

# PUMA

# CRANES



**“Experience  
Since 1966”**

**PUMA CRANES**

**[[www.pumacrane.com](http://www.pumacrane.com)]**

[pumacrane@gmail.com](mailto:pumacrane@gmail.com)  
[otovinc@gmail.com](mailto:otovinc@gmail.com)

+90 0532 672 65 86

+90 0541 672 65 86



## THE COMPANY

PUMA Cranes is Turkish Company that is leader in knuckle boom cranes , with capacities that varies from 1,7 util 70 ton.m .

PUMA is nowadays a reference in technology and inovation , with more than 1 thousand clients spread across 16 countries, witch makes us one of the most important manufacturerers all over the World.



## PUMA MARINE CRANE

Our company was established in 1966 and manufactures hydraulic truck cranes and Ship deck cranes with PUMA brand. We have a corner in the market for special Project works and custom-made hydraulic marine type machines. We provide the production with our own cnc cutting and steel processing units under the supervision of BUREAU VERITAS onsite montage, sales service and after sales spare parts service needs, are fulfilled by a professional service team. We have established business cooperations with many shipyards both inland and abroad and have delivered hundreds of machines if you are looking for reasonable price and high quality product, PUMA Crane is correct address for you. For your inquiries, please fill our contact form. Wherever you are in the World, our expert logistics team ensures the best possible shipping organization.

## PUMA MARINE CRANE

Our cranes have been designed for a wide range of applications including deck operations, shipboard, offshore platforms, fishing and sea farming industry and more. Our cranes are also perfect for many different installations such as: Supply and naval vessels, Dredgers, Docks, Research ships, Navy vessels

## PUMA MARINE CRANE

For offshore applications, PUMA can provide all the tools you need for your operations far away from the coastline. Our machines are designed, made and certified to resist under typical hard working conditions in the offshore environment.

### Offshore

Offshore applications can apply to safeguarding, drill ships, military uses, dredgers, tankers, oil & gas field, and many more. PUMA has a staff skilled in collecting and satisfying all client's needs concerning crane features and **certifications to provide the right tools to work easily and in complete safety.**



