

GIANT TIRE HANDLING EQUIPMENT



THE **MANTIS** LINE
IOWA MOLD TOOLING COMPANY, INC.

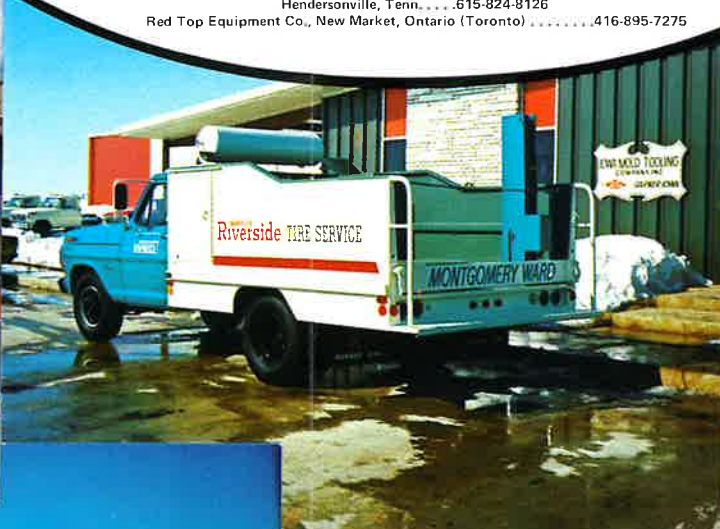


From compact fleetside pickup to super giant tire service trucks, IMTCO service trucks are fully equipped to solve every tireman's needs. The trucks shown here are only a sampling of the many service trucks manufactured by IOWA MOLD TOOLING COMPANY, INC. Each truck is custom built, designed to meet the customer's specifications; built with our ingenuity and know-how; and built entirely in our newly enlarged facilities in Garner. IMTCO's full range of hydraulic cranes, wide selection of air compressors, P.T.O. driven calcium chloride systems, hydraulic tailgates, and many more options make our service trucks incomparable. We leave the selection of equipment necessary to fill your needs up to you — you leave the manufacturing of high quality, dependable heavy-duty equipment and economy of operation up to us. The time, effort and money you save with an IMTCO service truck, means greater profits for you. If you would like to know more, take time right now and give us a call.



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THE MANTIS LINE *of Industrial Cranes*

Inside these pages IOWA MOLD TOOLING COMPANY, INC. presents its full line of tire handling equipment, from largest to smallest crane, off-the-road service trucks and giant haul trucks, and a complete variety of tire handling accessories. In a world of increasing mobility, the great need for **safe**, effective, yet easy methods of servicing tires is always present. IMTCO takes pride in presenting the most complete and up-to-date methods of tire servicing to help you save time and manpower, while increasing your profits with the most modern methods used today. All equipment is American made, designed and manufactured entirely in our modern facilities in Garner, Iowa, by men with years of experience in the tire service business.

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Featured on the cover is "The Mantis", namesake for IMTCO's complete line of industrial cranes. For more information on "The Mantis" see page 2.

THE MANTIS 20,000

The ever-increasing size of tires and a safe method of handling these tires brought about the development of IMTCO's mammoth crane, "The Mantis". A proto-type of this crane was first built in 1969 to handle 36.00 x 51, 10 ft. diameter tires without the use of chains, slings and smaller, sometimes ineffective cranes. The clamping method of tire handling eliminates the danger and uncertain placement of tires during mounting, dismounting and handling. This proto-type is now reflected in our TIREHAND 10 and 7 shown on pages 12 and 13. However, the development of the 40.00 x 57, 60 ply, 11½' diameter tires led to the plans for a 20,000 lb. capacity crane. These huge tires are used on strip mine dump trucks capable of

hauling 200 tons of ore. Changing these tires consumes precious hours and manpower using older methods. Thus, The Mantis was developed. Ease and versatility in manipulating the largest tires in the world with safety for the operator became our primary concern. The "Mantis" safely handles these tires and will accommodate up to 14' tires of the future. The 3-pronged clamp is capable of changing tires on and off the rim in close quarters, yet has an extended reach of 22½ feet. Precision remote controlled, one operator can safely view the work area from a distance and quickly and effectively change tires in a matter of minutes where formerly many hours of labor plus manpower were wasted.



SPECIFICATIONS

SLEWING SYSTEM

- Turntable ball and roller bearing type, with internal gears. Equipped with 29 to 1 gear reducer driven by an orbit motor.
- Full 360° rotation angle.

TIRE CLAMP

- Three hydraulic cylinders allow 3 telescoping arm assemblies to clamp the tire.

HYDRAULIC SYSTEM

- The hydraulic pump is of the double pump type with the high side of 17 GPM and low side of 7.5 GPM.
- The outriggers are on a separate system controlled by a selector valve. These are hand operated, 4 spool, valves.

TRI-AXIAL MOVEMENT

- 360° rotational movement is provided by a ball and roller bearing, driven by a 44 to 1 gear reducer, with an orbit motor.
- Swing movement is provided by a hydraulic cylinder attached to a pivot post with two tapered roller bearings for very smooth operation.
- The tilt feature is operated by two hydraulic cylinders attached to a yoke assembly, pivoting on a bronze bearing.

CONTROLS

- The main system is controlled by means of solenoid selector valves. These are remote controlled through one central control box. Included in the control is an engine speed control for higher RPM's when needed.
- An override located on top of clamp is an alternate means of control for each main system. These are in case one or more of the solenoids should fail to operate.



Clamp legs when fully extended will easily accommodate the even-larger tires of the future.

