



# SST-37/40

Articulated/Telescopic Aerial Lift



## DEMAND BETTER

Unitrol Bucket Controls available for full hydraulic machines



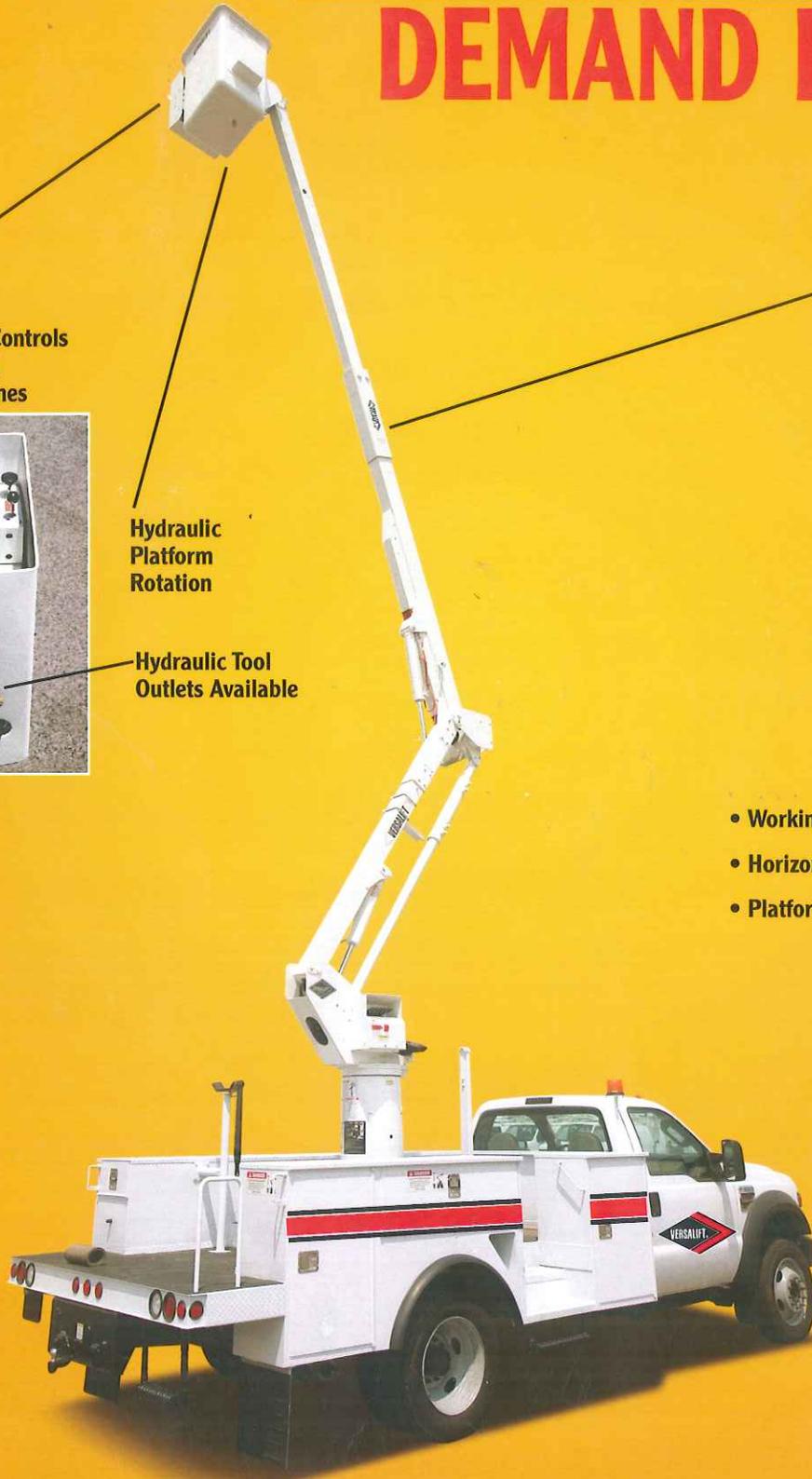
Hydraulic Platform Rotation

Hydraulic Tool Outlets Available

Patented Electroguard provides 42" insulation gap in fully retracted position insulated units only



- Working Height: Up to 45'
- Horizontal Reach: Up to 27' 9"
- Platform Capacity: Up to 440 lbs.