**İZMİR-TURKEY**

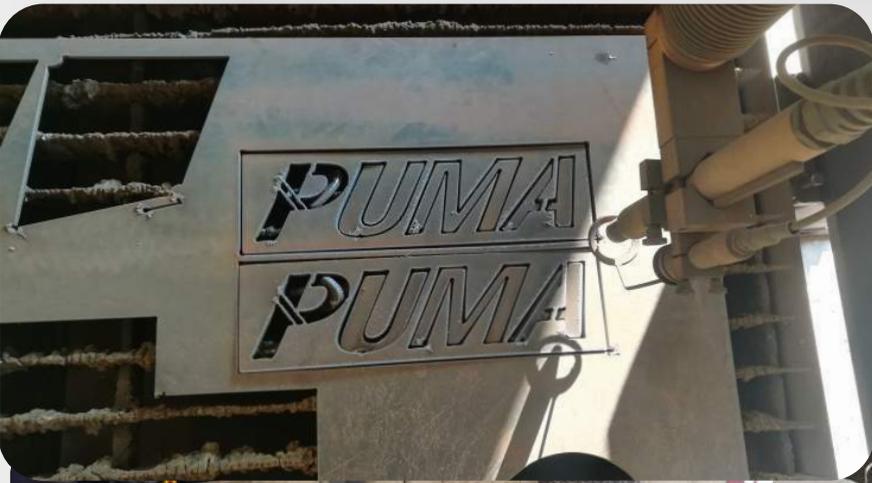


# PUMA CRANES





# PUMA CRANES



# PUMA CRANES

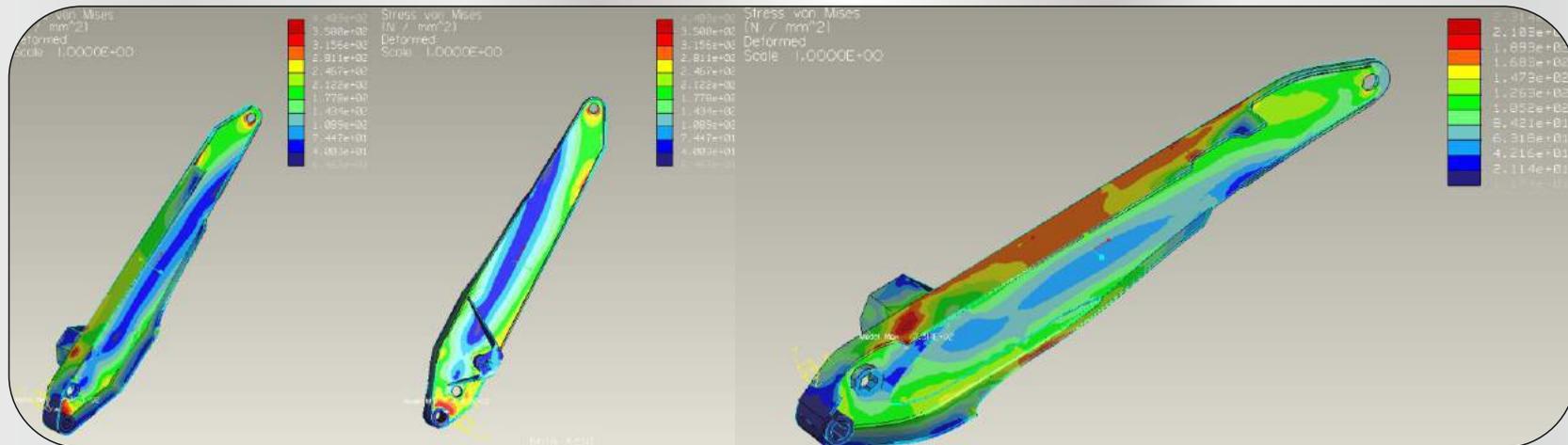






## ENGINEERING DEPARTMENT

Our Engineering department , with more than 20 year of experince , rewrote the history of cranes construction in Turkey being the first company using in its products High Resistance Steel with wich we can do realy light cranes.



## WELDED STEEL STRUCTURE

Crane Structure is made by High Resistance Steel until 900mPa.  
(Which gives greater lightness and robustness. )

All parts are cut by laser process , ensuring high precision in assembly .

All profiles are bended in CNC automatic bending machines  
(Which guarantees its accuracy )

70% of the welding is done by welding robots, which provides repeatability  
and secured welding penetration .

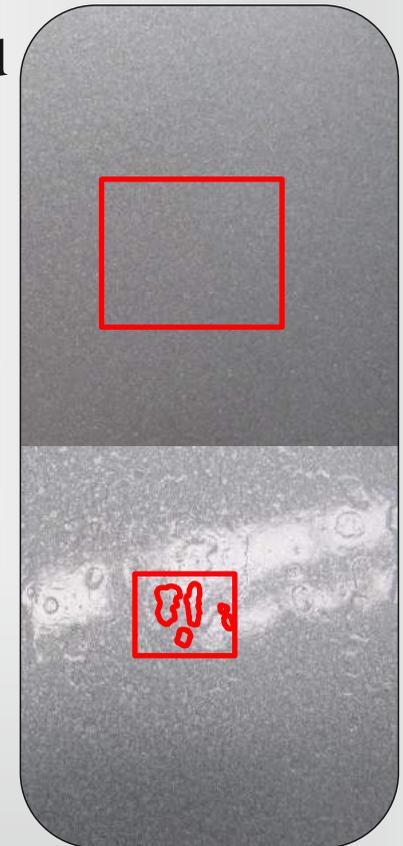
## PAINTING

The surface preparation is done with shot blasting with SA 2.5

The painting is done in standard automotive .

Epoxy acrylic Paint provides a high resistance to abrasion and photodegradation .