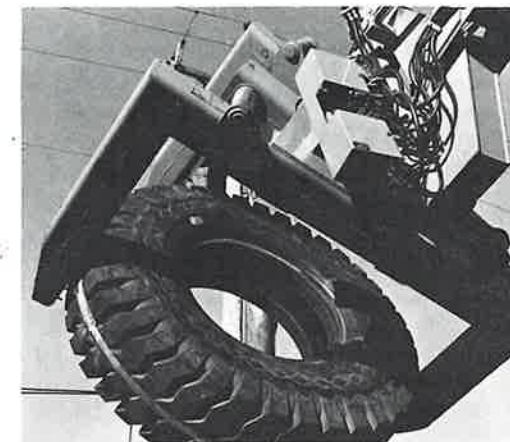
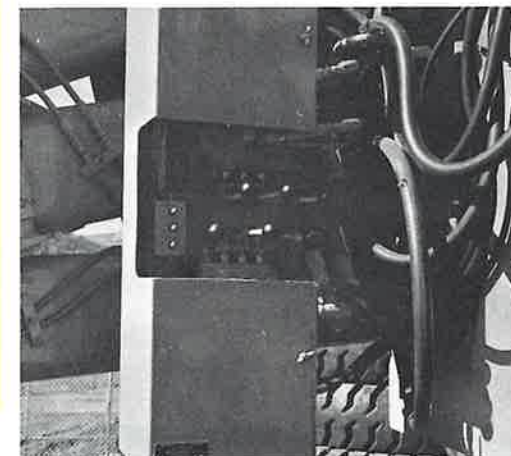


Handling two tires at a time, storage and stacking of the largest tires in the world is done quickly and efficiently.

STANDARD EQUIPMENT

- Four outriggers which extend 3 feet hydraulically for a combination of 13 feet overall.
- Main boom is 13 feet long with 9 ft. hydraulically extended inner boom for total length of 22½ ft. reach.
- Three arm clamp with hydraulic telescoping arms.

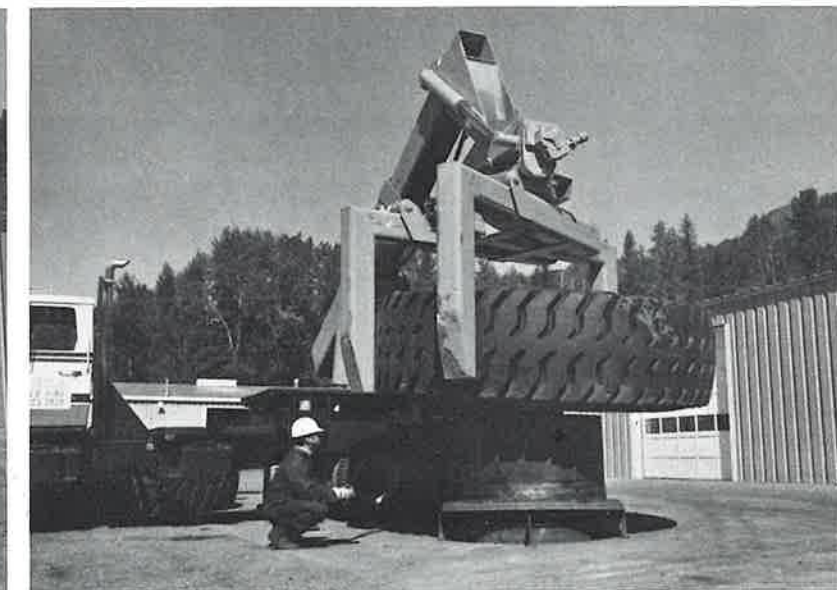
Alternate means of control in case of solenoid failure are located on top of clamp in manual controls override.



Bird's eye view of clamp shows intricate yet compact design of clamp mechanism.



Rim removal is quickly accomplished with clamp in close quarter position.



The clamp's precision accuracy and maneuverability make replacement of tire on rim a simple task.



THE MANTIS 10,000

- THE ULTIMATE IN OFF-THE-ROAD AND CON-TRACTOR TIRE SERVICE WORK
- 14,000 LB. LIFT CAPACITY AT 9 FEET
- 8,000 LB. LIFT CAPACITY AT 15 FEET
- CONSTRUCTED OF HIGH TENSIL STEEL
- ADVANCED HYDRAULIC SYSTEM
- MOUNTED ON FRONT OR REAR OF TRUCK BODY
- DUAL LIFTING CYLINDERS WITH SAFETY VALVES
- HORIZONTALLY MOUNTED CONTROLS MOUNTED IN LEFT-HAND COMPARTMENT (optional)
- 55° LATERAL OUTRIGGERS FOR GREATER STA-BILITY

The Mantis 10,000 is IMTCO's Super Heavy-Duty Off-The-Road crane capable of lifting 14,000 lbs. at 9 feet. High tensil steel construction and an advanced hydraulic system make this crane the king of the Mantis line. Ease in handling the largest tires made is accomplished by one operator, which makes this a popular model for the large volume dealer who services construction areas and mining operations. P.T.O. on the truck transmission attached directly to the hydraulic pump eliminates all drive lines and knuckles. With hydraulically operated 40" telescoping extension, 360° rotation, 55° lateral outriggers that extend to 13' for greater stability, and all double-action hydraulic cylinders, the Mantis 10,000 is the all-around crane for rugged duty.

LIFTING CAPACITES		
FEET		POUNDS
9		14,000
11		12,000
13		10,000
15		8,000



Horizontal or vertical positioning of the 40.00 x 57 tire is easily accomplished with the Mantis 10,000 and the giant sling.



