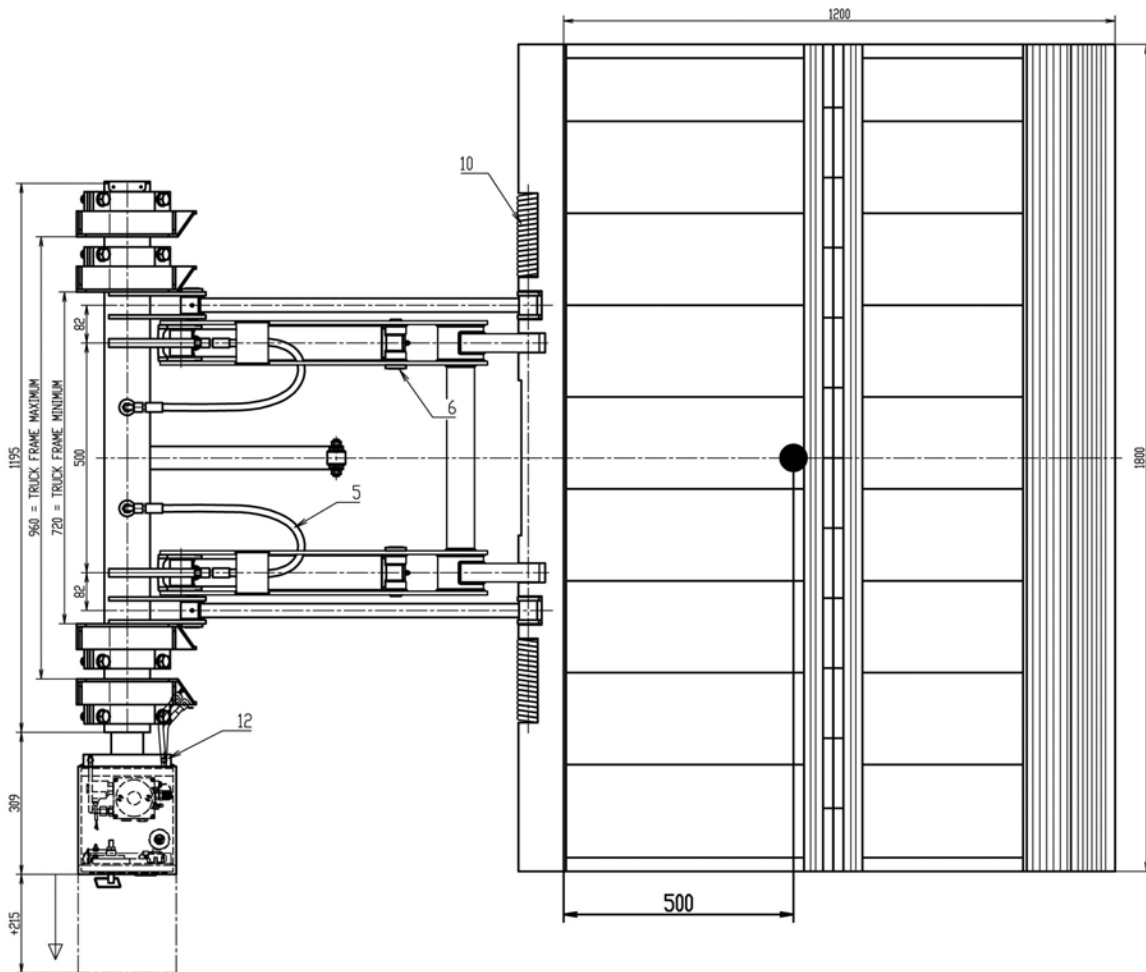
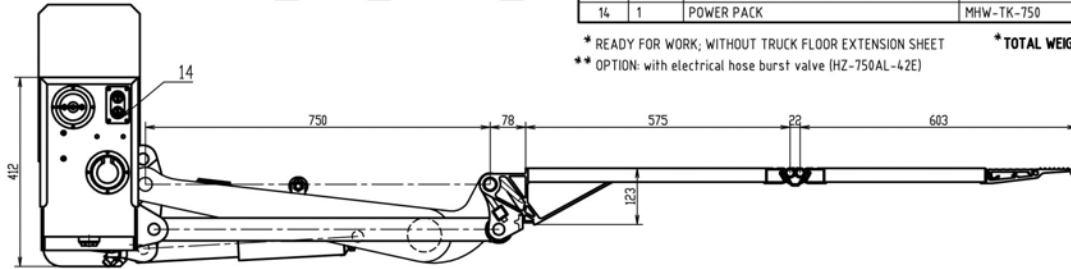
MODEL: ATK-750ST/AL