On marine cranes , if customer want booms can be galvanized

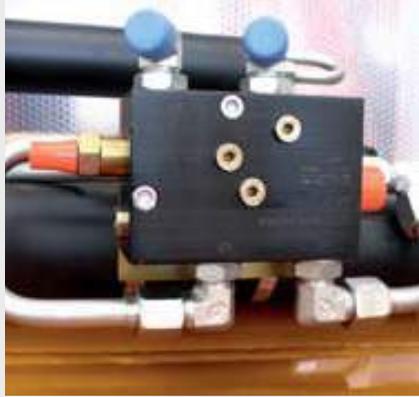


## PLUMBING SYSTEM

PUMA CRANES have a metal protection process based on zinc in all their pipes; This prevents corrosion, giving a better image and longer duration.

An important feature is the ongoing concern to reduce leakage points in the system, today PUMA has 3 times less leakage points.

The PUMA Cranes have clamps on the long boom pipes to reduce friction caused by the displacement of the hydraulic fluid and the vehicle.



## PUMA CRANES GUARANTEE

Stability in case of hose rupture, since standard (Italian) holding valves are used for the main functions

The Holding System guarantees a perfect balance in the opening and closing of the cylinder, giving a greater precision of movement

Efficiency in the function when there is a need to keep the equipment in the same position for a long time.

Easy maintenance and spare parts replacement, since the customer can optain for original or similar parts in the market.

## Tank accessories

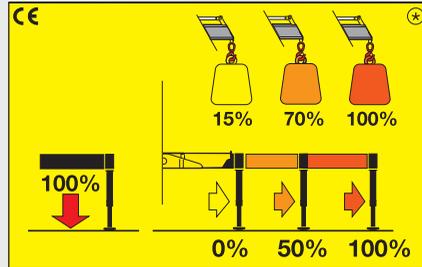
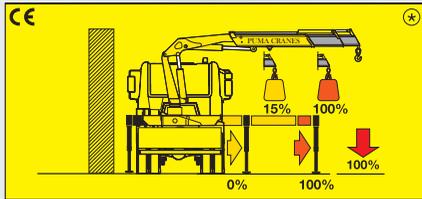
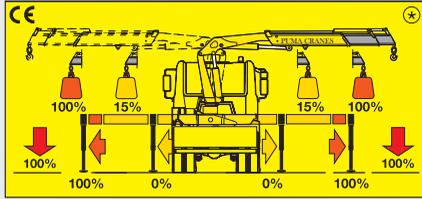


Absolute filter system in the return line, confers greater efficiency of It.  
It has saturation meter that indicates when to change the filter.

Level display with built-in thermometer, to monitor any temperature anomaly, avoiding the main problems with the components of the hydraulic circuit.



## HYDRAULIC CONTROLS



We have two configurations for hydraulic controls:  
 For larger machines or remote control, we use independent command for stabilizers, in this case, independent command will be SMART, which can drive up until four cylinders at the same time.

- | Using main command and independent stabilizers, its reduced circuit requirement and provides greater safety.
- | When the machine is performing operations with the main command, the stabilizer command is dead

## STABILIZER CYLINDERS

The cylinders of the major equipments have articulated support bases (correcting slight unevenness of the ground), minimizes perpendicular fatigue on the cylinder, which is one of the factors that accelerates internal and external leaks.

The safety valve is attached to the side of the cylinder, which minimizes the risk of accidents and equipment damage.

The front and rear extension hoses of the stabilizers are guided by “rails”.

It is very important that you always inform the height of the truck so that **PUMA** can analyze the proper length of the stabilization cylinder.



## INTEGRATION CRANE/TRUCK

All the assembly is done from the integration study of the vehicle, which guarantees the ideal conditions for the application, it avoids the overload in the front and back axles, it shows the net load that can be loaded in the truck body, as well as the Center of gravity of the load and the conditions of stability of operation. Technically it ensures that the product answer all the desired requirements, avoiding surprises.



On frame structured to support the efforts of the crane and the truck body.

In **Turkey** most people use this frame to implement the truck body itself.

## GRAVITY CENTER

PUMA is the only "Turkish crane manufacturer crane manufacturer, in which the center of gravity of both the truck and the equipment are balanced

### Advantages

As truck and crane are balanced, there is no need for extra reinforcement in the driver's side suspension.