For more information about the SST-37/40 or any of the other outstanding VERSALIFT machines, contact your authorized VERSALIFT Distributor or call 1.800.825.1085.



# SST-37/40

Articulated/Telescopic Aerial

GENERAL SPECIFICATIONS	SST-37-EIH	SST-40-EIH	SST-37-ENH	SST-40-ENH	SST-37-NE
<i>(Based on 40 in (1.02 m) Frame Height)</i>					
Horizontal Reach	27 ft. 9 in. (8.5 m)				
Standard Platform Capacity	300 lbs. (136 kg)				
Maximum Platform Capacity (up to)	440 lbs. (204 kg)				
Outer Boom Lift Eye Capacity	500 lbs. (227 kg)				

## WITH STANDARD PEDESTAL

Height to Bottom of Platform	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)	37 ft. 0 in. (11.3 m)	40 ft. (12.2 m)	37 ft. 0 in. (11.3 m)
Working Height	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)	42 ft. 0 in. (12.8 m)	45 ft. (13.7 m)	42 ft. 0 in. (12.8 m)
Stowed Travel Height	10 ft. 4 in. (3.1 m)	10 ft. 4 in. (3.1 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)
Weight of Lift	2230 lbs. (1012 kg)	2335 lbs. (1059 kg)	2190 lbs. (933 kg)	2295 lbs. (1041 kg)	2190 lbs. (933 kg)

*(without oil and mounting hardware)*

## HYDRAULIC SYSTEM (ENH/EIH)

Operating Pressure	2250 PSI (158 kg/cm)
Flow Rate	3 GPM (11 lpm) on ENH/EIH 2 GPM (81 lpm) on NE
Filtration	10 micron return 100 mesh suction
System Type	Open center

## BOOM ACTION

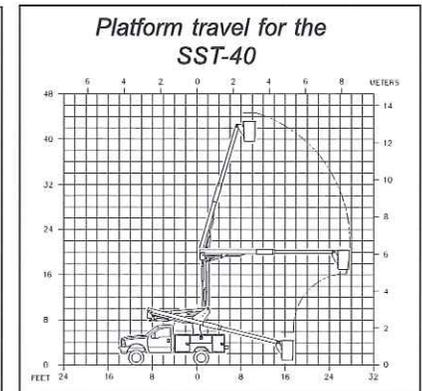
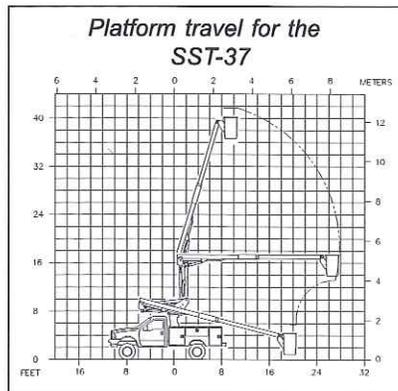
Inner Boom	116 in (2.9 m) Extension
Outer Boom	-14° to +74°
Lower Boom	-7° to vertical
Rotation	370° non-continuous

## INSULATION GAP *Insulated Units Only*

Upper Boom fully retracted	42 in. (1.07 m)
Lower Boom Insert (optional)	12 in. (0.3 m)

### NOTE:

- Specifications may vary without prior notification.
- Required GVWR can vary significantly with chassis, lift mounting location, service body, accessories, and desired payload.



- Electrical Resistant 4-Axis Control System
- Continuous Rotation
- 180° Rotating Platform
- Hydraulic Tool Circuit at the Platform
- Emergency Power
- Independent Outriggers
- Chassis Insulation System (Lower Boom Insert, Insulated Units Only)
- Two-Speed Throttle Control
- Front & Rear Torsion Bars
- 120 Volt to Platform (Non-Insulated Units)
- Unitrol H.R.



  
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# Drake-Scruggs Equipment, Inc.



