



An Oshkosh Corporation Company



TIRE SERVICE VEHICLES

Commander, Predator, and TireHand Field-service Vehicles

PROVIDING TOTAL WORK SOLUTIONS

IMT® tire and field-service vehicles are designed to do more than just survive punishing off-road conditions. They are fully integrated packages engineered to get the job done reliably and efficiently. A fully engineered air system, maximum storage, the powerful IMT Commander®, TireHand® and wireless remote controls are designed to help get your customers up and running faster than ever. IMT® Predator trucks are designed to provide the ultimate in tool storage without sacrificing payload capacity. Designed with the operator in mind, each product is created as a fully integrated system that utilizes matched components and application-specific features.



THE PREDATOR® SERIES

IMT Predator field-service trucks are designed to provide the ultimate in tool storage without sacrificing payload capacity. Designed with the operator in mind, each Predator product is created as a fully integrated system that utilizes matched components and application-specific features. In addition to building superior equipment, IMT provides cutting-edge business tools to help you increase vehicle utilization and reduce operating costs.

> STANDARD FEATURES

- Heavy-duty aluminum service body
- Maximum storage capacity
- Hydraulically driven air system
- Premium electrical system
- ValuePlus Fleet ManagementSM
- Emergency strobe light
- Work-area floodlights
- Compartment and cargo lights
- Hour meters
- Axalta™ Imron Elite® paint
- Backup alarm



IMT electric-hydraulic liftgates feature a unique hydraulic cylinder lift design that reduces the downtime experienced with cable-lift models. Corrosion-resistant nonskid grated platforms provide secure footing and long-lasting visibility of your company's identification package. Integrated lighting, power shutoff safety switch, tire-stop and siderail are standard.



Incorporating needs of service technicians, all IMT Predator service vehicles feature maximum storage capacity while preserving valuable cargo space. Boasting high-quality lockable storage areas, Predator vehicles allow you to carry all of your tools, service books, repair materials, valve hardware and wheel hardware in an organized manner.



PREDATOR VEHICLE STORAGE AND CARGO CAPACITIES

Specifications	Predator 8513	Predator 8516
Approx. Total Payload Available	Up to 6250 lb (2835 kg)	Up to 8700 lb (3946 kg)
Compartment Storage Capacity	85 cu ft (2.4 m ³)	89 cu ft (2.5 m ³)
Deck Cargo Area	81.3 sq ft (7.6 m ²)	100 sq ft (9.3 m ²)
Min. Chassis GVW	11,000 lb (4989 kg)	19,000 lb (8618 kg)



THE COMMANDER® SERIES

A choice of four models in the Commander series ensures a more precise fit to specific tire-handling needs. **Commander I** is typically utilized by agricultural and commercial trucks, it is also suited for certain mining applications. The **Commander II** and **III** are utilized by several markets including road-builders and contractors. The **Commander IV** is ideal for the most challenging applications including servicing mining equipment tires.

> STANDARD FEATURES

- Heavy-duty steel service body
- Maximum storage capacity
- Hydraulically driven air system
- Premium electrical system
- ValuePlus Fleet ManagementSM
- Emergency strobe light
- Work-area floodlights
- Compartment and cargo lights
- Hour meters
- Axalta™ Imron Elite® paint
- Backup alarm



EFFICIENCY-ENHANCING FEATURES

The TireHand® tire manipulator can be rotated and tilted forward or back, as well as side-to-side with feathered precision. By combining this maneuverability with excellent overall visibility, the operator can easily position and mount the tire and rim assembly. This allows labor-saving, single-person operation, eliminating hours from every tire change. The IMT TireHand tire manipulator offers the fastest, most reliable way to mount and dismount massive tires. Lift arms clamp the tire firmly to maintain a secure hold. Rim hardware handling attachments are available with some Commander models. Built for a wide range of sizes, the TireHand unit can accommodate the largest tires in operation today.



Extension stabilizer cylinders are designed to withstand the rigors of changing off-the-road tires. The cylinders are fully protected to provide longer component life and reduce maintenance.



COMMANDER VEHICLE STORAGE AND CARGO CAPACITIES

Model	Max. Crane Capacity at 10'	Max. Tire Weight Handled with TireHand	Approx. Total Payload Available
Commander I	5200 lb (2359 kg)	N/A	Up to 8500 lb (3856 kg)
Commander II	7400 lb (3357 kg)	Up to 3000 lb (1361 kg)	Up to 10,000 lb (4536 kg)
Commander III	12,000 lb (5443 kg)	Up to 7000 lb (3175 kg)	Up to 7000 lb (3175 kg)
Commander IV	N/A	Up to 14,000 lb (6350 kg)	Up to 13,000 lb (5897 kg)



TIREHAND® TIRE MANIPULATOR

The IMT® TireHand attachment installs and rotates the massive tires on mining and construction equipment. It's available in loader or forklift truck-mounted options, accommodates tires up to 36,000 lb (16,329.3 kg), and includes lateral shifting, optional quick-coupler attachments, as well as tire and rim assembly capabilities. It also features 100° body rotation — giving the operator flexibility and control from the security of its integrated control console.

> STANDARD FEATURES

- Up to 36,000 lb (16,329.3 kg) capacity
- Hydraulic fallback protection
- Rim flange hardware handling pads
- Can be mounted on forklift or loader

> OPTIONS

- Proportional remote controls
- Long or short arm length available on specific models
- Lateral shifting capabilities
- Video monitoring system



PADS
The new TireHand pad enhances the ability to handle the flange ring and gripping the tire.



PAD ROTATION
Continuous pad rotation gives operators the ability to manage the rotation of tires 360 degrees.



