

KOSTYRKA hydraulic pressure generator

For precise pressure supply.

High pressure for clamping and supporting

In many cases, machine tools feature a hydraulic pressure that is not sufficient for clamping devices for circular and flat guides, or for clamping and support elements used in hydraulically actuated devices. In some cases no hydraulic supply is available at all, but instead only compressed air.

Whether it's air-oil or oil-oil:

The solution to all pressure problems is the KOSTYRKA[®] hydraulic pressure generator. With a wide range of air-oil and oil-oil hydraulic pressure intensifiers and the different transmission ratios, it ensures that high-pressure oil is available wherever it's needed. And all this at low costs and without additional maintenance expenses. The KOSTYRKA[®] hydraulic pressure generators compact design



Hydraulic pressure generator - the Principle



Air-oil

- 1 Pneumatic connection max. 6 bar
- 2 Hydraulic/pressure oil connection

Oil-oil

- 3 Hydraulic low-pressure connection max. 100 bar
- 4 Hydraulic high-pressure connection

Hydraulic pressure generator - References



KOSTYRKA® clamping sleeves in Gabo Qualimeter test control units are operated with KOSTYRKA® air-oil hydraulic pressure intensifiers, custom-built for this application.

Pressure generator - standard sizes

Type	Constitution	i	Volume
1410.10.00	Air-Oil	1:12	5 ml
1410.20.00	Air-Oil	1:34	6,2 ml
1410.30.00	Air-Oil	1:17	12 ml
1410.35.00	Air-Oil	1:51	15 ml
1410.40.00	Air-Oil	1:25	30 ml

i = transmission

Type	Constitution	i	Volume
1450.02.00	Oil-Oil	1:4	4 ml
1450.04.00	Oil-Oil	1:4	15 ml
1450.14.00	Oil-Oil	1:4	23 ml
1450.15.00	Oil-Oil	1:4	70 ml
1450.16.00	Oil-Oil	1:2,2	65 ml
1450.17.00	Oil-Oil	1:2,25	125 ml

i = transmission



KOSTYRKA® pressure generators can be produced in any dimension according to customer requirements.