



Thank you for choosing us! We are thrilled to be a part of your journey and look forward to supporting you along the way!

Please complete this form right after your purchase.	
Owner:	
Address:	
Phone:	
Purchase Date:	

Online help



For any question contact your dealer.

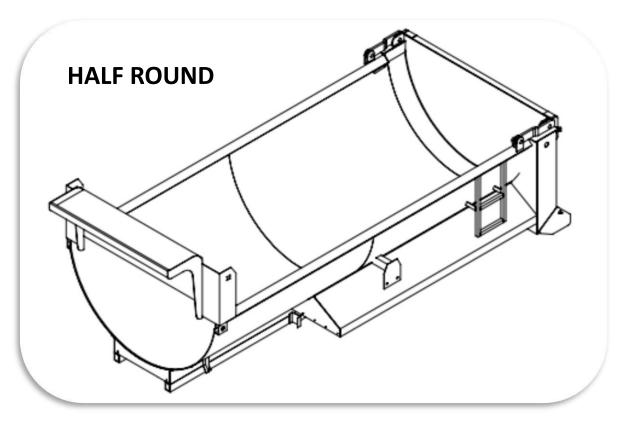
Thanks again and enjoy your product

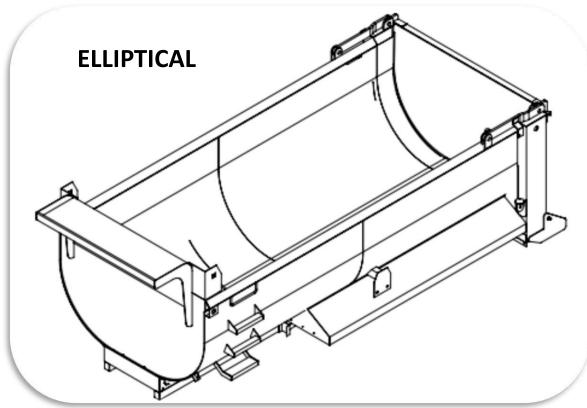
Disclaimer

The driver is responsible for the safe operation of this Dump Bed. For further details keep reading the owner's manual.













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IMPORTANT SAFETY INFORMATION

YOU MUST READ THIS MANUAL and get entirely familiar with all of its operation instructions and safety concerns before attempting to load, unload, or operate this Dump Bed. ALWAYS FOLLOW THESE PRECAUTIONS TO AVOID SERIOUS INJURY OR DEATH:

- 1. Do not allow unqualified, untrained, or careless personnel to operate the Dump Bed. Do not use the Dump Bed for a purpose for which it was not intended.
- 2. Each person at the user's facility who may be involved with installing, operating, servicing, inspecting, maintaining, or repairing the Dump Bed must read the complete operating instructions and carefully study and understand the safety instructions. All actual and potential operators should confirm their having done so in writing.
- 3. The Dump Bed must be serviced and maintained only by authorized knowledgeable personnel for safe operation of the Dump Bed. Only the manufacturer or authorized technicians should carry out more than minor repairs.
- 4. Do not allow anyone who is not physically fit or mentally alert near the Dump Bed or its operating area. Be constantly alert to possible hazards on or around the Dump Bed.
- 5. Keep a safe distance at all times from any moving parts.
- 6. When unloading the Dump Bed:
 - a) Long hair must be protected by headgear.
 - b) Do not wear loose apparel such as ties, scarves, etc.
 - c) Remove all wristwatches and jewelry.
 - d) Wear only approved industrial grade eye protection or a face guard to protect against flying debris.
- 7. Do not allow tools or other loose objects to be placed on top of or around the Dump Bed.
- 8. At the very first sign of any problem and before attempting any troubleshooting or maintenance, the Dump Bed must be stopped.
- 9. Safety features must not be removed, dismantled, altered, put out of operation or relocated. All guards and safety devices are to be re-fitted and in place after changeovers, servicing, or making repairs and before the Dump Bed is used. All safety devices must be checked at regular intervals for correct operation.
- 10. Do not remove safety signs or warning decals from the Dump Bed. Product safety signs should be periodically inspected and cleaned as necessary. Product safety signs should be replaced when they are no longer legible at a normal viewing distance. Replacements are available from INTRAMET (INGENIERIA EN TRANSFORMACIONES METALICAS S.A DE C.V).
- 11. Follow all workplace safety and accident prevention regulations applicable to the operation of the Dump Bed. Comply with local, state, and/or federal environment regulations, including those governing airborne dust particles.
- 12. Designate a person to be responsible at any given time for installation, commissioning, operating and repair of the Dump Bed so the responsibility for safety will not be lost.
- 13. The Dump Bed has been designed and built with original INTRAMET (INGENIERIA EN TRANSFORMACIONES METALICAS S.A DE C.V) parts only. Only original INTRAMET parts must be used for maintenance or repair. Use of other parts will void your warranty.
- 14. Do not perform modifications to or reconstruction of the Dump Bed without first getting written approval from INTRAMET.
- 15. The cleanliness and tidiness of the Dump Bed and its surrounding area must be ensured through appropriate instructions, routine inspections, and cleaning.