FALLBACK PROTECTION
Hydraulically operated from the cab to either open or closed positions for added safety on the jobsite.

SPECIFICATIONS

Model	Max. Capacity	Body Rotation System	Pad Rotation System	Forklift Mounted Weight	Loader Mounted Weight	Clamping Span
TH5K115	5500 lb (2494.8 kg)	350° Gear	120° Rotating pads	2500 lb (1134 kg)	2500 lb (1134 kg)	28" – 115" (71 cm – 292 cm)
TH10K135	10,000 lb (4535.9 kg)	100° Cylinder	360° Rotating pads	8750 lb (3968.9 kg)	9750 lb (4422.5 kg)	52" – 135" (132.1 cm – 342.9 cm)
TH15K160	15,000 lb (6803.9 kg)	100° Cylinder	360° Rotating pads	9200 lb (4173 kg)	10,200 lb (4626.6 kg)	43" – 160" (109.2 cm – 406.4 cm)
TH20K167	20,000 lb (9071.9 kg)	100° Cylinder	360° Rotating pads	10,500 lb (4762.7 kg)	11,650 lb (5284.4 kg)	50" – 167" (127 cm – 424.2 cm)
TH25K164 Short Arm	25,000 lb (11,339.8 kg)	100° Cylinder	360° Rotating pads	13,550 lb (6146.2 kg)	16,100 lb (7302.8 kg)	48" – 164" (121.9 cm – 416.6 cm)
TH25K164 Long Arm	25,000 lb (11,339.8 kg)	100° Cylinder	360° Rotating pads	13,850 lb (6282.2 kg)	16,415 lb (7445.7 kg)	48" – 164" (121.9 cm – 416.6 cm)
TH36K164 Short Arm	36,000 lb (16,329.3 kg)	100° Cylinder	360° Rotating pads	13,900 lb (6304.9 kg)	16,500 lb (7484.3 kg)	48" – 164" (121.9 cm – 416.6 cm)
TH36K164 Long Arm	36,000 lb (16,329.3 kg)	100° Cylinder	360° Rotating pads	14,200 lb (6441 kg)	16,750 lb (7597.7 kg)	48" – 164" (121.9 cm – 416.6 cm)

PRECISION IMT® TIRE SERVICE TRUCKS

IMT tire service trucks are available in a variety of lifting capacities and provide solutions to applicationspecific needs.

- Storage areas offer the ultimate in tool storage without sacrificing payload capacity. You can easily carry and organize tire-changing tools and repair materials by using the efficiently designed storage areas, adjustable shelving, and pullout drawers made of galvanized steel. Storage compartments also offer strategically placed hose reels. *Commander only.*



- Wireless remote controls (optional) are fully proportional to enhance the precise positioning of loads and overall TireHand maneuverability. Hand-held or belt-mounted, IMT wireless remotes offer smooth, safe, visible tire-changing operation. *Commander only.*



- The crane, compressor, lighting and safety equipment electrical systems incorporate a clearly labeled, automotivetype weatherproof wiring harness. All lighting is activated by a wireless remote-control switch — eliminating wiring to the electrical system of the chassis.

Axalta Imron® polyurethane coating provides an outstanding finish with high luster and durability. Axalta Imron coating is standard on all factory-painted vehicles. *Predator only.*



- Standard wireless remote controls are fully proportional to enhance the precise positioning of loads and overall crane maneuverability. IMT wireless remotes offer smooth, safe, visible tire changing operation. *Predator and Commander I models only.*



DEDICATED TO DELIVERING THE BEST PRODUCTS AND SERVICE.

We began in 1961, providing innovative tread designs for retreaded tires. Since then, we have evolved into a leading manufacturer of truck-mounted cranes, mechanics trucks, lube trucks, tire trucks, and air compressors for building supply, construction, tire service, public works, equipment dealers, mining, railroad, rental, and propane markets around the world. As an organization, we strive to become your supplier of choice by offering products and services that set the standard of excellence in quality, value, and performance.

In addition to the products in this brochure, we offer the following:

DOMINATOR®

Designed with enhanced strength and stability for higher crane loads, as well as numerous configuration possibilities, our mechanics trucks deliver raw power, flexibility, and work-saving features.



ARTICULATING CRANES

feature impressive lift-to-weight ratios and are recognized for proven reliability. You'll get a wide range of lifting capacities, hydraulic reaches, and application-specific designs.



SITESTAR®

SiteStar lube trucks carry fuel, oil, grease, antifreeze, and other fluids, enabling you to perform complete lubrication services in the field. They improve the performance and longevity of equipment.



HYDRAULIC LOADERS

provide excellent lift capacity, extensive reach, precise maneuverability, and exceptional operator visibility, so they're ideal for handling virtually any stacked or palletized material.



NOTHING SAYS COMMITMENT LIKE THE DIAMOND.™

IMT has been meeting the needs of our customers for over 50 years, and none of it would have been possible without a distributor network that's second to none. IMT distributors offer fast, knowledgeable service and the ability to help customers find the right product for every application. When you're looking for reliable equipment and dependable service, remember IMT.



An Oshkosh Corporation Company

Iowa Mold Tooling Co., Inc. | 500 Highway 18 West | Garner, Iowa 50438 | 800-247-5958 | imt.com

IMT reserves the right to make changes in engineering, design, and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation. IMT, the IMT logo, Commander, Predator, TireHand and NOTHING SAYS COMMITMENT LIKE THE DIAMOND are registered trademarks or trademarks of Iowa Mold Tooling Co., Inc., Garner, IA, USA.
© 2018 Iowa Mold Tooling Co., Inc. All Rights Reserved.