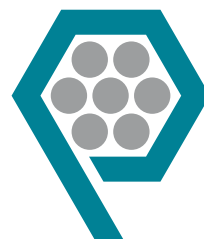




# LIFTING EQUIPMENTS



**prestar**





## HISTORY



Prestar, s.r.o. is situated in Opava in the eastern part of the Czech Republic near Polish borders.

The company was founded in 1991 and it has been providing machines and the equipment for processing tubes and rods for steel industry and manufacturing industry for more than twenty years. Individual machines and fully integrated production lines are designed for each customer individually and are produced in modern production facilities.

Our supplies include complete project work, development, production and installation of fully automatic machines and equipment. More than 70% PRESTAR equipment is exported to countries of Central and Eastern Europe.

Production, launching and service are parts of our complete customer care. Customer care and common design of an optimal technical solution make the main priority for PRESTAR company.

PRESTAR's customers believe that it is a company renowned for its quality, high technical level, originality, reliability and friendly approach to customer's needs.



## C-HOOKS WITH COUNTERBALANCE

Rigid steel structure from strength steels for extreme use. Thanks to the design arrangement of the levelling counterbalance the loading part of the hook has slightly lifted front part (approximately 4°). This incline prevents spontaneous slipping of coil. The length of the load-bearing part corresponds to approximately 3/4 (or 4/4) of maximum coil width.

01



# 02



## SELF-GRIPPING TONGS

Tongs are designed individually with regard to shape, length, weight, temperature of the load and other requirements specified by customers and according to the needs of the relevant facility.

This type of tongs are mostly used for handling ingots, slabs, blocks etc.

Most types of tongs are used to transport the load in a vertical or horizontal position, but certain types of tongs can also be used for rotating loads.

Tongs are mostly equipped with self-active automatics. The automatics are used in all types of larger tongs and in those places where unattended (fully automated) operation is required.



# 03

## HYDRAULIC AND ELECTRIC TONGS

Tongs are designed individually with regard to shape, length, weight, temperature of the load and other requirements specified by customers and according to the needs of the relevant facility.

This equipment serves for easy, fast and safe handling of different types of loads, e.g. slabs, ingots, paper rolls, straw bales etc. The main advantage of this type of tongs is that the movement of the legs is fully controlled and also large operating range.





# 04

## TRAVERSES

It is a very wide group of lifting equipments.

Traverses are used to transport loads using the chains, ropes and textile lashings.

Traverses consist of three main parts:

- the support beam
- upper hinge for hanging on the crane hook
- lower hinge for hanging the load

The individual parts are produced in many designs, so it is always possible to design the traverse that will meet the customers requirements.



# 05

## CONTAINER SPREADERS

This equipment serves for easy, fast and safe handling of containers. It is used by container manufacturers as well as people in logistics. The equipment is always made to order and customized to the specific needs. The container spreaders are manufactured in many modifications . differing:

- in design of the steel construction (container spreader with fixed length to handle one type of containers, telescopic spreader to handle more types of containers)
- in the way of locking pins (hydraulically or mechanically)





# 06

## HYDRAULIC AND ELECTRIC UPENDERS

Hydraulic and electric upenders are used to rotate loads within a 90° or 180°.

Loads are arbitrary. In practice, there are mainly metal coils that need to be turned by 90° at a certain stage of processing, working or transportation. Molds and forms are other frequent types of loads that need to be rotated into a proper position because of repair or storing necessity. Slabs are mostly turned by 180° because of needs of processing of both sides of slabs.



# 07

## GRABS

They serve for handling of materials like coal, sand, wood chips etc. Volume and load-bearing capacity of the dipper depend on the volume of transport (m3/hour), crane capacity and other factors.





08

## TELESCOPIC TONGS FOR STEEL COILS AND SHEET PLATES

This type of equipment is used to handle coiled and plates sheets. It is used both by sheet manufacturers and processors, and in metallurgical material warehouses.



09

## OTHERS

Prestar s.r.o. deals with the design, construction and production of wide range of lifting and handling equipment according to individual customer needs.





Prestar, s.r.o.  
Vávrovická 101  
747 07 Opava  
Czech Republic

tel.: +420 553 759 720  
fax: +420 553 759 721  
e-mail: [prestar@prestar.cz](mailto:prestar@prestar.cz)  
[www.prestar.cz](http://www.prestar.cz)