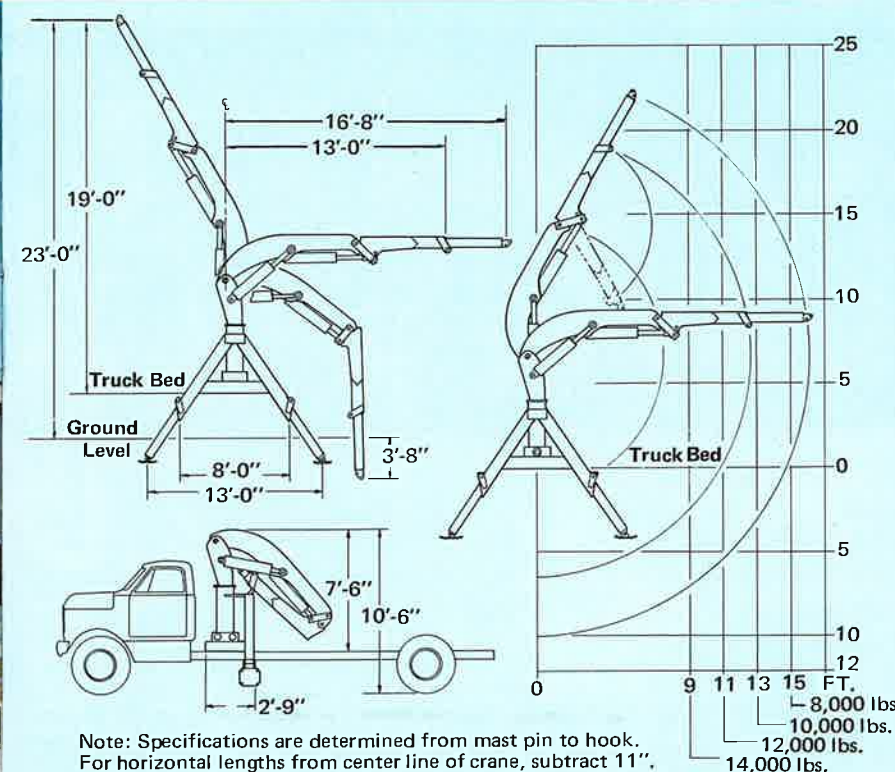
Shown here beneath secondary cylinder is a positive locking safety valve. An added safety feature on all hydraulic cylinders.



Horizontally mounted controls located in the left-hand compartment are an optional feature.



Two-piece split body construction allows free movement of lateral outriggers.



SPECIFICATIONS

Hydraulic Boom Cylinders	Cylinders	Bore	Stroke	Piston Rod Diameter
Main Boom	2	6"	25½"	3"
Secondary Boom	1	6½"	27½"	3"
Slewing Cylinders	4	4"	29½"	Rack & Gear
Extension Boom	1	2¾"	40"	1½"
Outrigger Cylinders	2	2¾"	40"	1½"

SLEWING ANGLE

- A full 360° rotation.
- MAIN RELIEF SETTING
- 2300 P.S.I.

WEIGHT

- 5,660 lbs. (less oil)

HYDRAULIC PUMP

- Direct drive hydraulic pump with power take off that mounts directly onto truck transmission.
- No drive line necessary or knuckle joints to grease or replace. The latest thing in hydraulic power.

OIL RESERVOIR

- 15 gallon reservoir mounted on one side of crane base that is plumbed to crane.
- Built in filter on return pressure line.

DUAL CONTROLS

- Master valve control mounted in left-hand tool compartment, with dual controls connected with direct linkage.

THE MANTIS 8,000

- DELUXE GIANT TIRE SERVICE CRANE
- 12,000 LB. LIFT CAPACITY AT 9 FEET
- 5,500 LB. LIFT CAPACITY AT 16½ FEET
- POWER TAKE-OFF MOUNTS DIRECTLY TO TRUCK TRANSMISSION
- 40" HYDRAULIC TELESCOPING BOOM
- VERTICAL MOUNTED DUAL CONTROLS
- MOUNTED FRONT OR REAR OF TRUCK BODY
- TUCK-A-WAY FOLDUP FOR TRAVELING
- DOUBLE-ACTION CYLINDERS

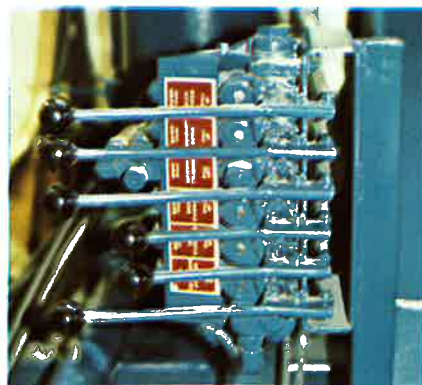
The Mantis 8,000 is designed to handle heavy-duty tire maintenance for off-the-road tire service contractors with economical efficiency. Styled after the Mantis 10,000 it is ideal for material handling and servicing large tires. The latest advances in hydraulics are featured in the P.T.O. on the truck transmission which is attached directly to the hydraulic pump eliminating all drive lines and knuckle joints to grease or replace. Telescoping boom extends a full 40" for greater versatility. 360° rotation and 55° lateral outriggers which extended hydraulically for 13 feet of stability guarantee its heavy-duty performance. All hydraulic cylinders are double-acting type with positive locking safety valves for load security.



Hydraulically telescoping boom extends a full 40" beyond secondary boom.



P.T.O. attached directly to hydraulic pump eliminates all drive lines.



Vertically mounted dual controls are located at convenient level for easy reach.

SPECIFICATIONS

SLEWING ANGLE

- A full 360° rotation

MAIN RELIEF SETTING

- 2300 P.S.I.

