

PALFINGER

BUCKET TRUCK



PALFINGER.COM

INTRO

We know the importance of safety out in the field, and we took that to heart in the design and build of our bucket trucks. PALFINGER bucket trucks are manufactured with industry-proven technologies that enhance operator safety and efficiency. We know that you want a product you can rely on and trust, and that is why we go above and beyond with our internal testing to meet ANSI requirements to ensure that the product we deliver is of the highest quality. In addition, every bucket truck we manufacture features low maintenance requirements and exceptional serviceability, providing operators with a cost-effective and economical aerial device.

Our complete line of insulated and non-insulated bucket trucks can be purchased as a turn-key package, customized, or rented on a short or long-term basis. We are committed to supporting your bucket truck needs. We know that every customer is different, and that is why we designed our product with YOU in mind:

- The Fleet Managers – who want minimal downtime, reliability and a partner that is easy to do business with
- The Safety Manager – safety that brings your operators home each night
- The Company – that needs optimal cost of ownership and a partner that is only a phone call away call
- The Operator – who prioritizes personal safety, needs a customized solution to fit the application and confidence in the machine





The result is a product with proven reliable controls, a focus on safety, and a strong body. We pay attention to the body design to make sure that it fits our customer's needs and that it is built to stand the test of time. We keep an eye on the future with a commitment to innovative new technologies and flexible solutions, as we know customers don't always fit into the same box. We stand by our products as we still make them like we used to, upholding a high quality and backing it up with our national service network, which will keep you on the road, working day after day.

YOUR SAFETY. OUR REPUTATION.

SAFETY

- No fishing pole effect—does not bounce side to side and up and down
- Application-specific heat shields to protect critical components. This minimizes the risk of heat damage and potential fire hazards
- CAN communication integration with chassis interlocks
- Our models have hydraulic tanks protected inside the pedestal to minimize leakage and damage

Excluding ETC MH 40 IH

- Optional lighting packages to improve visibility in low light conditions creating a safer ground working environment
- Designed to easily accept third-party safety devices such as phase holders
- We keep our products as compact as possible to allow easy operation and control near obstacles.

Minimizes risk of:

- Collision with structures
- Live line contact





HIGHLIGHTS

Stability: We created a stable bucket that ensures the operator more confidence and safety while operating

Active Listening: We listen to the needs of customers to identify solutions to their unique situations and industries. We visit our customers regularly to make sure their needs are being met and to identify optimizations.

Easy to Work On: Our products are specifically designed with easy-to-access service points for ease of use when servicing the product.

ETT 29 SNT

The 34-foot, telescopic, aerial-mounted, non-insulated ETT 29 SNT has robust standard features and is customizable, making it efficient and adaptable to your field service needs. Its standard hydraulic platform leveling, electric over hydraulic upper and lower controls, extended gear shaft for manual rotation, adjustable wear pads, and replaceable pin bushings deliver the height, reach, and ease of use you need.



< ETC 35 SNT

PALFINGER's non-insulated ETC 35 SNT offers standard 390° non-continuous rotation, emergency upper boom-controlled descent, adjustable wear pads, and replaceable bushings for pins. The 350 lbs. capacity bucket also features engine start/stop, hydraulic leveling, an extended gear-drive shaft for manual rotation, and variable speed controls.

ETT 29 SNV

PALFINGER's innovative ETT 29 SNV is a van-mounted non-insulated aerial unit with a hydraulic platform leveling electric over hydraulic upper and lower controls. Features include an oversize-bucket and door, an extended gear shaft for manual rotation, ground-accessible controls, replaceable pin bushings, and adjustable wear pads.



ETC 40 IH

- < PALFINGER's powerful ETC 40 IH features continuous rotation, single-handle bucket control, in-basket and turret full-pressure hydraulic controls, and manual shear ball rotation. In addition, the 24"x30" bucket offers engine start/stop and tilt/rescue features.