In this way, the wear on the steering parts, suspension and tires is homogeneous.

The truck's driving capacity is not altered.

TELESCOPIC TYP  
LOADING CRANE

# PRODUCT LINES

LONG BOOM TYP LOG  
LOADING CRANE

KNUCKLE BOOM TYP  
LOADING CRANE



(Z) FOLDING TYP  
SCRAP AND LOG LOADING CRANE



EXCAVATOR TYP  
SCRAP LOADING CRANE



# PUMA CRANES





## MARINE CRANE





# PUMA CRANES



## WARNING STICKER

**PUMA CRANE**



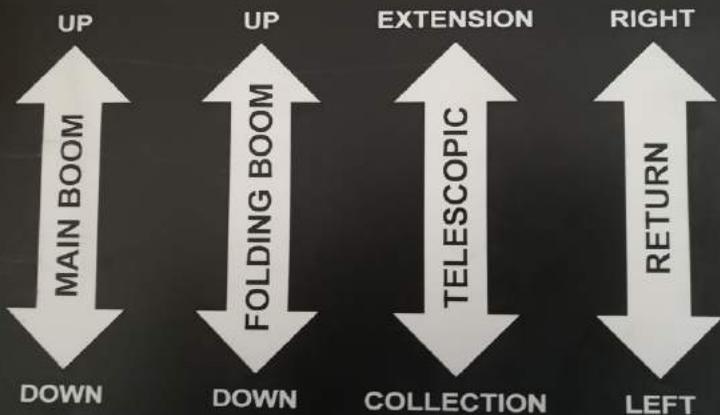
DATE YEAR	2018	SERIAL NUMBER	2018-24000K-7
MODEL	MRN 24000K	HYDRAULIC	46
MANUFACTURE	ÖZUYAN	OIL TANK	200 LT
TONAGE	24 T/MT	COLOR	RAL 1023
BOOM	2	WEIGHT	4350 KG
RETURN	360		380V 18,5KW 1500