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Phone: 217-753-3871  
Fax: 217-753-2760

4101 West Main Street  
Grandview, Missouri 64030  
Phone: 816-765-5525  
Fax: 816-765-8522

## ADDITIONAL PROVISIONS

1. If, for any reason, delivery is not made within 10 days from the date specified, the cash selling price quoted herein will be subject to adjustment to conform to our regular cash selling price of the goods covered by this proposal in effect at the time of delivery. If the price adjustment results in an increase in price, you shall have the privilege of accepting delivery at the increased price or canceling your acceptance of this proposal by giving written notice of such cancellation to us within 5 days after notice of such price increase is given to you.
2. You agree to accept the goods covered by this proposal, as fulfillment thereof, with such changes in design and materials, or either of them, which we might make.
3. If any sales or excise taxes now in effect, shall be increased, or any new sales, excise, floor or processing taxes shall be imposed by federal, state or local laws, you are to reimburse us for any and all such increased or new taxes that we may be required to pay or to reimburse to others by reason of the manufacture, purchase or sale of the articles and equipment covered by this proposal. The amount of such increased or new taxes may be billed as a separate item or added to the price of the articles and equipment to which they are applicable at our option.
4. We shall not be responsible for loss, damage or delays in transportation after shipment, nor for failure to supply any goods covered by this proposal or to deliver the same on time where prevented by strikes, fires or accidents, or by the demand exceeding the available supply, or by any other cause beyond our reasonable control.
5. Any cost incurred by Drake-Scruggs Equipment, Inc. as a result of either cancellation or change orders shall be passed to the buyer.

\*Delivery time is only an estimate this time may change due to unforeseen problems.

## WARRANTY

DRAKE-SCRUGGS EQUIPMENT, INC. Warrants each new article to be free from defects in material and workmanship under normal use and service, its obligation under this warranty being limited to making good any part or parts thereof which shall be returned to it with transportation charges prepaid, and which its examination shall disclose to its satisfaction to have been thus defective, provided that such part or parts shall be so returned to it not later than (90) days after delivery of such article to the original purchaser. This warranty is expressly in lieu of all other warranties expressed or implied and of all other obligations or liabilities on its part, and it neither assumes nor authorizes any other person to assume for it any other liability in connection with the sale of its equipment.

This warranty shall not apply to any article which shall have been repaired or altered outside of its shop in any way so as, in its judgment, to affect its stability, nor which has been subject to misuse, negligence or accident. Warranty on all new equipment is subject to the individual manufacturer as attached.

Transfer warranties are at time plus material basis with a \$1.60 per mile for travel time to and from customer location. Labor and parts are free up to a year on new components that Drake Scruggs equipment sold and installed.



## Six-Year Limited Warranty

### **Product Warranty - Six Years with Unlimited Mileage**

The Knapheide Manufacturing Company (hereinafter referred to as "KMC") guarantees the Knapheide Service Body, KUV Body, KSV Body, KSS Body, Crane Body, Line Body, Westerner Body, Knap Kap, Knap Pack and Tool Box sheet metal components will not "rust-through" as defined below. Standard door hinges, door latches and lock cylinders are guaranteed not to fail to operate due to a mechanical failure. Compartment shelving is guaranteed not to bend under the rated load of 250 pounds.

### **Product Warranty - Three Years or 36,000 Miles, Whichever Occurs First**

KMC guarantees the Knapheide Service Body, KUV Body, KSV Body, KSS Body, Crane Body, Line Body, Westerner Storage Body, Knap Kap, Knap Pack, Tool Box, Platform Body, Gooseneck Platform Body, Landscaper Body, Heavy Drop Side Contractor Body, Dump Body, Forestry Body and Water Truck Body to be free from defects in material and and/or workmanship for a period of three years or 36,000 miles, whichever occurs first. KMC guarantees the Platform Body, Gooseneck Platform Body, Landscaper Body, Heavy Drop Side Contractor Body, Dump Body, Forestry Body and Water Truck Body will not "rust-through" for a period of three years or 36,000 miles, whichever occurs first.

### **Warranty Coverage Duration and Limitation**

The warranty period begins on the date of purchase by the end-user, or one year from the date the product is shipped from KMC, whichever occurs first. This warranty is valid for product shipped from KMC after January 1, 2011 and still mounted upon the chassis it was originally installed, as solely determined by KMC. KMC will pay the cost of material and labor to repair or replace the defective product and reserves the sole right to inspect product claimed for warranty and determine the best course of action to remedy the warranty claim.