WEIGHT

- 5180 lbs. (less oil)

DUAL CONTROLS

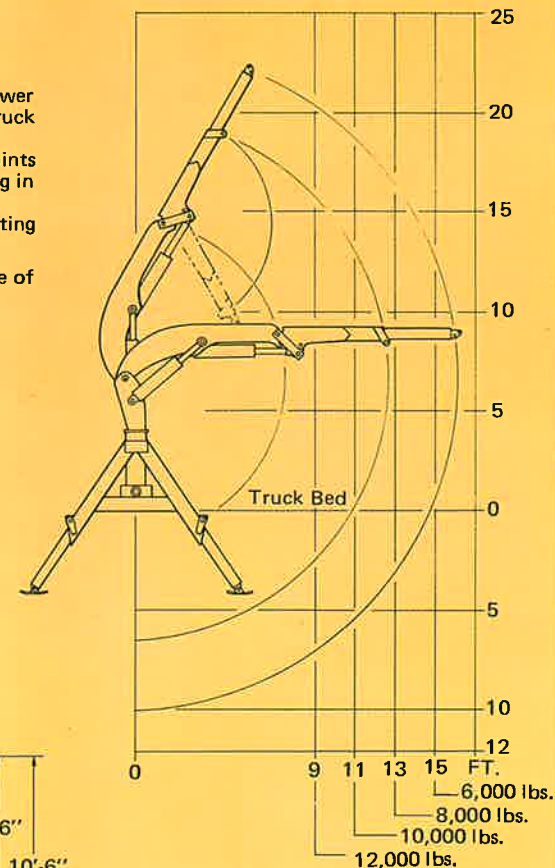
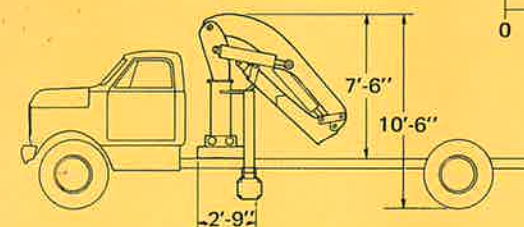
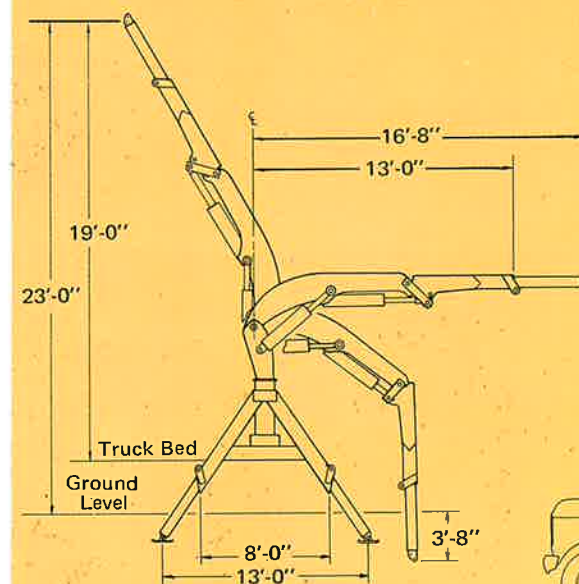
- Dual controls connected with direct linkage
- Master valve control mounted in left-hand tool compartment (optional)

HYDRAULIC PUMP

- Direct drive hydraulic pump with power take off that mounts directly onto truck transmission
- No drive line necessary or knuckle joints to grease or replace. The newest thing in hydraulic power
- All systems designed for truck mounting

OIL RESERVOIR

- 15 gal. reservoir mounted on one side of crane base that is plumbed to crane
- Built-in filter on return pressure line



LIFTING CAPACITIES

FEET	POUNDS
9	12,000
11	10,000
13	8,000
15	6,000

Hydraulic Boom Cylinders	Cylinders	Bore	Stroke	Piston Rod Diameter
Main Boom	2	5"	25½"	2½"
Secondary Boom	1	6"	27½"	3"
Slewing Cylinders	4	3"	29½"	rack and gear
Extension Boom	1	2½"	40"	1½"
Outrigger Cylinder	2	2½"	40"	1½"



THE MANTIS 7,000

- THE HEAVY-DUTY CRANE FOR OFF-THE-ROAD CONTRACTOR TIRE WORK
- 9,000 LB. LIFT CAPACITY AT 8 FEET
- 4,500 LB. LIFT CAPACITY AT 15' 10"
- DOUBLE-ACTION TYPE HYDRAULIC CYLINDERS WITH POSITIVE LOCKING VALVES
- FRONT OR REAR MOUNTED ON TRUCK BODY
- ADJUSTABLE OUTRIGGERS FOR 10' 6" OF STABILITY
- SINGLE OR DUAL OPERATING CONTROLS
- TWIN LIFTING CYLINDERS

The Mantis 7,000 is the smallest sized crane at present in the Mantis Line of Cranes, but don't underestimate its ability. Its versatility and rugged dependability makes it the most popular model for off-the-road contractor or material handling services. Equipped with the TIREHAND 7 it becomes a miniature Mantis for large tire handling. Its popular figure "4" shaped compact traveling position takes only 28 inches of deck space. The slewing system is a turntable ball and roller bearing type with a full 360° rotation (continuous rotation is optional) driven with a gear reducer and hydraulic motor. Adjustable outriggers pull out 2 feet on either side of truck frame for 10' 6" of stability, and twin lifting cylinders on the main boom add greater stabilization to prevent twisting of the main boom. All these pluses add up to a small, but powerful crane for the big jobs.