INSPECTION, SERVICE AND MAINTENANCE

DAILY INSPECTION

It is important that your Dump Bed be inspected and serviced on a regular basis to keep it in safe and in a functional condition. Regular maintenance will also save you money in costly repairs over time. A daily inspection of the following items should be performed before using the Dump Bed:

Air	Hydraulic	Hardware
ControlsTailgate cylindersHi lift Cylinders	 Hoses Cylinder Oil deposit Oil level Valves Pump Fittings 	 Tarp hardware Tarp Hinges Mudflaps Hydraulic Cylinder pins Lights

PAINT CARE & CORROSION PREVENTION

Your INTRAMET Dump Bed is painted with a 4-step painting process. This paint is designed to provide longer-lasting corrosion resistance as well as a higher quality finish. Washing your Dump Bed on a regular basis is the greatest method to protect the finish and help prevent corrosion, especially if it has been exposed to road salt or other ice, road oil or tar, or any other potentially corrosive element. Transporting corrosive materials such as salts and fertilizers will void the paint warranty.

Normal use can result in minor nicks or chips in the paint. Repair any chips or scratches in the finish with matching touch-up paint. This is especially crucial for carbon steel trailers since even small sections of bare metal can quickly rust. The expense of mending any chips is the owner's obligation.



PREVENTATIVE MAINTENANCE

We recommend that you follow the general preventative maintenance schedule below. The intervals given are for nominal operating conditions; service more frequently if the Dump Bed is used in an overly humid or dusty condition.

After the first 50 miles

Check pins, pneumatic cylinders and tailgate cylinders

After the first 1,000 miles

- Check door alignment
- Check fittings for any air or hydraulic leaks

Every 5,000 miles or once a month (whichever comes first)

- Wash dump bed thoroughly with a mild detergent and water
- Check general structural condition for corrosion or cracks
- Visually check alignment of door
- Check condition of lights
- Check wiring harness for cracking or chafing
- Check hydraulic and pneumatic lines for signs of leakage or wear
- Check hinges on rear door(s) for signs of damage
- Lubricate hinges, latches, and bearings (if applicable) on rear door(s)
- Check pump and fittings for leaks
- Check level of oil in axles
- Check condition of tarp system, if installed
- Check condition and security of mud flaps

Hydraulic cylinder inspection

The Hydraulic Cylinder area must be kept clean and free of dirt and foreign materials. This includes the area between the doghouse and the Hydraulic Cylinder where it travels. Build of materials can cause binding or other serious damage if allowed to remain in this area.

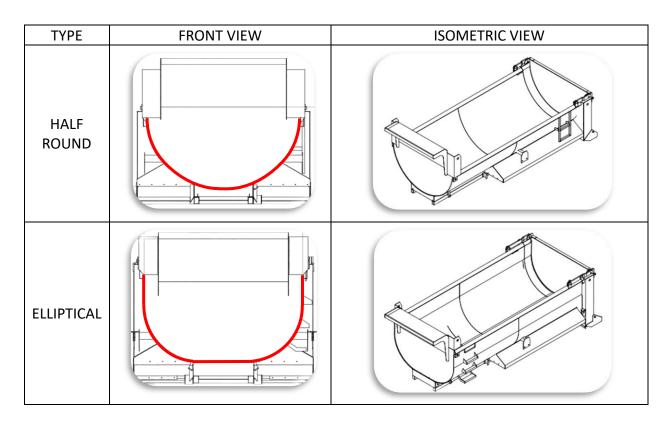




GENERAL INFORMATION

DUMP BED TYPE

We manufacture two different Dump Beds: Elliptical and Half Round.