İZMİR - TURKEY + 90 232 461 10 63

www.pumacrane.com  
pumacrane@gmail.com

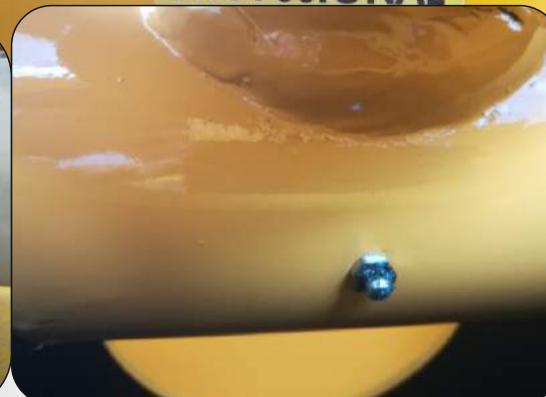
**PUMA CRANE**

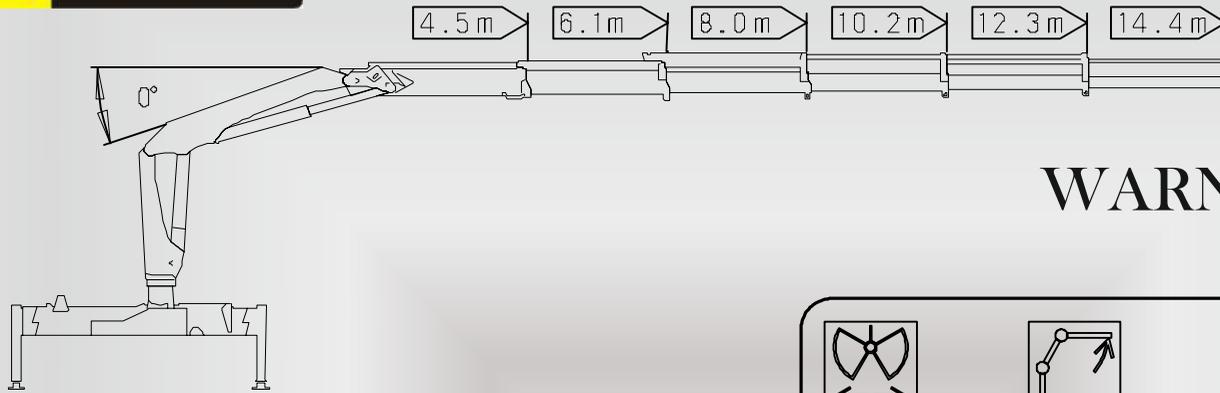
www.pumacrane.com



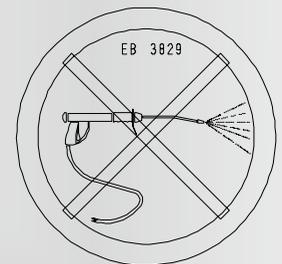
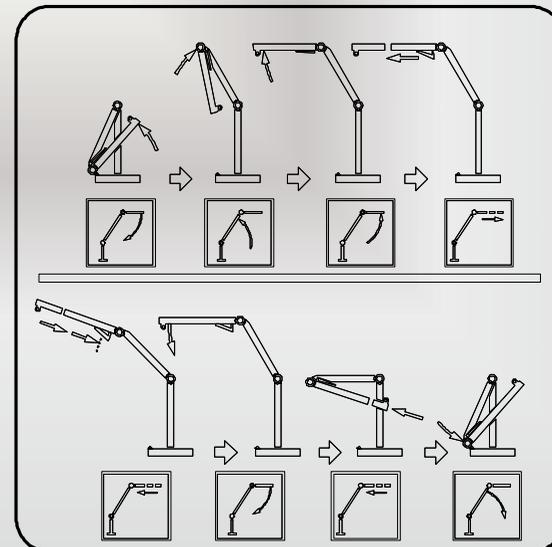
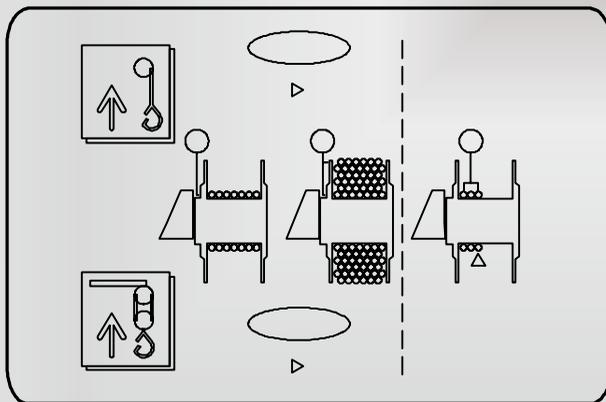
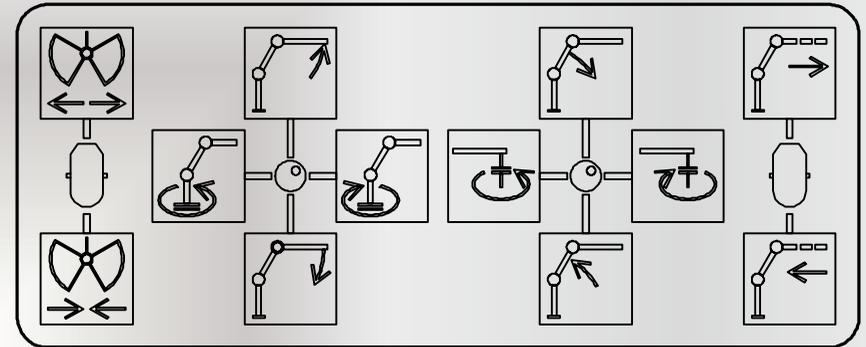
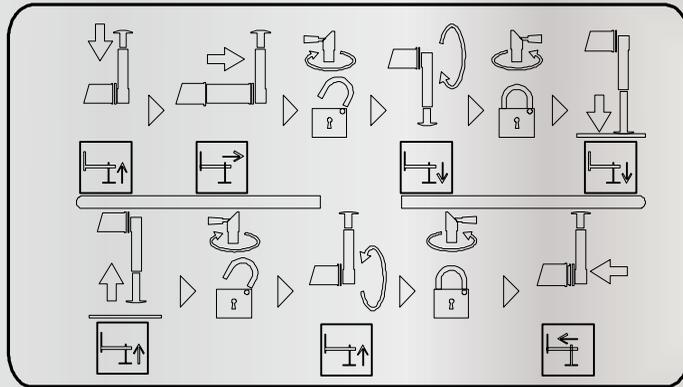
İZMİR - TURKEY + 90 232 461 10 63