BASIC DIMENSIONS
for Liftarm: L=750mm and Platform: L=1200mm



PART No.	PCS.	DESCRIPTION	DRAWING No.	WEIGHT
1	1	CROSS BEAM	ATK-752ST-1-MT/500A	37.0kg
2	1	LIFT ARM	ATK-752ST-2L/500	31.0kg
3	1	PLATFORM ALUMINUM 1800x1200	ATK-752AL-3/1800x1200	82.0kg
4	2	MOUNTING BRACKET	ATK-752ST-4L(R)	20.0kg
5	1 SET	HYDRAULIC HOSE, OIL, * and - CABEL, ADDITIONAL PARTS	ATK-751ST-5	8.0kg
6	1 SET	BOLT ASSEMBLY	ATK-751ST/AL-6	6.5kg
7	2	LEVER ARM	ATK-752ST-7L	10.0kg
8	2	JOINT PLATE	ATK-752AL/G-8L(R)	1.0kg
9	2	TILTING BRACKET	ATK-750AL/G-9L(R)	1.7kg
10	2	TORSION SPRING	ATK-750-10L(R)	2.8kg
11	1	TRUCK FLOOR EXTENSION SHEET	ATK-751ST-11	(21.0kg)
12	1	SLIDING BRACKET FOR POWER PACK	UTK-752ST-14	5.0kg
13	2	LIFT CYLINDER $\phi 42$ with mech. hose burst valve	HZ-750AL-42M **	5.9kg
14	1	POWER PACK	MHW-TK-750	10.0kg

* READY FOR WORK; WITHOUT TRUCK FLOOR EXTENSION SHEET * TOTAL WEIGHT 221.0kg
** OPTION: with electrical hose burst valve (HZ-750AL-42E)