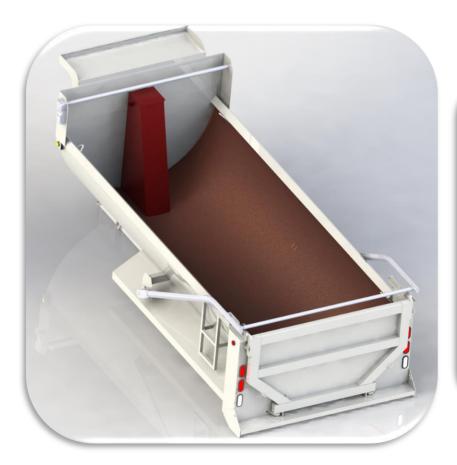
Туре	Size (FT)	Height (INCH)	Material	Advantages
HALF ROUND	12' – 22'	*44" *48" *52"	*Hardox 450 (1/4)	*Heavy Duty *Faster download *Demolition
ELLIPTICAL	12' – 22'	*44" *48" *54"	*Hardox 450 (1/4)	*Heavy Duty *Capacity



HIDRAULIC CYLINDER

Hyva hydraulic cylinders

Hyva designs and manufactures a complete range of telescopic tipping cylinders, both for front-end and underbody applications. The new Hyva cylinder is lightweight, uses less oil and therefore tips and lowers faster and is still very strong, stable and maintenance free.





SIZE (FT)	HYDRAULIC CYLINDER
12,13,14	HYVA S73-110
15	HYVA S73-127
16	HYVA S74-135
17,18,19	HYVA S74-158
20,21	HYVA S84-169
22	HYVA S85-188

We move your world

HYVA WARRANTY CONDITIONS

SCOPE

- Hyva warranty conditions, as described in this document, are applicable to all Hyva products within the following product groups:
 - Hyva Tipping Solutions
 - Hyva Container Handling
 - Hyva Cranes (ATM cranes: Hyva Crane, Amco Veba, Amco Veba Marine, Ferrari, Kennis)
 - Hyva Waste Handling
 - Truck and Trailer
 - Spare Parts
- 2. These warranty conditions apply to all Hyva products as stated above worldwide.
- 3. These warranty conditions are the minimum warranty standards applicable to all Hyva products. This is considered as Hyva standard warranty.
 - Whenever a product is eligible for the extended warranty, extended warranty conditions are provided in a separate extended warranty document. Otherwise, these warranty conditions shall have priority over any other warranty provisions mentioned in the product documentation including but not limited to the product manuals, instructions and technical specifications.
- 4. Due to the nature of Hyva Products, most of Hyva customers are considered professional customers, i.e. natural persons who are acting as professionals within the scope of their economic activity (trade, business, craft, liberal profession) or legal entities. If owners are consumers within the meaning of applicable law, i.e. they are acting outside the scope of their economic activity (trade, business, craft, liberal profession), these Warranty Conditions apply to the extent that they do not limit or are in conflict with the protections granted by the applicable consumer protection laws.

II. WARRANTY CONDITIONS

- With the exception to Hyva Tipping Solutions products, the warranty is valid only when the Warranty Certificate is properly completed. Hyva reserves the right to refuse warranty service in the absence of the filled-in Warranty Certificate.
- 2. The warranty covers all defects in product material and workmanship. It is limited to repair of the defect or replacement the defective part or at Hyva's discretion replacement of the product itself. To the extent permitted by law, Hyva explicitly rejects any liability for costs of product fitting and removal, vehicle or product down time, replacement costs, transport or import costs, loss of earnings or profit, any damages caused by Hyva products, including but not limited to any environmental damages or related mitigation or clean-up costs, excessive or unreasonable labor costs.
- The warranty period for all new products is twelve (12) months from the date of first use of the product as defined below.

Hyva reserves the right to refuse warranty service twenty four (24) months from the product production date.

The warranty period for the spare parts shall be: worldwide with the exception of China and India: twelve (12) months from the invoice date; China: three (3) months from the invoice date; India: six



HYVA WARRANTY CONDITIONS

(6) months from the invoice date.

The warranty period for refurbished products shall be six (6) months from the invoice date.