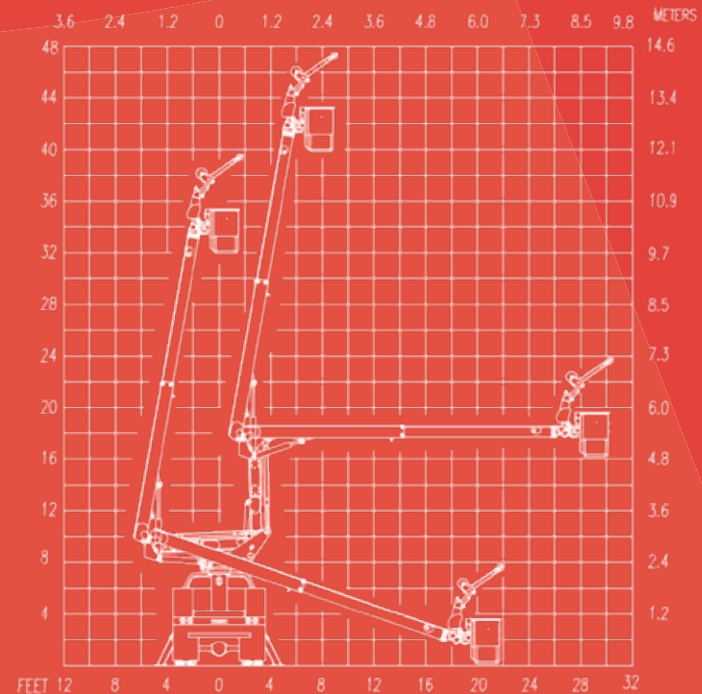


ETC MH 40 IH

- < With a 40' working height, 30' side reach, a 24" x 30" bucket, and continuous rotation, the ETC MH 40 IH delivers the maneuverability and reach you expect from a PALIFINGER bucket truck. Single-handle control, basket and turret full-pressure hydraulic controls with complete feathering capabilities, an extended shear ball rotation shaft, replaceable pin bushings, an emergency lowering valve, and engine start/stop at the bucket are powerful standard features

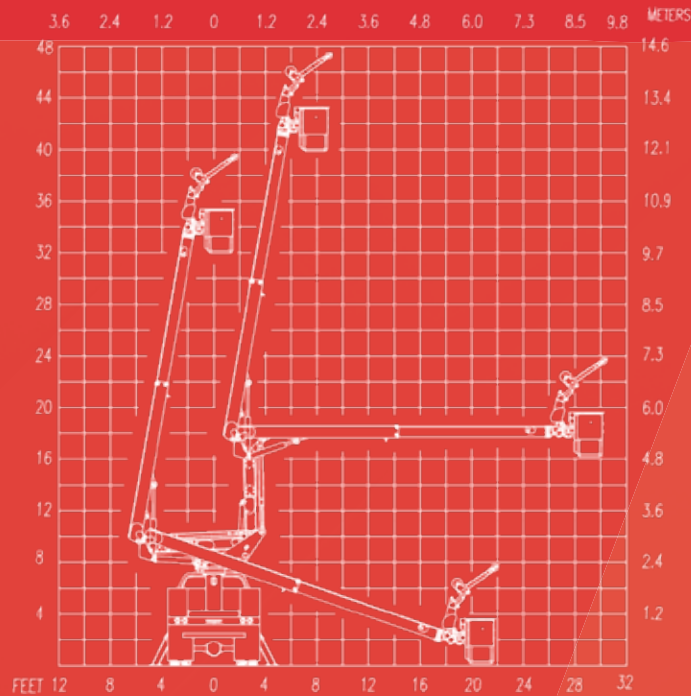
Maximized lifting capacity over a wider range of boom positions

Maximized payload in the truck bed



ETC MH 37 IH

The ETC MH 37 IH insulated truck offers basket and turret full-pressure hydraulic controls with complete feathering capabilities and continuous rotation. The hydraulic winch and 5' jib allow up to 1,000 lbs. material handling, while the 24" x 30" bucket has tilt/rescue controls, engine start/stop, and a 90° rotator. Its two sets of outriggers, hydraulic tool circuit, jib extension, and 42' working height make PALFINGER's ETC MH 37 IH a powerful aerial unit.



Maximized lifting capacity over a wider range of boom positions

Maximized payload in the truck bed



GENERAL SPECS:

Height to Bottom of Bucket	Working Height	Side Reach End Mount	Rotation	Lower Boom Articulation	Upper Boom Travel	Stowed Height	Rated Bucket Capacity	Winch capacity
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MINIMUM VEHICLE REQUIREMENTS:

GVWR (dual rear wheels)	GAWR (front)	GAWR (rear)	C.A.	ANSI
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ETC MH 40 IH	40'	45'	30'	Continuous	-3° to 89°	-23° to 80°	n/a	400 lbs.	n/a	19,500 lbs.	n/a	n/a	84 in.	92.2 Category C 46kV and below
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ETC 35 SNT	35'	40'	27'	390° Non-Continuous	0° to 94°	-17° to 74°	10' 8"	350 lbs.	n/a	15,000 lbs.	n/a	n/a	60 in.	Non-Insulated
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ETC 40 IH	40'	45'	29' 4"	n/a	n/a	n/a	10' 4"	400 lbs.	n/a	19,500 lbs.	7,000 lbs.	13,500 lbs.	60 in.	92.2 Category C 46kV and below
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ETC MH 37 IH	37'	42'	27' 5"	Continuous	0° to 95°	-17° to 76°	10' 2"	400 lbs.	1000 lbs.	19,500 lbs.	n/a	n/a	84 in.	92.2 Category C 46kV and below
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HYDRAULIC SYSTEM:

Operating Pressure (min)	Operating Volume
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2,000 psi 2.5 gpm

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ELECTRIC POWER **YOU CAN DEPEND ON**

EASILY CHARGED WITH MAXIMUM FLEXIBILITY

While the operator is driving the truck or if the Auto-Start function is activated, the eDrive system can be easily charged. Shore power charging is also available by plugging into a 110V (15 Amp) household outlet.*

EASILY CHARGED WITH MAXIMUM FLEXIBILITY

Digital Power Management & Monitoring System with available Bluetooth Smartphone Interface.