### **Exclusions from Warranty**

1. Product not installed by an authorized KMC distributor or agent.
2. All accessions (additions, add-on attachments, etc.) to the product not manufactured by KMC.
3. All product repairs, modifications and alterations performed without written authorization of KMC.
4. Products exhibiting damages or fatigue fractures due to accident, misuse, abuse, neglect, overloading, improper installation, severe off road applications or twisting loads induced by cranes or aerial devices.
5. Products not maintained per operator's manual.
6. Products sold by KMC but not manufactured by KMC (i.e. cranes, aerial lifts, lift gates, generators, compressors, pumps, hydraulic or pneumatic reservoirs etc.) Note: These products are covered exclusively by the product manufacturer's warranty in effect at the time of delivery, if any.
7. Paint, decals, or any finish (collectively "finish") not applied by KMC. Finish deterioration caused by chemical reactions including, but not limited to, acid rain, industrial fallout or improper cleaning materials. Provided, however, that as limited above, KMC warrants the product finish applied by KMC for one year from the beginning of the warranty period.
8. "Rust-through" of products for which the finish was not applied by KMC or an authorized agent, or where the product was used to transport corrosive materials. Note: "rust-through" is defined as corrosion that has created a hole through the metal.
9. Products purchased or used outside the U.S.A. and Canada.

**KNAPHEIDE HEREBY DISCLAIMS AND EXCLUDES ANY OTHER EXPRESS, IMPLIED, OR STATUTORY WARRANTIES, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

### **Limitations of Liability**

**UNDER NO CIRCUMSTANCES, WHETHER IN CONTRACT, TORT, OR OTHERWISE, SHALL KMC OR ITS AFFILIATE OR SUBSIDIARY COMPANIES, OR THEIR RESPECTIVE DIRECTORS, OFFICERS, SHAREHOLDERS, EMPLOYEES OR AGENTS' (HEREINAFTER COLLECTIVELY "KNAPHEIDE") TOTAL LIABILITY ARISING IN CONNECTION WITH THE PRODUCT EXCEED THE AMOUNT OF THE PROCEEDS RECEIVED BY KNAPHEIDE PURSUANT TO ANY CONTRACT OF SALE OR PURCHASE ORDER.**

**UNDER NO CIRCUMSTANCES, WHETHER IN CONTRACT, TORT, OR OTHERWISE, SHALL KNAPHEIDE BE LIABLE FOR LIQUIDATED, SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, EXPENSES, OR COSTS, INCLUDING, WITHOUT LIMITATION, LOST PROFITS, HOWSOEVER CAUSED AND EVEN IF THE POTENTIAL OF SUCH DAMAGES WAS DISCLOSED AND/OR KNOWN.**

### **How to Apply for Warranty Coverage**

All claims may be handled by contacting your nearest Knapheide Distributor or by contacting The Knapheide Manufacturing Product Support Center.

A list of Knapheide Distributors can be found at [www.knapheide.com](http://www.knapheide.com)

Product Support Center E-mail [productsupport@knapheide.com](mailto:productsupport@knapheide.com)

Product Support Center Phone 217.592.5233



### OWNER'S WARRANTY

The **Versalift** Aerial Device is engineered and designed to perform as stated on published specifications. Only quality material and workmanship are used in the manufacture of this product. With proper installation, regular maintenance, and periodic repair service, the equipment will provide excellent service.

Those parts of the **Versalift** manufactured by **Time Manufacturing Company** are warranted for one full year from date of purchase. This warranty also includes a lifetime structural warranty on all major components such as the turret, pedestal, boom, etc. This warranty is issued only to the original user and promises that **Time Manufacturing Company** manufactured products are free from defects in material and factory workmanship when properly installed, serviced, and operated under normal conditions, according to the manufacturer's instructions.

Manufacturer's obligation under this warranty is limited to correcting without charge at its factory any part or parts thereof which shall be returned to its factory, or one of its Authorized Service Stations, transportation charges prepaid, within one year after being put into service by the original user, and which upon examination shall disclose to the Manufacturer's satisfaction to have been originally defective. Correction of such defects by repair to, or supplying of replacements for defective parts, shall constitute fulfillment of all obligations to original user.

This warranty shall not apply to any of the Manufacturer's products which must be replaced because of normal wear, which have been subject to misuses, negligence or accident, or which shall have been repaired or altered outside of the Manufacturer's factory unless authorized by the Manufacturer.

Manufacturer shall not be liable for loss, damage, or expense directly or indirectly from the use of its product or from any cause.

