

Polidek

From words
To deeds.

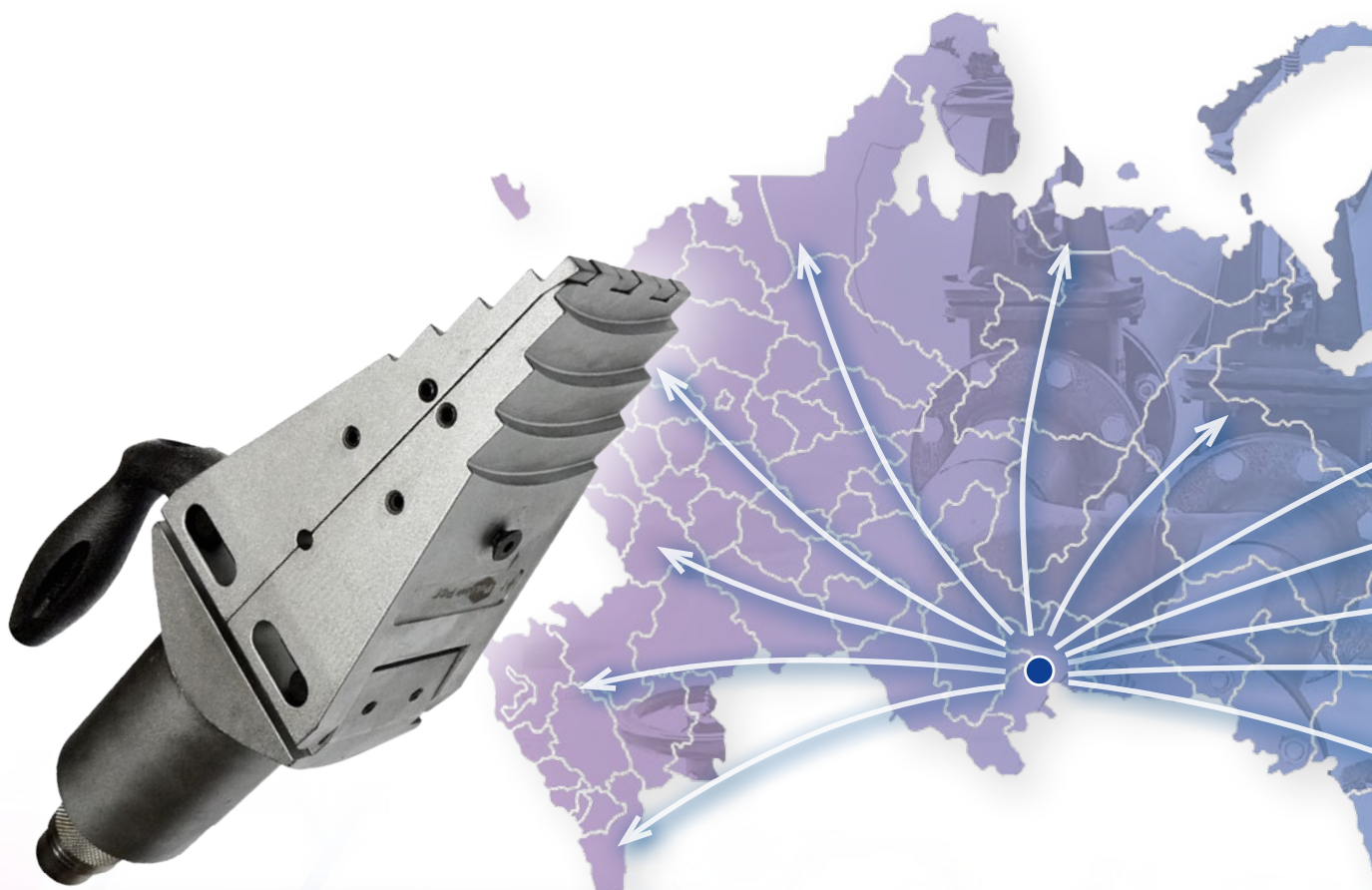
**RUSSIAN
PRODUCER
of flange
tools**



www.polidek.ru
www.polidekinternational.ru

What we do?