LIFTING CAPACITIES

FEET	POUNDS
8	9,000
12	6,000
14	5,000
15' 10"	4,500

Hydraulic Boom Cylinders	Cylinders	Bore	Stroke	Piston Rod Diameter
Main Boom	2	4"	30"	2½"
Secondary Boom	1	5"	37½"	2½"
Extension Boom	1	2¾"	40"	1½"
Outrigger Cylinders	2	4"	21½"	3"



LEFT: Figure "4" Shaped traveling position takes only 28" of deck space.

RIGHT: Mantis 7,000 combined with Tirehand 7 can manipulate tires for mounting or dismounting in fast order.



SPECIFICATIONS

SLEWING SYSTEM

- Turntable ball and roller bearing type
- Gear reducer with hydraulic orbit motor
- Full 360° rotation angle or continuous rotation optional

CYLINDERS

- All double acting with built-in positive locking safety devices

WEIGHT

- Standard equipment less oil... 3460 lbs.

OIL RESERVOIR

- 15 gallon reservoir

HYDRAULIC SYSTEM

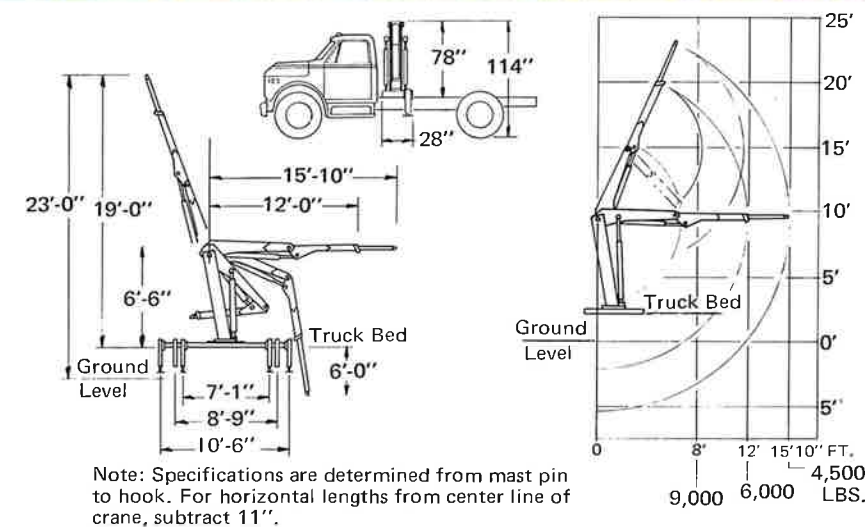
- Relief setting at 2300 p.s.i.
- Pump capacity... 13 g.p.m. @ 1500 rpm
- Oil reservoir capacity... 15 U.S. gallons
- Reservoir has full flow micron filter in return line
- Control valve is multiple section stack type with relief and anti-cavitation valve

STANDARD EQUIPMENT

- 10' 6" manual pullout, hydraulic down outriggers
- Dual controls ground level
- 6-spool control valve
- 15' 10" hydraulically folding boom
- Positive locking safety valves in boom and outrigger cylinders
- Hydraulic reservoir in base
- Boom hook
- Hydraulic pump
- Mounting kit
- Full flow hydraulic filter with replaceable element

OPTIONAL EQUIPMENT

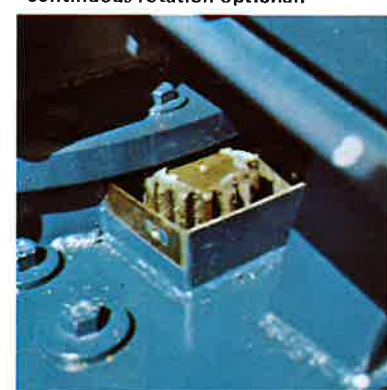
- 3' 8" 2nd section, manual telescoping extension boom section for 19' 11" total length
- 3' 7" 3rd section, manual telescoping extension boom section for 23' 6" total length
- 5,000 lb. capacity winch mounted on secondary boom
- Hydraulically out & down outriggers



Twin lifting cylinders for greater stability in lifting heavy loads.



Rotation angle is a full 360° with continuous rotation optional.



Dual controls are conveniently located waist high.



GIANT TIRE HANDLING EQUIPMENT & ACCESSORIES



Giant Tire Sling

The Giant Tire Sling is designed especially for dual tire assembly. The tire is removed with the rim intact and then rim removed on the ground. One man can easily and safely accomplish this task in a matter of minutes. With the sling on the tire, you have complete control of the tire. You can manipulate a tire on or off the rim, stand it up, or lay it down, simply by using the control lever of your crane. This locking sling unit comes complete with boom eye, locking chain sprocket, 2-30 foot lengths of 7/16" high test steel chain, 2 chain couplers and 2 chain hooks.

2-Way Safety Pushing Bar

The need for a safe, economical means of removing "O" rings from tires brought about the 2-Way Safety Pushing Bar. By applying pressure to the outer rim of the bead seat band and flange rings, the lock ring and "O" ring are removed. Standard 2-Way Pushing Bar is designed for tires up to 39" with extensions available up to 51". Special boom couplers for adapting cranes other than IMTCO cranes are available. Unit contains 2-Way Safety Pushing Bar, 2 pushing feet, bar coupler, boom coupler (for cranes other than IMTCO), bar pin and boom pin.



Bead Seater & Flange Ring Puller

This unit is a four-section puller chain used to remove rusted or damaged bead seat bands. Again, your crane does all the work. Unit comes complete with steel plate, boom eye bolt & nut, 4 - 21" lengths of 5/16" high test steel chain, chain locks, 4 wheel hooks, and chain tighteners.