4. The date of first use shall be determined as follows, per product:

Hyva Tipping Solutions:	Vehicle Registration date
Hyva Container Handling:	Vehicle Registration date/ Date of Warranty Certificate
Hyva Cranes (ATM all brands):	Vehicle Registration date/ Date of Warranty Certificate
Hyva Waste Handling:	Vehicle Registration date/ Date of Warranty Certificate
Spare parts:	Invoice date
Refurbished:	Invoice date

- All Hyva products must be installed, operated, maintained and repaired in accordance with the relevant Hyva instructions. Only the original Hyva parts shall be used. Otherwise, these warranty terms shall be void.
- 6. The warranty is not applicable to cases other than defects in material and workmanship. The warranty does not apply to:
 - Damage caused by incomplete or erroneous installation except for installations done by Hyva Group companies;
 - Damage caused by misuse, abusive or inappropriate operation, including but not limited to operation not in accordance with products' operating manuals or by operators not trained to operate the Hyva equipment. In case of doubt regarding whether the Product was operated properly, the burden of proof shall be with the owner;
 - Damage as a result of maintenance not carried out in accordance with the Hyva operating & maintenance instructions and manuals;
 - Wear or tear of parts caused by inappropriate storage and/or transport damage of products delivered ex-works;
 - Product components subject to normal wear and tear, including but not limited to filters and hydraulic oil, moving/ sliding parts like bushings or pins;
 - Operation with hydraulic pressures/ flow/ temperature higher than specified on the part specifications;
 - Where corrosion of unpainted parts occurs;
 - Damages as a result of corrosion happening due to rough cleaning (i.e. usage of high pressure rinsing or aggressive agents such as salt or cement), or in the context of marine use;
 - Primer paint coating;
 - Damage due to the use of inappropriate oil (inappropriate oil type or inappropriate oil viscosity);
 - Where unauthorized modifications have been performed;
 - Where maintenance or repair is performed by a non-authorized Hyva Service Partner;
 - Damage caused by other forces beyond Hyva control;
 - Products or their parts of components which are not purchased through the legitimate Hyva distribution channels.
- Hyva reserves the right to deny warranty service in case it has reasonable grounds to believe that the customer/owner is abusing its warranty rights or one of the exclusions stipulated by these conditions apply.



HYVA WARRANTY CONDITIONS

During the warranty period, the warranty is transferable to subsequent owners of a vehicle on which the products are installed on.

III. OWNER'S RESPONSIBILITIES

- Owner is responsible for properly operating and maintaining the product and the vehicle on which
 the product is installed in accordance with the instructions described in Hyva operating &
 maintenance instructions and manuals.
- In order to have repairs made under Hyva Warranty, owner must retain maintenance inspection records to show that the required maintenance inspections have been performed.
- 3. It is the owner's responsibility to ensure that all services are carried out as required and detailed service records are kept and that the maintenance and service records are completed at the time of service. Hyva will not necessarily deny a warranty claim solely because the owner does not have records to show that the product has been maintained. However, damage or failures caused by lack of proper maintenance are not covered under Hyva Warranty. In some cases, owner may be asked to provide proof of servicing and vehicle maintenance to verify whether warranty coverage is available for some types of repairs.
- Damages suffered during transport are not covered via the standard warranty procedure. If they
 occur, the owner shall contact the seller of the Hyva product for handling.

IV. WARRANTY PROCEDURE

- In order to receive warranty service under this Warranty the owner must take the product to a Hyva Service Partner during normal service hours.
- 2. While any Hyva Service Partner will perform warranty service which is covered by this warranty, Hyva recommends that you return to the Hyva partner where you purchased your vehicle/product because of their continued personal interest in you.

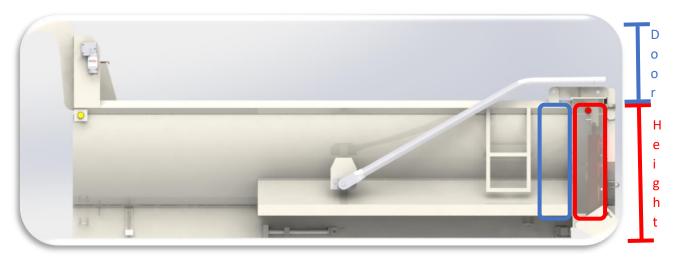
hyva.com 3 OH-E WARR-0001 / 31 03 21



OPERATING LIFT GATE

PNEUMATIC DOOR

The bottom gate has a mechanical closing system that works with pneumatic cylinders which the versa valve activates. This valve, located in the chassis on the axles, can be activated from inside the cab or manually. Once the valve is activated it will open the cylinders to the predetermined position and keep it in place, once the valve is shut off it will close the gates, while still keeping pressure to ensure the gates stay closed.