The POLIDEK group of companies has launched batch production of professional tools for coal mining, oil and gas and chemical industries, heat power engineering and municipal services.





We work with
15
region of Russia
and 4 CIS countries



We provide the following goods

Flange spreaders



Flange alignment tools



Hinged pipe cutters



Flange pulling tools



The mission of our enterprise –

is catering to our clients' needs at most in terms of highly productive and reliable professional tools.

When buying out tools you benefit from:

High-quality
of technical maintenance

Guaranteed
low price
in comparison with
competitors



Spare parts, tools and
accessories (SPTA)
always present

Possibility of ordering
custom-made or
non-standard tools
and equipment

Reliable tools
which specifications
can compete with analogs

Mechanical Flange Spreader RFM-9 Polidek

A professional mechanical unit for spreading flanges RFM-9 for preventive and remedial maintenance on pipelines of a various diameter (a flange method of joint).

The gap setting required for installation of the spreader is 6 mm only, and the maximum spreading width is 94 mm. The mechanism is equipped with step blocks that enable to reduce flange spreading time significantly. The unit can develop force of 98 kN, and the mechanical structure ensures soft performance.

Characterized by small weight and compact size, at that being reliable enough.



Made in Russia

локализация



Specifications:



force
98 kN



min. gap
6 mm



max. opening
94 mm



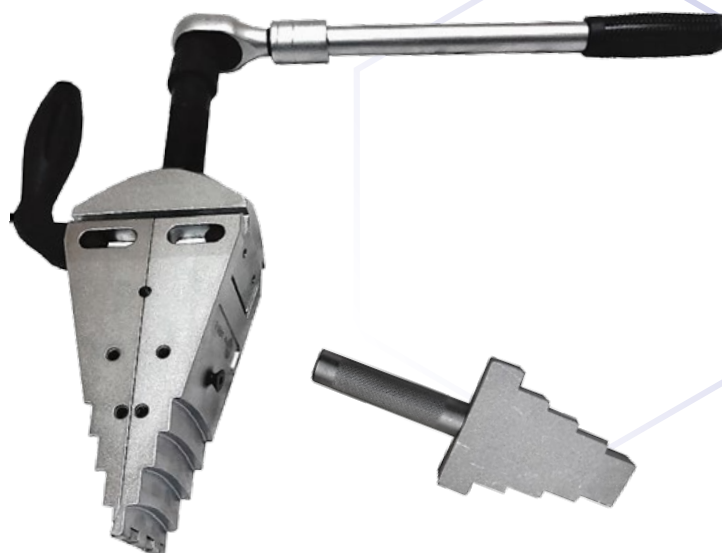
weight
7 kg

Mechanical Flange Spreader RFM-14 Polidek

A professional mechanical unit for spreading flanges RFM-14 for preventive and remedial maintenance on pipelines of a various diameter (a flange method of joint).

The gap setting required for installation of the spreader is only 6 mm, and the maximum spreading width is 94 mm. The mechanism is equipped with step blocks that enable to reduce flange spreading time significantly. The unit can develop force of 138 kN, and the mechanical structure ensures soft performance.

Characterized by small weight and compact oversize, at that being reliable enough.



Made in Russia

локализация



Specifications:



force
138 kN



min. gap
6 mm



max. opening
94 mm



weight
7 kg

Hydraulic Flange Spreader RFG-14 Polidek



A professional flange spreader RFG-14 applied in combination with hydraulic equipment of the RFG-14C type.

It constitutes a set of hydraulic spreader with two step blocks and can be used in combination with hand-operated high-pressure hydraulic pump equipment. It can create 138 kN.

It ensures spreading flange joints up to 94 mm, at that the minimum gap is 6 mm. Completed with a security unit and characterized by small weight for equipment of this kind (7.8 kg). Reliable, durable, easy to operate.