Small Tire Sling

Like its counter-part, the Giant Tire Sling, the Small Tire Sling is designed for easy manipulation of the tire on and off the rim. With crane power, the operator has complete control of the tire in any position. Unit comes complete with boom eye, locking chain sprocket, 2 - 20 foot lengths of 1/4" high test steel chain, 2 chain couplers, and 2 chain hooks.



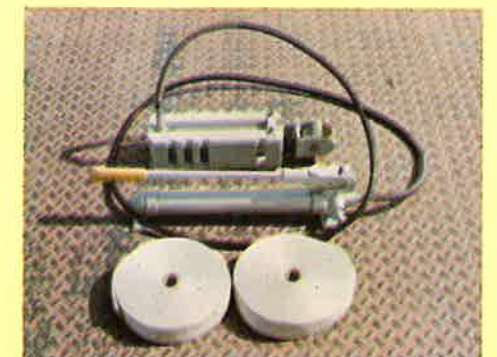
Bead Hook

A necessary, but small item in tirehandling, the bead hook is designed especially to fit any size bead on the tire without any damage to the bead itself. Hooks can often leave irreparable damage, but the bead hook quickly lifts and places rimless tires into position.



4-Way Safety Pushing Bar

Another safety-first unit designed by IMTCO—this unit gives added safety over the 2-way pushing unit by adding pressure in four areas around tire bead for safe removal of the "O" rings. This assured safety leaves the operator in complete control of rim removal with the crane boom doing all the work. Unit comes complete with 4-Way Safety Pushing Bar, bar coupler, boom coupler (special adapter for cranes other than IMTCO), bar pin and boom pin. Complies with O.S.H.A. Standard No. 15-18-600.



Bead Constrictor

The Bead Constrictor squeezes tubeless tires up to 25 ft. in circumference, spreads tire bead against the wheel rim applying a predetermined force of up to 15,000 lbs, and maintains pressure during inflation, releasing it automatically as the tire expands. Unit comes complete with hand operated hydraulic pump, hydraulic ram with frame and roller ram head, and 2 woven Dacron straps (one for replacement).

Tirehand 10



Fast, efficient manipulation of large earthmover tires is an easy task with a combination of IMTCO's Tirehand 10 and the MANTIS 10,000 crane.

- COMBINES WITH MANTIS 10,000 CRANE
- HANDLES MAXIMUM TIRE SIZE OF 24.00 x 49
- FOLDS COMPACTLY FOR TRAVEL (optional feature)
- TRI-AXIAL MOVEMENT OF CLAMP
- LIFTS UP TO 5,000 LBS.
- CLAMPING FORCE ON TIRE OF 7,226 LBS.

Tirehand 10, combined with a Mantis 10,000 crane, becomes the ultimate in tire handling equipment. Designed especially for manipulating large earthmover tires, it will easily lift up to 5,000 lbs., however, we recommend maximum tire size of 24.00 x 49. Tilting action forward and backward, 30° swing on its vertical axis, and 360° continuous rotation enables the clamp to position tire at any angle. All this can be accomplished by one operator at the crane controls. Many hours of labor using older methods of tire handling can be saved with the Tirehand 10.

CLAMP WEIGHT

- 2,300 lbs.

CLAMPING ARMS

- 52" long high strength rectangular tubing reinforced by high strength steel plating.
- Rectangular steel clamp pads with 1" chrome gripping bolts.
- fully extended 121" apart.
- Fully retracted 63" apart

TELESCOPING ARMS

- High strength rectangular tubing extends and retracts out of body by means of two hydraulic cylinders.
- Clamping force of 7,226 lbs. under 2300 p.s.i.
- Smooth telescoping by means of internal roller on telescoping arm and external roller on clamp body. Both rollers are provided smooth movement by bronze.

TRI-AXIAL MOVEMENT

- 360° continuous rotation provided by ball and roller bearing driven by gear reducer powered by an orbit motor.
- Swing of 30° on vertical axis accomplished by a hydraulic cylinder (15° left, 15° right).
- Smooth pivot due to bronze bushings.
- Tilting accomplished by linkage assembly connected to crane. Tilting forward by retracting extension boom; tilting backward by extending extension boom.



Grasping tire in a vice-like clamp, the operator completes tire change without leaving crane controls.



Tri-axial movement of Tirehand 10 enables precision placement of tire.

Tirehand 7



360° manual rotation of Tirehand 7 enables accurate and easy positioning of tire.

- COMBINES WITH MANTIS 7,000 CRANE
- HANDLES MAXIMUM TIRE SIZE OF 105" DIAMETER
- FOLDS COMPACTLY FOR TRAVEL
- DUO-AXIAL MOVEMENT OF CLAMP
- LIFTS UP TO 3,000 LBS.
- CLAMPING FORCE ON TIRE OF 6,124 LBS.