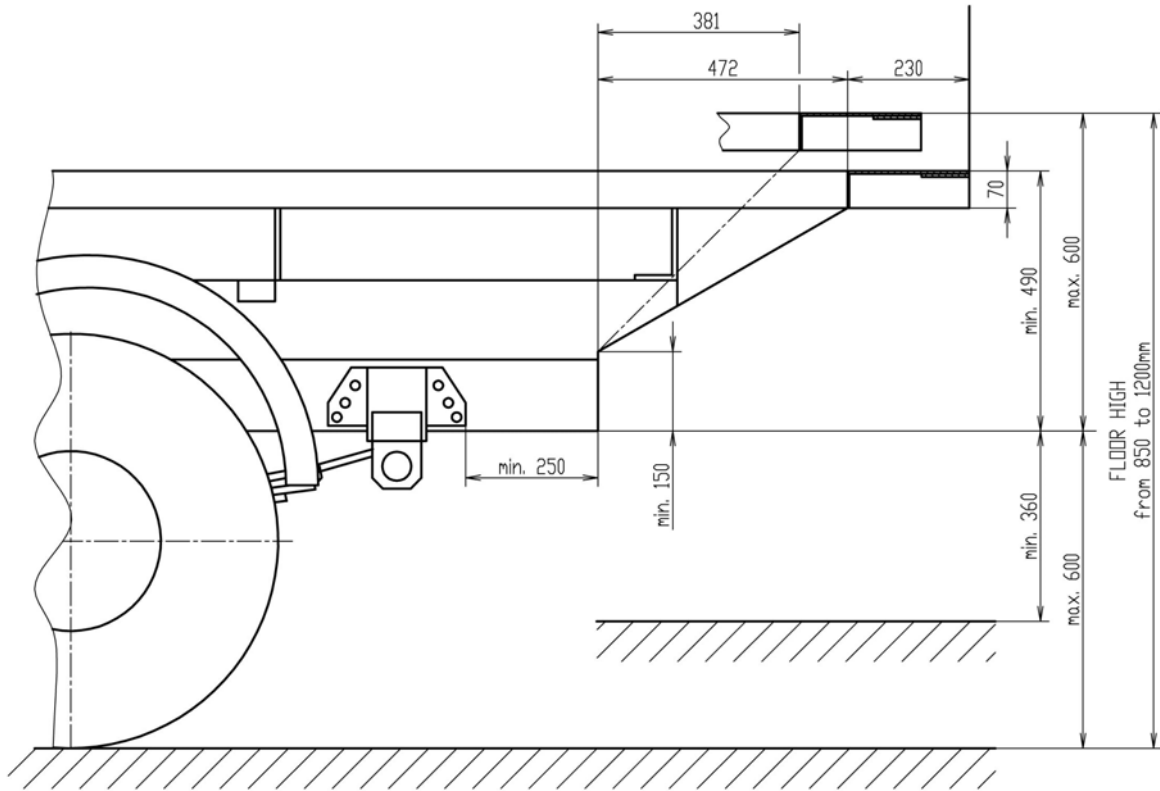


16.01.2008
PAUL
PFAD: ATK-750ST
L- KINEMATIK

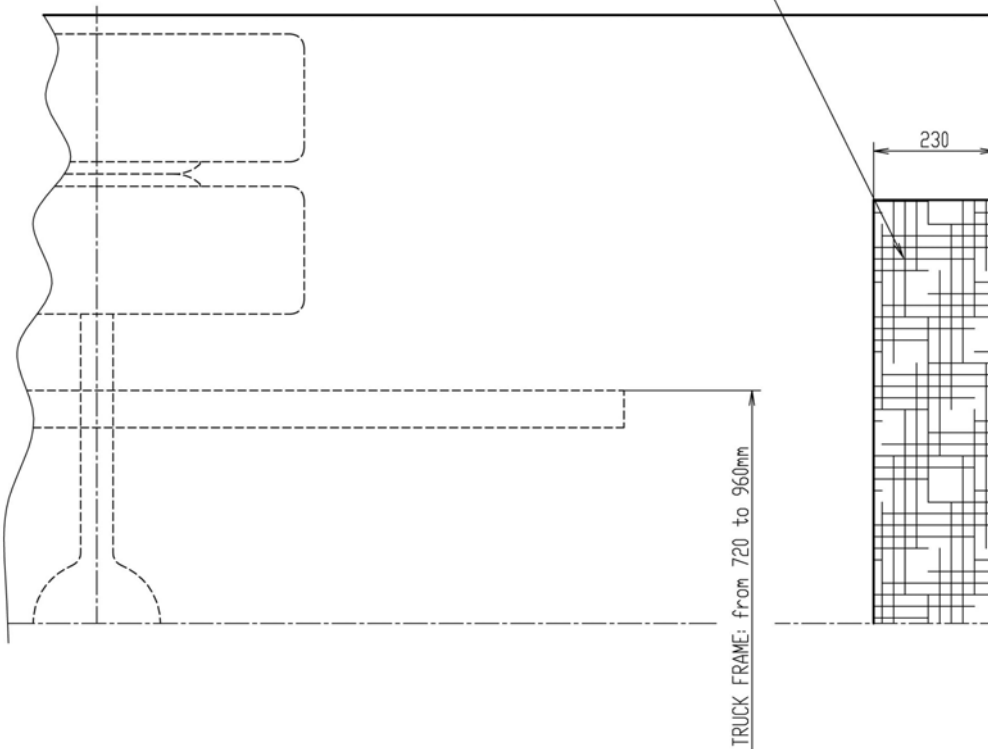
MODEL: ATK-750ST/AL

BODY PREPARATION

for Liftarm: L=750mm and Platform: L=1200mm



WELDING THE
TRUCK FLOOR EXTENSION SHEET ATK-751ST-11
(SUPPLY SCHEDULE OF TAIL LIFT)