LOWER OPERATING COST

The eDRIVE system can save costs during operation or when charging the battery system via power grid. In addition, the bucket truck operating via eDRIVE will also reduce the operating hours of the vehicle by using less fuel, reducing engine hours and therefore oil changes.

EXPORTABLE POWER

Configurable output: 120V, 240V, 208V 3-phase, DC.

MAXIMIZED PERIOD OF APPLICATION

The Chassis Auto-Start System allows for maximum idle-free work while still protecting the power system, while the battery capacity allows enough power for a typical full day of work.





EMISSION-FREE FOR A BETTER WORKLOAD

Operations in noise- and exhaust sensitive areas are easily possible, for an increased workload of the lifting solution. Whether in the city center or in the inside of buildings, at off-peak times early in the morning or in the evening – the PALFINGER eDRIVE system can ensure an emission-free bucket truck operation.

POWER IN YOUR HANDS

More power with less weight due to the high-density Lithium-Ion battery technology, the highest energy density available on the market.

AVAILABLE MODELS WITH EDRIVE

	Working Height	Side Reach End Mount	
ETT 29 SNT Non-Insulated	up to '35	up to 22'9"	
ETC 35 SNT Non-Insulated	40'	26'	
ETC 40 IH Insulated	45'	29'4"	
ETC MH 40 IH Insulated	45'	30'	

POWER PACK WEIGHTS

13.5KWH (~234 lbs.)*
6.7KWH (~130 lbs.)



POWER DISTRIBUTION HUB (PDH)



GENERATION
(ALTERNATOR / SOLAR)
6,000W - 11,000W



STANDARD SHORE POWER
120V or 220V



STORAGE
6.6kWh - 100kWh



- Cab Comfort Cooling System
- 120V Appliances
- Worksite Tools
- Hydraulics

WARRANTY AND SERVICE

3 YEARS WARRANTY:

3 year, 36,000 mile or 1,000 cycle directly backed by supplier.

Our service technicians are specially trained to work on your bucket truck with eDrive System, and are equipped to perform preventative maintenance, repairs, and inspections directly on-site or at one of our service locations.



PALFINGER

SERVICE AND SUPPORT

PALFINGER'S nationwide maintenance and repair centers and mobile field service fleet are always close to you, maximizing the uptime of your bucket truck while extending service life and maximizing safety. Our service technicians are specially trained to work on your bucket truck. They are equipped to perform preventative maintenance, repairs, and inspections directly on-site or at one of our service locations.

Receive the best service and maintenance from our expert professionals who know your **PALFINGER** bucket truck inside and out!



MAINTENANCE

Preventative maintenance and regular servicing extend the service life of your bucket truck and maximize your safety. As the gold standard in servicing bucket trucks, we're here to help you extend the service life of your significant investment.

REPAIRS

In the unlikely event of equipment issues, our nationwide service centers and a fleet of field service trucks are equipped with the tools and spare parts necessary to perform small and large repairs on-site. In addition, our field service technicians are trained and equipped with the latest technology to minimize downtime.

A male technician with short brown hair and a goatee, wearing safety glasses and a blue short-sleeved button-down shirt with a PALFINGER logo on the chest, is working on a piece of equipment. He is wearing black gloves and is focused on his task. The background shows a workshop environment with shelves of parts, a red flag with the PALFINGER logo, and various tools and equipment.

INSPECTIONS

Our knowledgeable and friendly service technicians are proud to offer American National Standards Institute (ANSI) and U.S. Department of Transportation (DOT) inspections on your bucket truck because we are committed to lifetime excellence.



PALFINGER

PARTS & ACCESSORIES

Don't let waiting for a part slow you down. **PALFINGER** inventories 99% of boom and body parts for your bucket truck 100% of the time! Are you looking for a part? We ensure we deliver what you need as quickly as possible—because parts delivery should be efficient and easy!

MOBILE SERVICE & NATIONWIDE SERVICE CENTERS

Our mobile service and nationwide service centers are both fully equipped to provide onsite maintenance, repairs, and inspections on your **PALFINGER** Bucket Truck. In addition, our service centers are conveniently located throughout North America to serve you better.

WARRANTY:

Limited lifetime warranty on aerial lift (major structural components)

1 - year component warranty

2 - year structural components of service body warranty and 5-year corrosion perforation –service body

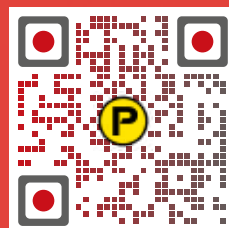


Note: Please see the full warranty policy to see all warranty specifications and requirements.



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Disclaimer:

All specifications are based on the 40" frame height and subject to change without notice. Bucket trucks shown in this brochure are partially optional equipped and do not always correspond to the standard version. Country-specific regulations must be observed. Dimensions may vary. Subject to technical changes, errors and translation mistakes.