Part: CG1BN100-610Z

There are two options for the lift gate system:

Hi Lift inside: The pneumatic cylinder goes through the inside of the side posts of the Dump Bed. (Marked with red box). The door has an opening of 22" plus the height of the Dump Bed.

Hi Lift outside: The pneumatic cylinder goes through the outside of the side posts of the Dump Bed. (Marked with blue box). The door has an opening of 36" plus the height of the Dump Bed.

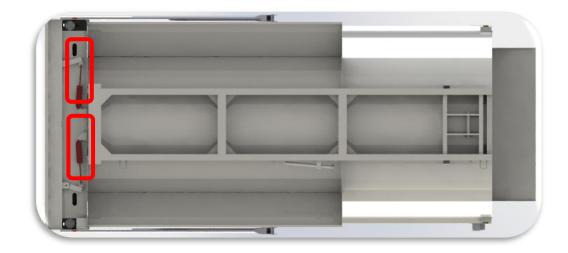
WARNING!

- ➤ Gates can open because to the weight of the cargo, resulting in property loss, major bodily injury, or death. Make sure the door is properly closed and fastened before getting behind the trailer or loading or towing it.
- > Do not get behind a loaded trailer with door(s) open. The contents of the trailer could spill on you, inflicting serious harm or death.



TAIL GATE LATCH

Keep your tailgate operating smoothly with Buyers Products Tie Rod Cylinders. Each cylinder houses and protects an enclosed tie rod in a durable extruded aluminum body. The cylinders are ideal for dump truck operators to engage and disengage tailgate latches from inside their vehicle without having to leave the cab.





Part: TGC25008V



TARP SYSTEM

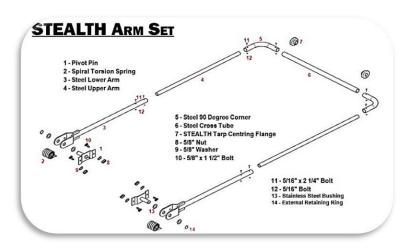
MOUNTING OPTION

The electric tarp is switch activated from the truck's cab

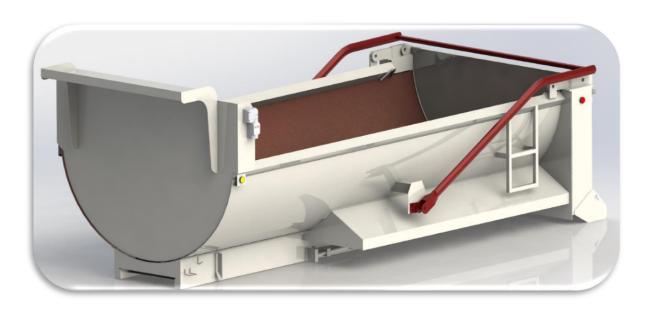
TARP MATERIAL

- The variety of materials we have available are mesh tarp and vinyl tarp.
- Choose whichever fits better to your project.

FLIP TARP SYSTEM



Part: STH-4SP-A



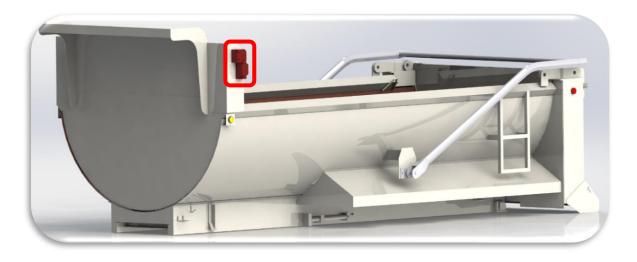


TARP MOTOR

The Apache Slim Universal Dump Truck Tarp Motor 1.5HP 50:1 Gear Ratio 12V is our best-selling motor—it is the strongest and fastest motor available at 1.5 HP and 50:1 Gear Ratio. The unique 5-bolt pattern makes it compatible with other brands' 3,4, and 5-bolt motors, making it a perfect replacement motor for any tarp system up to 28'.