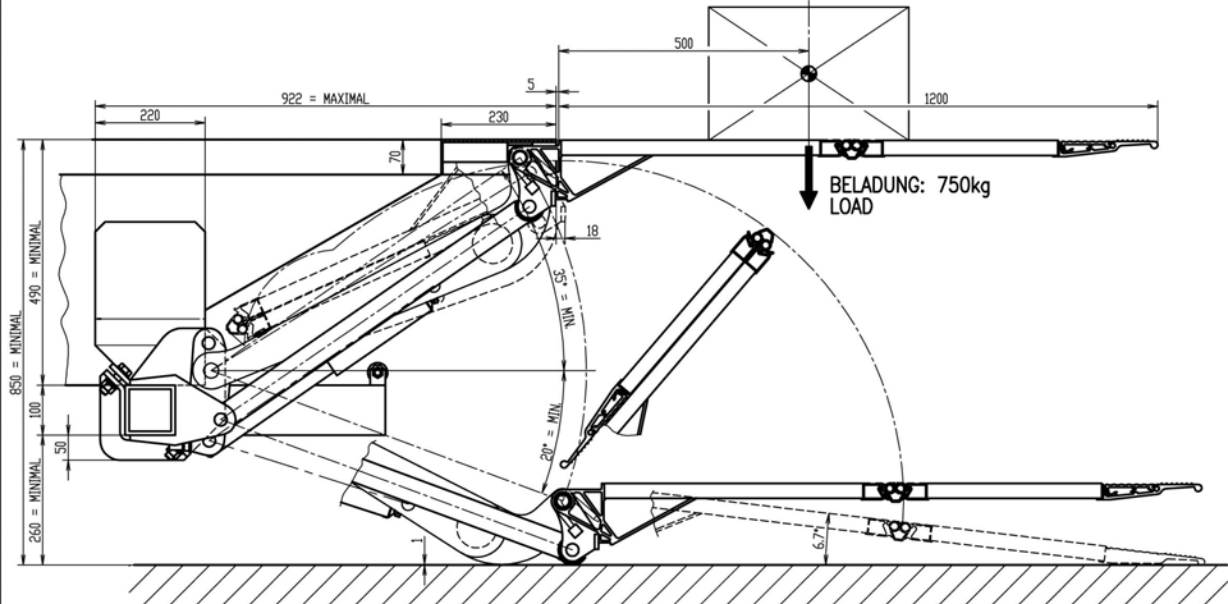
MODEL: ATK-750ST/AL

TAILGATE KINEMATICS

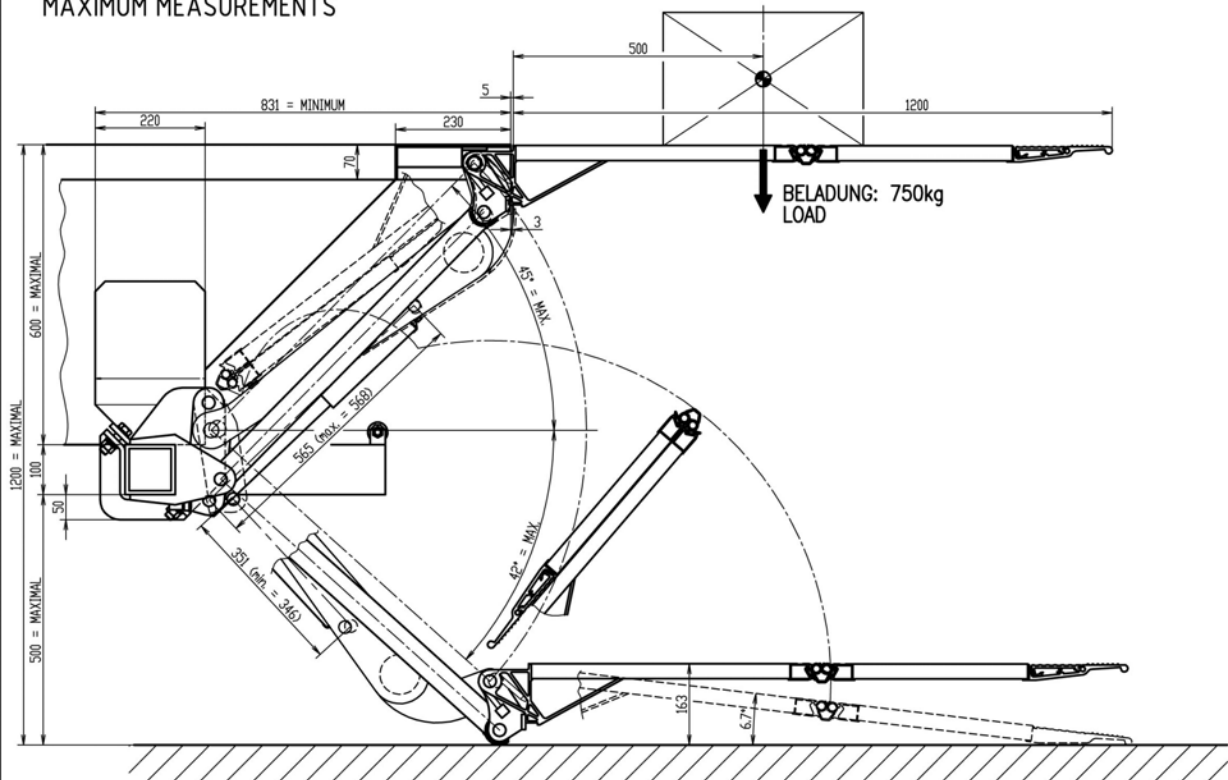
for Liftarm: L=750mm and Platform: L=1200mm



MINIMUM MEASUREMENTS



MAXIMUM MEASUREMENTS



MODEL: ATK-750ST/AL**TAILGATE SPECIFICATIONS**

for Liffarm: L=750mm and Platform: L=1200mm

**STANDARD SPECIFICATIONS**

CAPACITY kg	750kg at 500mm Gravity Center
NOMINAL PLATFORM SIZE mm	1525 Width x 1200 Length x 163 Depth
INSTALLED WEIGHT kg	193.0
FITTING REQUIREMENTS mm	1200 Max. Height Unloaded 850 Min. Height Loaded 830 Min. Underbody Clearance Required*
ADDS TO VEHICLE mm	18

