

STATIC PIPE MIXER

Drago Project Ltd. developed primarily for their own purposes, static pipe mixer to the multi-phase mixing of chemicals between themselves, as well as mixing water with one or more of the chemicals at the same time.

Static pipe mixers are designed and dimensioned according to the specific requirements of the Employer with suggestions and calculations of professional staff *Drago Project Ltd.*

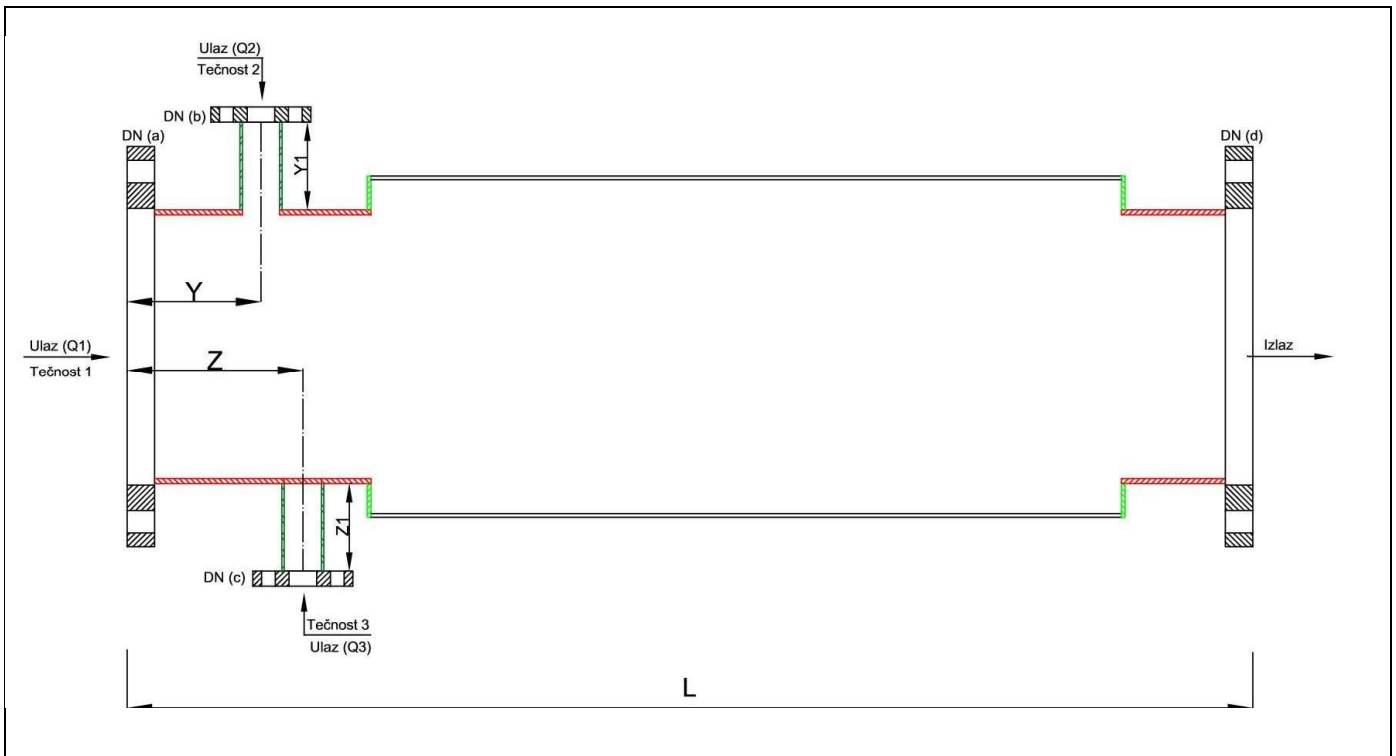
A separate structure of the mixer is achieved by 5 to 8 times, multiphase, upstream interference which produces excellent effects and mixing well.



Static pipe mixers are made of stainless steel (on request), and at the request of the Employer we can produce mixers and other steel with corrosion protection or not.

According to the figure below, it is necessary to know some of the parameters important for the realization of the mixer:

- basic fluid flow through the inlet 1,
- flow doses for mixing the input 2, input 3
- pressure drop of liquid at the outlet, etc.), as well, flange dimensions DN (a), DN (b), DN (c), the total length of the mixer, the distance between the input 1, input 2, input third .



Design of static pipe mixer according to customers requirements

VM	-	types of materials for making mixer (corrosion resistance)
Q1	-	fluid flow through the inlet 1
Q2	-	fluid flow through the inlet 2
Q3	-	fluid flow through the inlet 3
L	-	the total length of the mixer
Y	-	the distance between the input 1 and 2
Y1	-	tube length for input 2
Z	-	the distance between the input 1 and 3
Z1	-	tube length for input 3
DN (a)	-	flange dimensions for input 1
DN (b)	-	flange dimensions for input 2
DN (c)	-	flange dimensions for input 3
DN (d)	-	dimension flanges to exit
dP	-	pressure drop of liquid at the exit

For further information, please contact the expert team of the company Drago Project Ltd

Note: Users and designers of technological processes we deliver all the necessary information to design specific technological solutions in the application of our static mixer.

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2014/4

Godina
proizvodnje

2014

Radni
prostorSTATIČKI CEVNI
MEŠAČRadni
medijumMELASA / H₂SO₄Zapremina
/m³/

0,012

Pritisak
Radni /bar/

3,5

Probni

4,55

Radna
temperatura /°C/

40

EXAMPLE OF DECLARATION THE STATIC MIXER