Part: T-APACHE



WARRANTY

Tarping Systems, Inc. is committed to providing the absolute best products and services at affordable pricing. We want your order to be right the first time and we understand that sometimes products may be lost, damaged in transit, or bear some sort of defect from the factory. To better serve our customers and ensure that our customers receive the quality products and service they have come to expect from Tarping Systems, Inc., We have put the following policies in place.

SALES: All sales are final. An order confirmation will be sent via email or fax for the buyer's confirmation once the order is received at Tarping Systems, Inc. It is the buyer's responsibility to read the said confirmation and verify that the order is correct. No response to the email or faxed order confirmation will be viewed as confirmation that the said order is correct. All orders made via purchase order will be considered by Tarping Systems, Inc. as confirmation of the order by the buyer.

SHIPPING: All orders are shipped F.O.B. from Slocomb, Al. There will be no full freight allowed or prepaid shipment accepted unless quoted and approved in writing prior to acceptance of the order. All shipments are made by most reasonable means in accordance with size and weight of order unless specific routing instructions are furnished by the customer and approved in writing prior to acceptance of order.

Shipments are made daily via FedEx and Saia. Tarping Systems is not responsible for shipping delays once the shipment has left our facility and is in the carrier's possession. To ensure delivery of orders, we need your company name, person of attention, street address, city, state, and phone number. No exceptions.

Any shipment, delivery, or performance date or associated fees stated in an Order, Tarping Systems, Inc. Invoice or other contract document are an estimate and approximation only and does not constitute any guarantee of shipment, delivery, performance or fees on any particular date. TSI will not be liable for any or all damages resulting from any delay or early shipment, regardless of the cause of the delay or early shipment. Unless otherwise expressly stated, Tarping Systems, Inc., shall have the right to make any delivery in installments, and/or may require Buyer accept shipments in full cartons/loads for some Products. Tarping Systems, Inc. reserves the right to modify an order based on Product availability. Further, any quotation of freight, transportation, shipping, handling, or similar charges are estimates only; if such charges are included in the Price, any increase in rates becoming effective after the Order.

SHORTAGES / DAMAGES: Claims for shortages and damages must be made within 10 days with Tarping Systems, Inc. When you receive your shipment, examine it carefully. Be sure that all cartons listed on the delivery sheet are accounted for. Large items, such as steel or aluminum tubing, may be packaged separately. If a carton is damaged, open it and inspect the contents before signing for delivery. If merchandise is damaged, describe the damage on the delivery receipt. Failure on the receiver's part to document damaged or missing merchandise on the delivery receipt releases the carrier and shipper of liability; repair or replacement will be the customer's responsibility.

RETURNS: All returns must be done within 14 days of delivery. The customer must obtain an RMA number before returning the product. Items received without an RMA number clearly marked on the shipment will be refused. You can obtain an RMA number from your Tarping Systems, Inc., representative.

CUSTOM TARPS: All custom ordered tarps should be drawn exactly as desired and the drawing should accompany a written purchase order. Some custom tarp orders will require extra time and materials that may warrant additional charges. Custom ordered products are not returnable or refundable.

RESTOCKING FEE: A 15% restocking fee will apply to all **stock** tarps. A 50% restocking fee will apply to all cable systems. A 20% restocking fee will apply to all front to back systems and incurracy a \$50.00 handling fee for painting/refurbishing if needed.

REFUNDS: Refunds for returns to Tarping Systems, Inc., will be minus any restocking fees, shipping charges incurred by TSI at any time during the transaction and/or refurbishing fees. All refunds will be applied to the method of payment provided to TSI for purchase. In the event that items are returned due to error by TSI, the customer will receive a full refund.

TARP MOTOR WARRANTY: Tarp motors are under warranty from the moment they leave our shipping warehouse until the pre-determined length of the warranty has come due (3 or 5 years). We have a system in place that tracks motor serial numbers from the time they are invoiced up until the expiration of the warranty. The standard procedure for activating a motor warranty is as follows:

- Ensure that the motor has not been physically damaged in any way. External damage to the motor caused by loaders, falling debris, tree limbs, etc. automatically voids the warranty.
- Ensure that the motor has not been separated from the gear box. Our tarp motors are married to the gear box. This helps us guarantee safe operation and any attempt to open the motor or gear box automatically voids the warranty.
- Ensure that the circuit breaker is properly installed. Using the tarp motor with an improperly
 or not installed circuit breaker voids the warranty of the tarp motor. The circuit breaker
 controls the flow of electricity to the motor reducing damages by power surges.
- o Call your sales representative at TSI at 888-838-3229. At this time the sales representative will ask you a few questions about the tarp motor to include the three items listed above and the sales representative will confirm that the tarp motor's serial number is in fact under warranty and for the customer to provide a proof of purchase.
- Box up and ship back the defective unit and Proof of Purchase to: Tarping Systems,