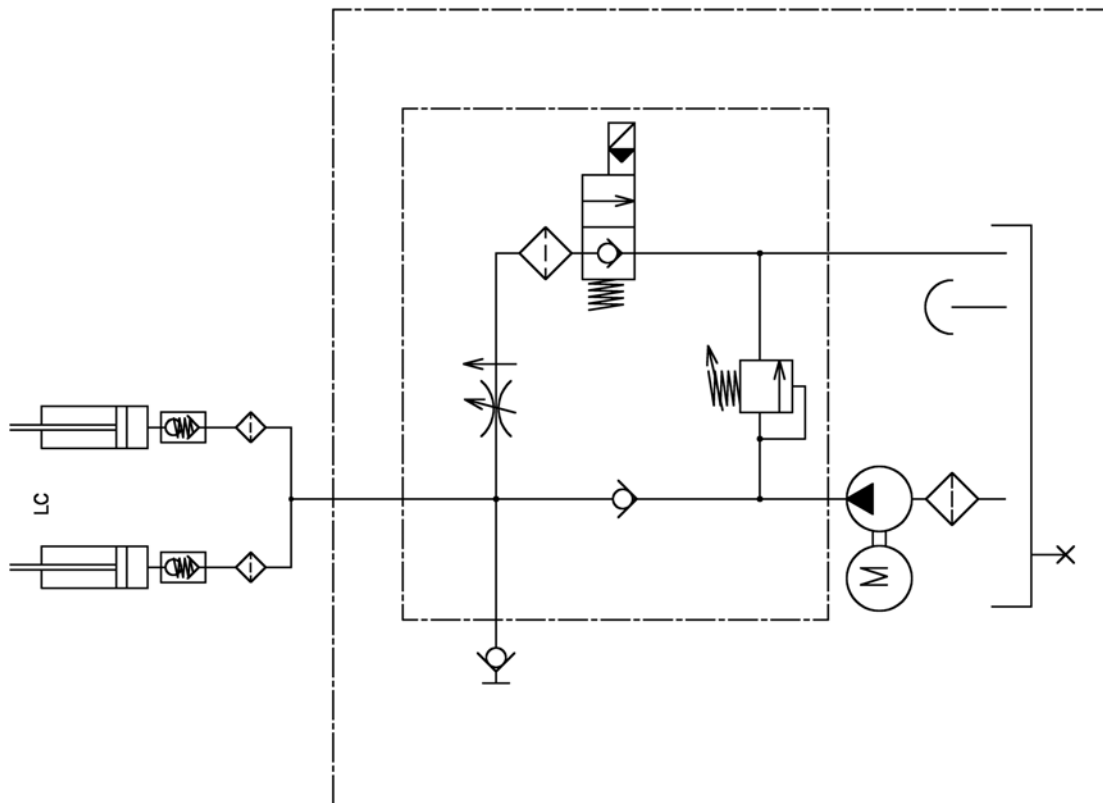
