

# PROFMASH

## HYDRAULIC CYLINDERS

PE "PROFMASH" The manufacturer of hydraulic cylinders 72319, Zaporizhzhya region, Melitopol, Heroiv Ukrainy street, 210/3

EDRPOU: 35432651 Account number: 26000455043380 OTP Bank in Kyiv TIN 354326508325 The number of certificate 100345311

Dear Sirs,

Production company «Profmash» from Ukraine want to consider cooperation with you and needs to purchase honed tubes (pipes) for the production of hydraulic cylinders.

Please provide your price quote for the following types of pipes:

Tube 50x40=136.2kg=23m

Труба 60x50 H9 = 9453.4 kg=1308m

Tube 73x63=1337.4kg=149.8m

Tube 80x70=25395kg=2562m

Tube 90x80=669kg=59.2

Our technical requirements for pipes H9:

1. Material E355 / ST52 / Q345B.
2. Technical delivery conditions - standard EN10305-1 / DIN2391.
3. The inner diameter must comply with the H9 quality.
4. The cleanliness of the surface of the inner diameter  $Ra \leq 1.25$
5. Tolerance of the outer diameter of the pipe  $+0 \dots +0.5$  mm.
6. The outer diameter of one pipe blank along the entire length should have a deviation of not more than 0.2 mm.
7. The outer diameter must be smooth (for painting without additional surface treatment), the presence of pore shells and other defects is not allowed.
8. Deviations from the straightness of the pipe not more than 1 mm over a length of 1000 mm.
9. The difference in any pipe section is not more than 0.2 mm. (deviation of the minimum from the maximum value of the wall thickness in any section of the pipe is not more than 0.2 mm).
10. Finished pipes must have a tensile strength of at least 750 MPa and a yield strength of at least 600 MPa.
11. Marking is not permitted on pipes.

We also need to purchase a rod with a chrome plating (chrome plated bar) for the production of hydraulic cylinders:

Please provide your price quote for the following types of rods:

chrome plated rod with a diameter of 20mm=85.3kg=85.3m

chrome plated rod with a diameter of 25mm=815.3kg=207.1m

chrome plated rod with a diameter of 30mm=192.2kg=34.2m

chrome plated rod with a diameter of 32mm=1276.6kg=202.2m

chrome plated rod with a diameter of 40mm=41459kg=4145,95m