Inc. 215 Smith Road Slocomb, Al 36375

 After TSI receives and inspects the tarp motor, a replacement motor will be sent out to you at no cost. **MANUFACTURERS GAURANTEE:** Tarping Systems, Inc. acknowledges that sometimes the manufacturing process yields defects and sometimes shipping causes damage. In the event that we do not catch a defective unit prior to shipping, or if an item is delivered in sub-par condition then we are committed to making sure that your experience with TSI is one that you will brag about to other people.

Apart from the items listed below, Tarping Systems, Inc. warranties all its products to be free from defects in material and workmanship for a period of thirty (30) days from the date of invoice

Product	Warranty Period
Tarps	30 days from date of invoice
Tarp Motors: APACHE &TOMAHAWK™	36 months from date of invoice
Tarp Motors: ENFORCER & DRONE	60 months from date of invoice
SlingShot Spring	36 months from date of invoice
Steel and Aluminum Side Arms	365 days from date of invoice







Ascensión - Cd Juárez #2670, Col. Villa Esperanza C.P. 32695 Cd Juárez, Chih., México Tel: +52 (656) 559-6148, 49 calidad@intrametmx.com www.intrametmx.com

ONE YEAR WARRANTY POLICY

INGENIERÍA EN TRANSFORMACIONES METALICAS SA DE CV and related companies (seller) warrants its new products to be free from defects in material or workmanship under normal legal use and service for a period of **ONE YEAR FROM THE DATE OF PURCHASE** (delivery). Sellers 'sole obligation, at its option, will be to repair or replace any products returned PRE-PAID to the factory, which upon inspection by INTRAMET are determined to be defective in material and/or workmanship.

Warranties shall not apply to normal wear and tear, maintenance, poor or lack of service, adjustment, or accident. Also not covered is any equipment which has been altered or had unauthorized repaired in any way, or any items determined to be misused, or poorly maintained.

Warranties shall not apply to components manufactured by persons other than INTRAMET including, but not limited to; cylinders, tires, suspension, axles, bearings, etc.

Any claim under this warranty must be submitted by written notification detailing the defect to INTRAMET in Ciudad Juarez Chihuahua, Mexico. Product must be authorized in writing by INTRAMET before being returned to the factory, transportation charges prepaid.

Seller makes no warranties, either expressed or implied, except as provided herein, including without limitation thereof, warranties as to the marketability, merchantability, or suitability for a particular purpose or use. In no event shall Seller be liable for any direct, incidental or consequential damages of any nature, or losses or expenses resulting from any defective product or the use of any such product, including any damages for the loss of time, inconvenience, or loss of use of any such product.

This warranty in no way obligates INTRAMET to bear any costs of field testing, transportation, or third-party repairs. INTRAMET reserves the right to change our specifications or designs at any time.

DATE OF PURCHASE: MODEL: COLOR: TYPE:

VIN#																	
CONFIRM VIN:																	
SUSP. SERIAL NUMBER:																	
SUSPENSION MAKE:																	
COMPANY NAME:ADDRESS: DEALER:LOCATION: PRODUCT MUST BE REGISTER CONTACT YOUR DEALER. BY SIGNING THIS WARRANTY, EXPRESSED IN IT. I HAVE READ AND UNDERSTAND OF MY KNOWLEDGE.	YOU O	ITHI	N 30 I	DAYS (OF PU	RCHA	HE MA	STATE, ES: MAN: ACTI ANUAL	VATE VATE	WARI	RANTY	Y. FOR	MORE O AGR	INFO	RMAT	ION, P	LEASE
CUSTOMER SIGNATURE					CU	JSTOM	ER NA	ME						D	ATE		



Maintenance Date:	Description





Ingeniería en Transformaciones Metálicas S.A de C.V

Address: Ascensión - Cd Juárez #2670,
Col. Villa Esperanza, 32695 Cd Juárez, Chih., México

+52 656 559 6148 calidad@intrametmx.com