локализация



Specifications:



force
138 kN



min. gap
6 mm



max. opening
94 mm



weight
7,8 kg

Hydraulic Flange Spreader RFM-14C Polidek

A set of professional equipment including the RFG-14 flange spreader, a hand-operated hydraulic pump, a high-pressure flexible tube for system elements connection.

It is used for flange pipelines maintenance (replacement of coupling gaskets, disassembly). It is capable of ensuring flange spreading with 138 kN force.

A minimum operating gap is 6 mm, a maximum spreading setting is 94 mm. A set is supplied in a convenient case that significantly simplifies its transportation to the operating site.

Reliable, maintainable and easy to operate.



локализация



Specifications:



force
138 kN



min. gap
6 mm



max. opening
94 mm



weight
7,8 kg

Hydraulic Flange Spreader RFG-14M Polidek

A modified version of the RFG-14C flange spreader equipped with a hand-operated hydraulic pump and 2 high-pressure hoses for system elements connection.

Due to this, it is possible to create flange spreading force of 275 kN that enables to accelerate preventive and remedial works and maintenance of main pipelines of a big diameter.

A minimum operating gap is 6 mm and a maximum spreading setting is 94 mm. Being reliable and maintainable, it does not decrease endurance during high-duty service.



Specifications:



force
28 tf



min. gap
6 mm



max. opening
94 mm



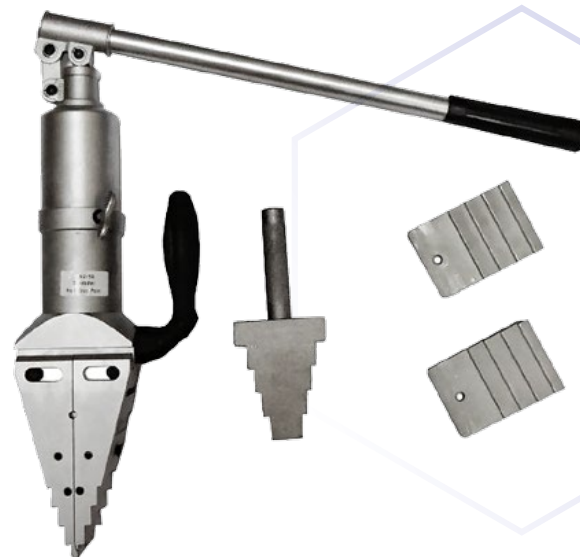
weight
18,2 kg

Integral Hydraulic Flange Spreader RFA-15 Polidek

The professional tool for flange spreading RFA-15 does not require utilization of an additional hydraulic pump.

It ensures spreading force up to 147 kN characterized by reliability and move smoothness in the operating mode.

Its weight is 8.2 kg only, it can be applied with a minimum flange gap of 6 mm and ensures 94 mm spreading. It is completed with two step blocks and a guard plate that provides operation security. Indispensable during preventive and remedial work of main networks of a big diameter. Made of high-strength alloys, easy technical maintenance.



Specifications:



force
147 kN



min. gap
6 mm



max. opening
94 mm



weight
8,2 kg

Cylindrical Integral Hydraulic Flange Spreader

RFCA-15 Polidek

The professional flange spreader RFCA-15 has an essentially new structure where details of hydrocylinder function as base plates.

Used for service and disassembly of pipeline, easy to use due to its small weight.

It does not require utilization of high-pressure hydraulic pumps. A gap of 3 mm between flanges is enough for applying the spreader, at that its spreading width is 74 mm. The force created by an in-built hand drive reaches 147 kN.

Simple structure of the device guarantees its reliability and durability.



Made in Russia

Specifications:



force
147 kN



min. gap
3 mm



max. opening
74 mm



weight
6,25

Cylindrical Hydraulic Flange Spreader

RFGC-12 Polidek

A compact flange spreader RFGC-12 is indispensable for service of flange pipelines of a big diameter, and it is characterized by small weight.

Can be applied with the gap setting from 3 mm, maximum spreading is 74 mm.

During operation, it creates force of 118 kN that allows reducing time for flange spreading.

Made of high-strength kinds of steel, distinguished by its significant endurance and good maintainability.