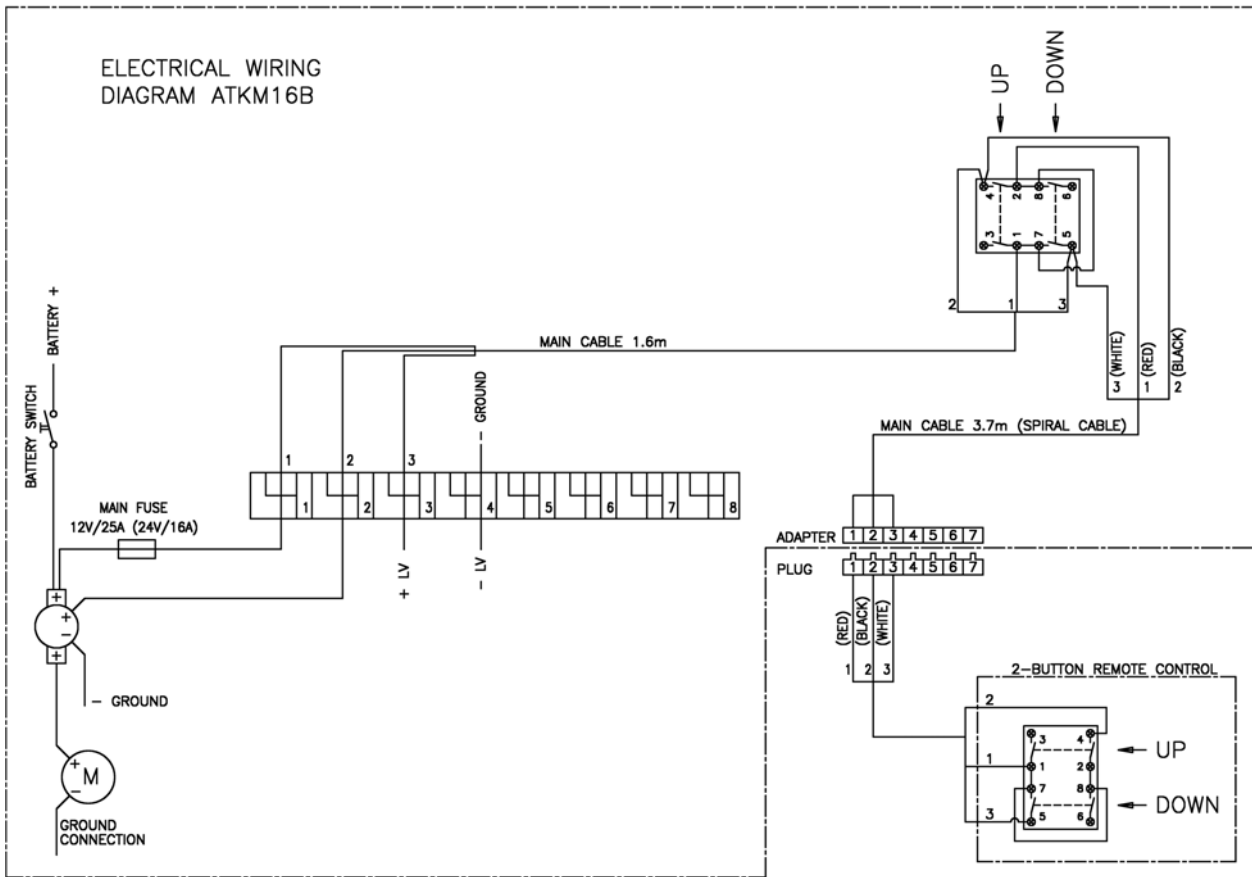
OTHER SPECIFICATIONS