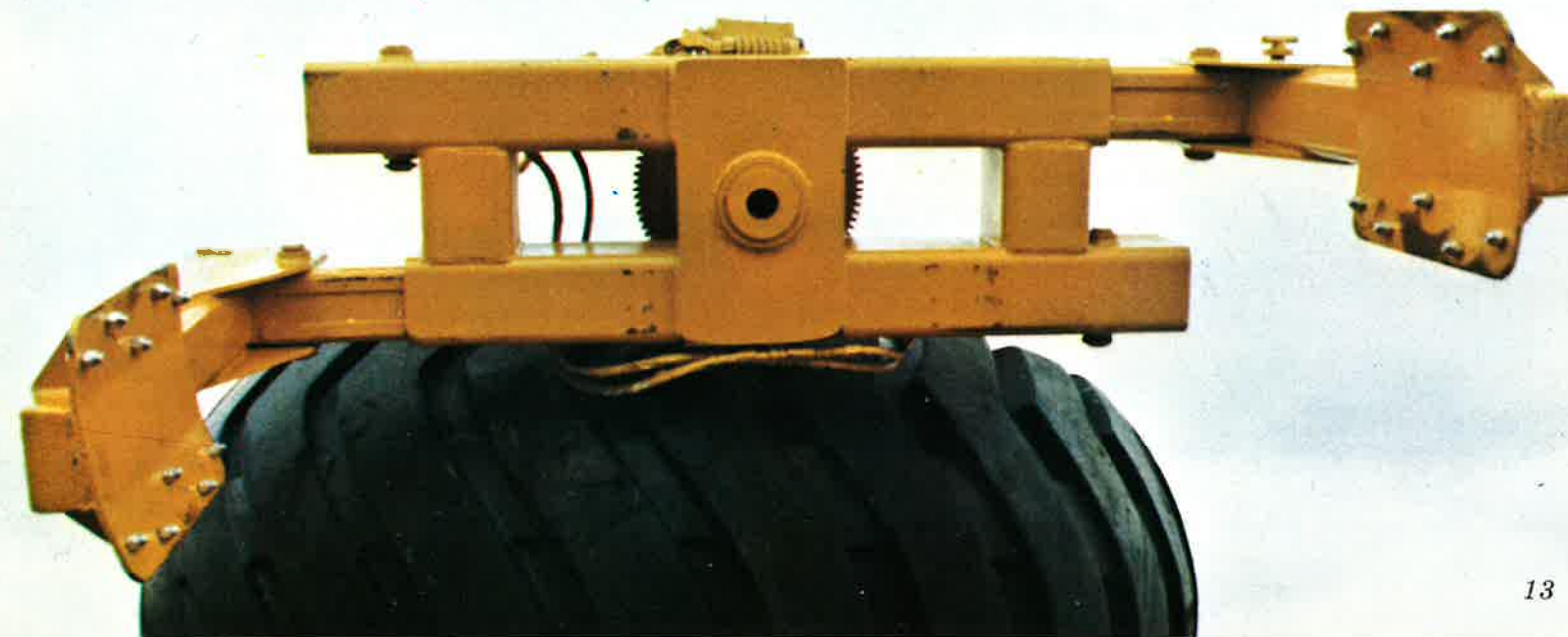
Down-time is at a minimum when the TIREHAND 7 and MANTIS 7,000 crane combine to service off-the-road tires. This compact, economical unit offers many of the same advantages as the larger tirehand, yet keeps the price and storage factor at a minimum. Light in weight, yet durable in design, the Tirehand 7 connects onto the boom of your crane in a matter of seconds. Hydraulically telescoping arms extend 107" and retract to 51". Three hundred sixty degree manual rotation by a gear driven hand crank is propelled by bronze bushings for easy positioning and tilting is comparable to Tirehand 10. For more specifications, contact IMTCO.



Hydraulically telescoping arms extend 107" to handle large tires.



Compact traveling position keeps storage at a minimum.



OFF-THE ROAD SERVICE

STANDARD & SUPER DELUXE BODIES

AVAILABLE IN LENGTHS FROM 16-24 FT.

- UP TO 19' ON SINGLE AXLE CHASSIS.
- 4 - 8 UNDERBODY TOOL COMPARTMENTS
- IMTCO CRANE OF YOUR CHOICE MOUNTED FRONT OR REAR.
- UP TO 24' ON TANDEM AXLE CHASSIS
- IMTCO AIR COMPRESSORS (separate catalog available).



STANDARD O.T.R. BODY

- IMTCO 2-PIECE SPLIT-BODY CONSTRUCTION
- BUILT-IN RUB RAIL
- UP TO 19' ON SINGLE AXLE CHASSIS
- 4 - 6 UNDERBODY TOOL COMPARTMENTS
- IMTCO AIR COMPRESSOR BODY-MOUNTED OR UNDER DECK MOUNTED
- RECESSED LIGHTS AND REFLECTORS
- FOLD-AWAY OVERHEAD DOORS ON DECK COMPARTMENTS (optional)
- IMTCO CRANE OF YOUR CHOICE MOUNTED FRONT OR REAR

The standard off-the-road tire service truck is used by more O.T.R. service dealers than any other. Truck shown above features the Mantis 7,000 crane, 16 foot truck body with 72 square feet of storage compartments below deck. Compact traveling position of this crane leaves 84 sq. ft. of deck space. Easy access to compressor compartment and fold-away overhead doors on deck compartments (optional) provides the serviceman with ample storage for tools.



SUPER DELUXE O.T.R. BODY

- IMTCO 2-PIECE SPLIT BODY CONSTRUCTION FOR FREE OUTRIGGER MOVEMENT.
- 3/8" x 5" OPEN RUB RAIL WITH STAKE POCKETS.
- UP TO 24' ON TANDEM AXLE CHASSIS.
- 6 - 8 UNDERBODY TOOL COMPARTMENTS.
- IMTCO AIR COMPRESSOR BODY-MOUNTED OR UNDER DECK MOUNTED.
- FOLD-AWAY OVERHEAD DOORS ON DECK COMPARTMENTS (OPTIONAL).
- SPECIAL FLARE DESIGN BEHIND DECK COMPARTMENT (OPTIONAL).
- IMTCO CRANE OF YOUR CHOICE MOUNTED FRONT OR REAR.