The above warranty supersedes and is in lieu of all other warranties, expressed or implied, and of all other liabilities or obligations on part of Manufacturer. No person, agent, or dealer is authorized to give any warranties on behalf of the Manufacturer or to assume for the Manufacturer any other liability in connection with any of its products unless made in writing and signed by an officer of the Manufacturer.





## QUALITY PAINT PROCESS

From the first VERSALIFT built in 1967 to the business specific products produced by TIME Manufacturing today, a common thread has been to provide safe, dependable, and affordable equipment for our customers.

TIME Manufacturing (TIME) takes ownership of each VERSALIFT unit that is produced. From start to finish, the goal is to maintain the high level of quality each and every time.

In keeping with our core beliefs, TIME utilizes both an epoxy primer and urethane topcoat. The combination of these two products provide TIME the confidence of a durable, dependable, and *versatile* paint system to meet or exceed our customers' most demanding specifications.

In 1999, TIME investigated several different coating options as it pertained to our current manufacturing process. In the end, it came down to an Epoxy/Urethane Liquid System versus Powder Coating. Coupled with this were the following criteria:

- |                    |                       |
|--------------------|-----------------------|
| -- Durability      | -- Appearance         |
| -- Current Process | -- Color Availability |
| -- Cost            | -- Maintenance        |

### DURABILITY

At TIME, our steel substrates, (booms, masts, pedestals, etc.), are prepared by shot blasting to one mil of profile. The gauge steel used for control panels, access covers, etc. Are all phosphate washed. Proper preparation is the backbone of durability with any coating system.

In comparing powder coating to liquid coating, powder systems lend themselves to provide better protection against corrosion on flat surfaces. Liquid systems enhance the corrosion protection on edges and corners, which are typically high chip areas, as well as providing quality corrosion protection on flat surfaces.

### APPEARANCE

Here again, both systems are very compatible. However, a liquid paint system lends itself to greater flexibility. With over 3,000 colors to choose from, TIME can provide our customers with the color of their choice from solid or metallic finishes. And since our suppliers are global, we can extend these options to our overseas customers.

### PROCESS

Our process is oriented to our customer, not our coating system. TIME builds and paints each unit individually to each customer's specification including hydraulic cylinders, gearboxes, and motor casings. Additionally, each man-lift will utilize varying gauges of steel. Given such parameters, a liquid system allows us to prime and topcoat each order at one time.

In a powder system, baking at 225°F is required for curing purposes. Since we prefer to build each VERSALIFT one at a time, baking at those high temperatures would

pose curing concerns due to the varying thickness of steel and the leaking of critical fluids from the excessive heat.

### COLOR AVAILABILITY

At TIME, we understand customers have specific requirements for the products that we manufacture. Many times this crosses over into color. Our partnerships with our paint suppliers allow not only our ability to provide you the color of your choice, but the same global resources for you, the customer, to purchase the same color and quality for maintenance and repairs. This is not an option available with powder coating systems.

### COST

One of our core beliefs at TIME is producing affordable, quality products. A liquid coating system allows us to maintain these beliefs. TIME has made significant investments in higher quality machines for cutting our steel, maximizing each piece, and an upgraded process for preparing our steel. Such investments have increased our productivity and quality, while maintaining a competitive price in the market place.

Powder coating would require our process to change in response to baking time and temperatures required to cure the powder coating. This additional baking equates into increased energy costs. This is not the case when using a liquid coating system.

### MAINTENANCE

When purchasing a new piece of equipment, the last thing customers need to concern themselves with is maintenance. A piece of equipment in the yard equals lost revenue and time.

Reliability is what sets VERSALIFT from TIME apart from the rest, and this mindset is what drives us to build the best products in the lift industry. We realize that our lifts may not always have the same owner or company colors over its lifespan. From our viewpoint, maintenance of the coatings plays a vital role in the life of our product. The primary function of a coating system (liquid or powder) is to provide a protective film over a substrate whether it is steel or fiberglass. A maintenance program that includes repairs to the damaged coating can reduce the potential of corrosion to the steel substrate and of moisture wicking into the fiberglass.

Repairs to liquid coatings versus powder coatings are normally easier to address and require less time and money. Powder coatings, however, mean different chemistry from the original to repair, color match concerns, and prep concerns due to the harder surface.

At TIME we continually strive to provide the man-lift industry with quality products and innovations. This was our core belief in 1967, and continues today.