WEIGHT	Unit & Cylinder kg	185.0	
	Installation Kit kg	8	
PLATFORM	ALUMINIUM EXTRUSION PROFILE	30 mm thick	
	Execution	folding in the Middle	
	Trolley Stops	No	
	Platform Angle	13% or 6.7°	
LIFT ARMS	Construction	2x8mm Steel Plate 40mm Steel Plate on the Platformside	
	Arm Depth mm	96	
	Arm Length mm	750	
	Re-Bushable	Yes	
	Overall width mm	596	
MAIN FRAME	Construction	100mm x 100mm x 8	
	Bracket Thickness mm	6	
PINS	Material	Ø25; Ø30mm Hard Chrome Plated	
	Grease Nipples	Yes	
	Pinlock and Screws	Stainless steel	
BUSHES		Steel Teflon Coated	
HYDRAULIC	Power Pack	M.H.W.	
	Weather Proof Alum Enclosure and Sound Proof	Included	
	Motor Size	0.8kW	
	All Aluminum Cylinder:	Quantity	Two (2) Lift
		Size	Ø42mm; max. Stroke:222mm
		Quality	Cylinder are all Aluminium Piston are all Ceramic plated and Teflon Sealed for Long Life
	Hose Burst Valve	one mechanical hose burst valve on each Cylinder	
	Leak Proof Check Valve	Included	
	Hoses	Ø6mm (1/4") Thermo Plastic 2pcs. L=750mm; 1pcs. L=1000mm	
	Flow Control	Pressure Compensating	
Oil Type	Hydraulic Oil 22cSt		
OPERATION	Lift Operation	Power up/Gravity down	
	Tilting Operation	automatical mechanical Tilting on the ground floor	
	Closing Operation	manual Closing	
	Locking Device	Lock between Truck Frame and folded Platform	
CONROLS	Battery Isolation Switch	Integral to Power Pack	
	Fixed Control	2 Button on Power Pack	
	Removable Remote Push Button	2 Button Hand Held c/w 3m Lead	
	Safety Plug	Yes	
	Base	Yes (Flush Mounted)	

* Subject to Vehicle Type & Floor Height

ELECTRIC AND HYDRAULIC DIAGRAM

with mechanical hose burst valve
with 2-Button-Remote-Control
with 1-Button-Hand-Control



I N D E X

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