Made in Russia

Specifications:



force
118 kN



min. gap
3 mm



max. opening
74 mm



weight
4,95 kg

Mechanical Flange Alignment Tool

VFM-1 Polidek

The flange alignment tool is aimed at high quality elimination of axial and rotational distortions of flange joints on pipelines of different application.

Having compact size, small weight and maximum force of 1 tf only, this item of a flange alignment tool has the following exceptional characteristics:

- high performance,
- high speed of operation,
- reliability and durability.



Specifications:



force, kN
9,8



min. gap, mm
6



oversize (LxWxH), mm:
234x25x151



weight, kg
2,3

Mechanical Flange Alignment Tool

VFM-4 Polidek

The flange alignment tool is aimed at axial alignment of flange oil and gas pipelines, central heating stations, etc. during their assembly.



Specifications:



force, kN
39,2



valve rod travel, mm
54



oversize (LxWxH), mm:
367x100x292



operating distance, mm
до 158

* A diameter of holes of aligning flanges for fixing elements no less than 24 mm

Hydraulic Flange Alignment Tool

VFM-9 Polidek

The flange alignment tool is aimed at axial alignment of flange oil and gas pipelines, central heating stations, etc. during their assembly.

VFM-9 is distinguished by excellent operational characteristics:

- high performance and speed of operation,
- long-lasting operation without additional service

Maximum force of 88.20 kN and operating pressure of 700 bar ensure top quality and speed of operation at small oversize of the tool.



Specifications:



force, kN
88,2



oversize (LxWxH), mm:
510x140x255



valve rod travel, mm
70



operating distance, mm
до 245



max. operating pressure, bar
до 700



flange diameter, mm
до 1000

* A diameter of holes of aligning flanges for fixing elements no less than 38 mm.

Pipe Cutters

TR Polidek

PoLidek



Made in Russia

Hinged pipe cutters are aimed at cutting steel pipe with a diameter from 2 to 12 inches.

Due to four special reels, a pipe cutter easily cuts different kinds of steel including stainless and forge steel.

There is no need to do a full turn around the pipe to cut it, a rotational move within an angle of 25 degrees is enough for even and fast cutting.

Due to unique closed structure of the frame, pipes are cut without sparks and with the greatest effectiveness.

Pipe Cutter

TR4S Polidek



pipes, inch:
2-4



pipes, mm:
45-125



oversize (LxWxH), cm:
62x23x9



weight, kg
6,8

Технические характеристики:

Pipe Cutter

TR6S Polidek



pipes, inch:
4-6



pipes, mm:
90-180



oversize (LxWxH), cm:
75x31x10



weight, kg
9

Технические характеристики:

Pipe Cutter

TR8S Polidek



pipes, inch:
6-8



pipes, mm:
140-245



oversize (LxWxH), cm:
86x40x9



weight, kg
12

Технические характеристики:

Pipe Cutter

TR12S Polidek



pipes, inch:
8-12



pipes, mm:
200-360



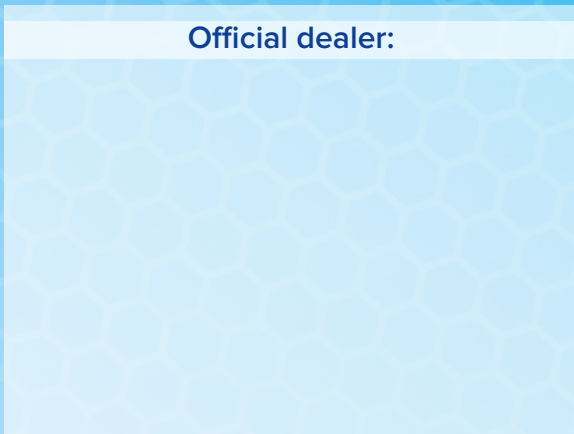
oversize (LxWxH), cm:
105x48x10



weight, kg
18

Технические характеристики:

Official dealer:



Polidek

From words
To deeds!

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of companies**

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Our website:
www.polidek.ru, www.polidekinternational.ru