www.pumacrane.com  
pumacrane@gmail.com





## WARNING STICKER



# ACCESSORIES AND SPARE PARTS



## TURN YOUR CRANE INTO A MULTIFUNCTION TOOL

- ▶ With safety - Valves, sensors, light signs, load limitation and other resources to ensure safety;
- ▶ Operational reliability - Total movement control, equal and in some cases better than traditional equipment;
- ▶ High performance - Full utilization of the speed x motion control x safety, with resources that only an articulated crane can offer;
- ▶ Ergonomics - We have all comfort for you, wireless control, operating chair, vertical command with operating platform (better visibility condition), and custom projects according to the needs of each client;
- ▶ Saving - Why have several equipments so you can do all the operations with a single multifunction crane.

## WORKMAN BASKETS



## Workman Baskets

- ▶ Structure option in fiberglass or Metallic;
- ▶ With capacity for one person or two people, more tools;
- ▶ Hydraulic or electronic leveling option ;

In all options includes tool box, wireless control stand, seat belt bracket, 1000 volt insulation and quick coupling to the tip of the last crane extension.

In the system with electronic leveling has a device that recognizes when it will operate through the basket reducing speed by 50% immediately

For complete and safe operation with the basket, the cranes should be equipped with the following accessories: Electronic load limiting (prevents overload), wireless control (operation from the basket), emergency pump (in case of motor stops), inclinometer (for proper leveling operation), crib sensor (you can move the stabilizers only when the crane is in the travel position)

## Drill with reducer (wick drill)

Hydraulic preparation with quick coupling, operation through the command with tool-only lever or via wireless control

Option Wicks with diameter of 300, 400 and 600mm x 2000mm in length

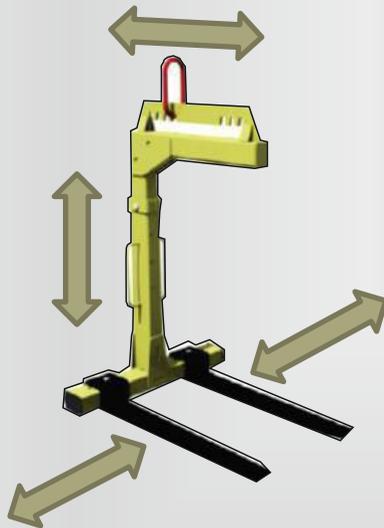


need to be informed at the buy moment because needs to send the parts below.

**Each part is specific for each model.**

## PALLETS FORKS

With capacities of 2.5 t and 3.5 t, retractable mast that allows different heights, the forks can be regulated in width to adapt to different types of loads. Auto loading and unloading without the need to involve people, without loss of time, without the need for a forklift. In addition, the crane operator does not need to go down from his command post to catch and balance the load.



