

Easy Gripper 2160

Easy Gripper 2400-2T

Basic feature:

Short  
and Light  
Solid

# Easy Gripper Crane Module C

**Tire diameter**  
700 - 2.160 mm  
28 - 85 inches

**Lift capacity**  
1.000 kg  
2.200 lbs

**Tire diameter**  
850 - 2.400 mm  
34 - 94 inches

**Lift capacity**  
2.000 kg  
4.400 lbs

**Save  
time  
Improve  
safety**



## Professional tools for mobile tire service with truck cranes

- Unique 3-point grip
- Horizontal/vertical tilt
- Precise rotation +/-25°
- Tools for safe handling of tire rings
- Prevent damage to tires, rims & equipment
- Easy hook on/off attachment
- Customization available



By



Experts in Tire Handling Equipment



# Mobile service of OTR/EM and AGRO tires

The Easy Gripper product range is designed to help tire professionals in a multitude of conditions and situations. Implementing the Easy Gripper makes tire handling faster and safer, while preventing damage to tires, rims and equipment.

Installed on a truck crane, the Easy Gripper offers the optimal flexibility allowing the driver to be able to both transport and mount the big OTR or AGRO tires and wheels – and even single-handedly.

With the Gripper very risky and time-consuming handling situations become safe and easy.



## Safe 3-point grip

The unique 3-point grip offers optimal grip and control, when handling tires and wheels. Together with the precise rotation and tilt functions hard and dangerous work can be avoided as well as damages on tires, rims and equipment.

## Quick shift & remote control

The Easy Gripper Crane Module can easily and quickly be mounted on the truck crane with a quick shift system. Further, the remote control system can easily be incorporated in the control system of the crane.



## Solution for narrow space

Limited clearance around tires and fenders can quickly be solved. By loosening just one bolt, the top pipe can be exchanged with a flat top arm, and the two bottom pipes carry the tire below the fender.



## Light and compact

The Gripper has a light and compact design to optimize the center of gravity and the load capacity of the crane and of the total solution. The Crane Module gives the configuration a tilt function up to 160°.



## Capability

With a gripping range of Ø850 - 2.400 mm (34 - 94 inches) and a lifting capacity of 2 ton (4.400 lbs) at a CoG of 550 mm (22 inches), the Gripper can handle tires up to 37.25R35. When handling full wheel assemblies as inside duals, the Gripper handles up to 24.00R35 tires.

If you don't handle wheel assemblies bigger than 1 ton (2.200 lbs) and a gripping range of Ø700 - 2.160 mm (28 - 85 inches), you can choose a configuration with our Easy Gripper 2160, where we on request also can extend the gripping diameter to Ø2.400 mm (94 inches) to handle even the biggest AGRO tires.

### Standard features

**Handles both the Easy Gripper 2160 and 2400-2T**

#### Unique and safe 3-point grip

Avoid accidents.  
Avoid deformation and damages of tires.  
Avoid damages to tires, rims and equipment.

**Precise rotation +/-25°**

**Tilt function up to 160°**

**Control system designed to be integrated with existing crane control system**

### Required accessory

#### Compact Mounting Plate with Quick Shift System

For easy hook on and off attachment.  
Can be customized pre-angled depending on carrier.

### Optional accessories

**LED working light** (2400-2T only)

#### Camera system for optimal view

With automatic IR function in insufficient light conditions

#### Easy shift of gripping pipes for various purposes

Flat top arm for limited tire clearance.  
Telescopic pipes for long reach, to provide room for the tire fitters and for dual tire handling.

#### Tools for safe handling of tire rings

To help tire fitters with the hard and dangerous work.  
Can easily be attached at the end of the gripping pipes.  
Can push the tire and can hold and place the rings.

**Customization on request**



Telescopic pipes for long reach



Flat top arm for limited tire clearance



Tools for safe handling of tire rings



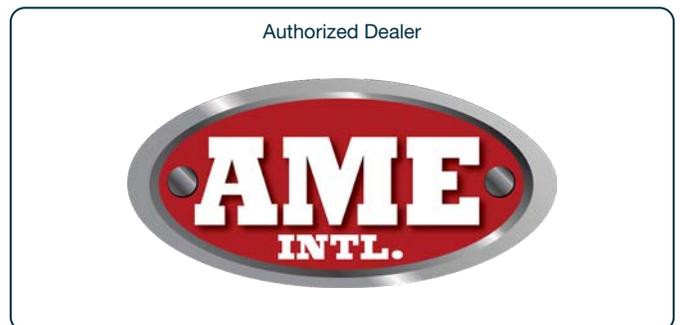
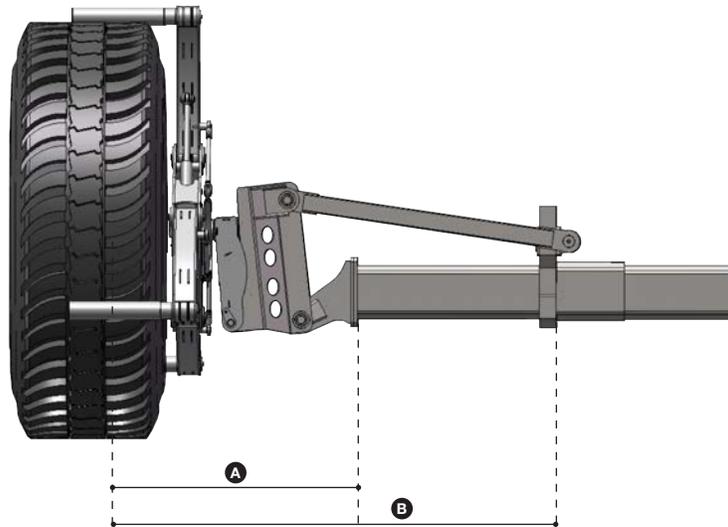
LED working light

| Technical Data                                    | Easy Gripper 2160               | Easy Gripper 2400-2T            |
|---|---------------------------------|---------------------------------|
| Gripping diameter:                                | 700 - 2.160 mm (28 - 85 inches) | 850 - 2.400 mm (34 - 94 inches) |
| Standard pipes:                                   | Ø89 x 600 mm (3.5 x 24 inches)  | Ø115 x 650 mm (4.5 x 26 inches) |
| Lifting capacity:                                 | 1.000 kg (2.200 lbs)            | 2.000 kg (4.400 lbs)            |
| Weight:   | 710 kg (1.560 lbs)              | 860 kg (1.890 lbs)              |
| <b>A</b> From connection plate to combined CoG    | 1.990 mm (78 inches)            | 2.200 mm (87 inches)            |
| <b>B</b> From end of 2. extension to combined CoG | Crane specific                  | Crane specific                  |

#### Technical Requirements

|                      |                        |                        |
|----------------------|------------------------|------------------------|
| Insert for mounting: | Crane specific         | Crane specific         |
| Lifting capacity:    | Individual calculation | Individual calculation |
| Electrical supply:   | 12/24 V                | 12/24 V                |
| Hydraulic flow max:  | 50 L/min (13.2 gal)    | 50 L/min (13.2 gal)    |

One, or preferable two, hydraulic proportional valves to control the Crane Module and the Gripper.



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