The Super Deluxe O.T.R. service truck is designed and built for the most rugged service problems. The truck body is protected by a 3/8" x 5" open rub rail with stake pockets and alternating tie down pipes on three sides. Two on deck storage compartments and up to 8 underbody compartments including 50 ton jack storage and pullout drawers are available. All compartments have recessed doors with brass hinges and locking handles. Special flare design behind deck compartment is optional only. All these features combine for rugged, dependable service.



The 19 ft. O.T.R. service truck shown above features the Mantis 10,000 crane, underbody mounted VW Turbo 100 air compressor, 8 underbody tool compartments including 5 pullout drawers and 50 ton jack storage.



IMTCO's 2-piece split body construction allows for easier free movement of outriggers.



Fold-away overhead door on deck tool compartments permits out-of-the-way storage for operator safety.



Deck mounted air compressor has easy access from top.



Underbody mounted air compressor saves valuable storage and/or deck space.



GIANT HAUL TIRE TRUCK

- "A" FRAME CHASSIS WITH WHEEL WELLS
- WELL COVERS FOR FLAT DECK LOAD SPACE (optional)
- 60" OR 72" HIGH STEEL TUBING RACKS
- 2 - 80" SIDE SWING GATES
- 2 - 40" SIDE SWING GATES
- 3 TOOL COMPARTMENT (optional)
- UP TO 24' ON A TANDEM AXLE

Transporting the largest earthmover tires or the smallest passenger tires, this truck provides ample space for the largest orders. Fitted with an air compressor and crane this

truck doubles as a tire service truck. "A" frame chassis allows for upright transporting of large tires up to 12' diameter, 40" wide in wheel wells.

GIANT HAUL TIRE SERVICE TRUCKS AND TRAILERS

DELUXE COMBINATION Haul and Tire Service Truck

- UP TO 19' ON A SINGLE AXLE
- UP TO 24' ON TANDEM AXLE
- 60" HIGH STEEL SQUARE TUBING RACKS
- 2 - 60" WIDE GATES, RIGHT & LEFT SIDES
- 48" WIDE FOLD DOWN REAR GATE
- 6 EXTRA LARGE UNDERBODY TOOL COMPARTMENTS
- IMTCO CRANE OF YOUR CHOICE MOUNTED FRONT OR REAR
- IMTCO AIR COMPRESSOR OF YOUR CHOICE (selection available from company)



This heavy-duty off-the-road truck is an ideal combination haul and tire service truck. Equipped with an air compressor and crane this is the truck which will handle most haul and service work with minimum effort.



The Super Giant Tire Service Truck is all it appears to be and more. It combines effortless handling of any size tires, loading and service, all in one unit.

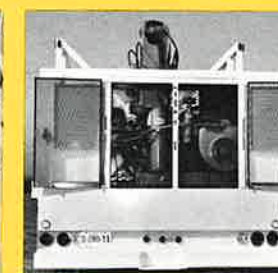
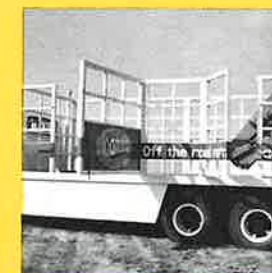
IMTCO SUPER GIANT TIRE SERVICE TRUCK

- 23' BODY ON "A" FRAME WITH WHEEL WELLS
- IMTCO EXCLUSIVE 2-PIECE SPLIT BODY CONSTRUCTION
- WHEEL COVERS FOR EFFECTIVE FLAT DECK USE
- IMTCO CRANE OF YOUR CHOICE MOUNTED REAR
- BODY-MOUNTED AIR COMPRESSOR OF YOUR CHOICE (separate catalog available)
- UNDERBODY TOOL COMPARTMENTS

This super Giant truck will go anywhere as a haul and service unit. With 23 foot body it will service any size tire up to and including all earth mover equipment. Its effective design enables one operator to handle all loading, unloading and service calls.

HEAVY DUTY HAUL TRAILERS

Haul trailers are multi-purpose units for transporting large or small tires. Designed and built for rugged use on or off the road, these trailers can help you beat the high cost of commercial transportation. Each Haul Trailer has a 80' piano hinge gate on the left side, Budd Type wheels, 15" road clearance, electric or air brakes available.



Haul body has 60" - 72" high steel tubing racks and three gates, all of solid construction and with piano hinges. Front gates are 80" wide and rear gate is 40" wide for ample loading clearance.

"A" type frame permits wheel wells for transporting 12' diameter x 42" wide tire in upright position. Well covers have locking unit to support them in upright position or lay flat for load bed.

Body-mounted air compressor is placed at rear of haul body on this model. Expanded metal screening on outer compartment allows for more efficient cooling.



The 11½' diameter tire requires special handling for traveling and this haul trailer is designed specifically for that purpose.

Shown left is Giant Haul Tire Service Truck with a Heavy-duty Haul Trailer, complete outfit for the large volume tire dealer.



IOWA MOLD TOOLING COMPANY, INC.'s 135,000 square foot modern manufacturing plant is located just 12 miles west of Interstate 35 midway between Minneapolis and Des Moines. IMTCo products are designed, engineered and manufactured entirely in this plant. Tire Service Trucks, from fleetside pickup to 24' super giant tire service trucks; air compressors; a wide variety of cranes, including material handling cranes; and tire handling equipment built by men experienced in the tire industry. For more specific information about any of our products, please contact the company direct or one of the distributors listed below in your area.



IOWA MOLD TOOLING COMPANY, INC.

500 HWY. 18 West • PHONE: 515-923-2827 • GARNER, IOWA 50438

SALES AND SERVICE AVAILABLE AT THE FOLLOWING:

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Red Top Equipment Co., Orillia L3V 6H8705-325-7458	