## HYDRAULIC CABLE WINCH

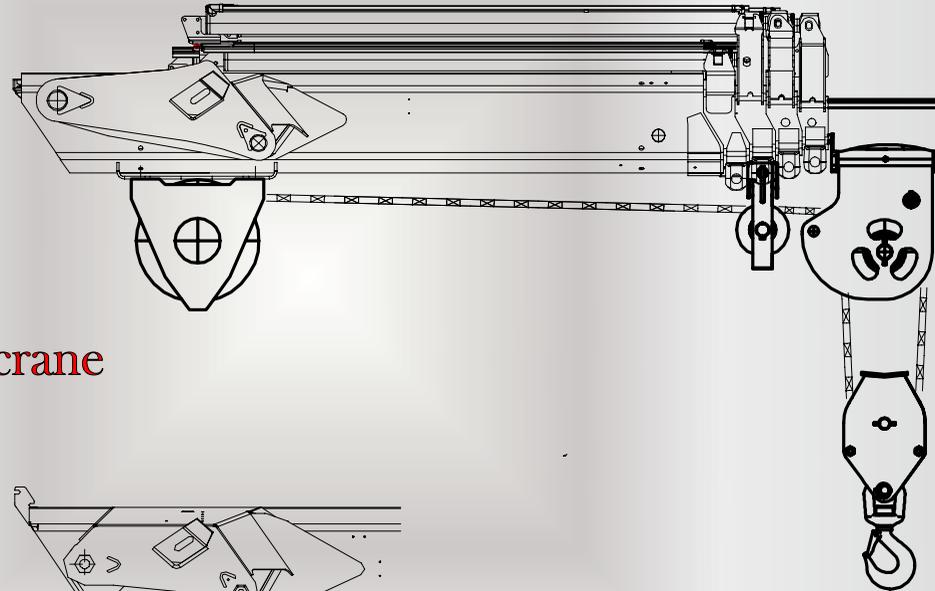
► The operation is done through the command with exclusive lever for the winch or via wireless control

Excellent choice for repetitive movement and high productivity, such as assemblies for example

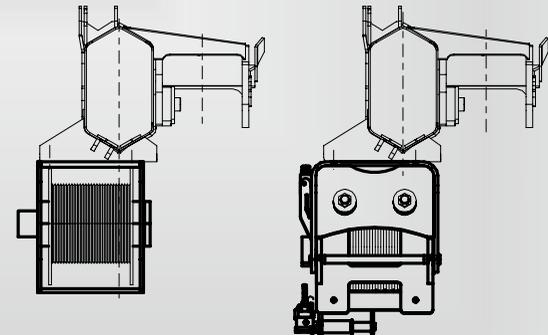
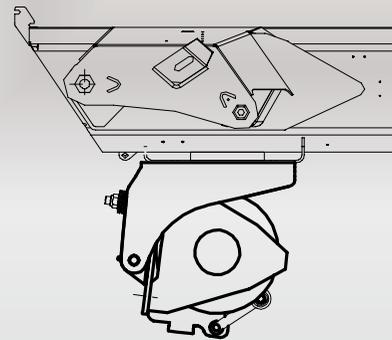


# HYDRAULIC CABLE WINCH

PUMA need to be informed at the buy moment because needs to send the parts below



Each part is specific for each crane



## WIRELESS CONTROL

All the main functions of the crane - Rotation, elevation, inclination, extension of hydraulic extensions and any tolls, preset movement speeds (turtle mode - 50% speed and rabbit mode - 100% speed), emergency stop, screen to follow the on action functions), with more safety than in the hydraulic control ;

Functions available with truck parameterized ignition, remote shutdown of truck engine, acceleration and deceleration of engine.



## OTHER ACCESSORIES

According to the application we have our own engineering with great experience in developing new products



Crane claws for logs and waste collection

Big Bag Support Device

Trawlwinches

Dynamometers

Dumpactivation through the hydraulic command for Tippers

A complete line for all applications .



## NICHE MARKETS

Self catering apartments

Distributors of steel in general

Pre-casting manufacturers

Manufacturers of implements

Generatorrentals

Agricultural dealers

Containerrentals

Engine grinding

Chemical toiletrental

Rewinding of electric motors

Industrial Assamblies

Visual communication companies

Builders

Soil and foundation engineering companies

Small, medium and large farmers

Port operators and storage sheds

Ceramic industry (floors, tiles ...)

Party and Event Production Companies

Electrical material stores

Service providers to companies

Removal companies

Of electricity

Logistics / Conveyor Companies





[[www.pumacrane.com](http://www.pumacrane.com)]

[pumacrane@gmail.com](mailto:pumacrane@gmail.com)  
[otovinc@gmail.com](mailto:otovinc@gmail.com)

+90 0532 672 65 86

+90 0541 672 65 86

**PUMA CRANES**