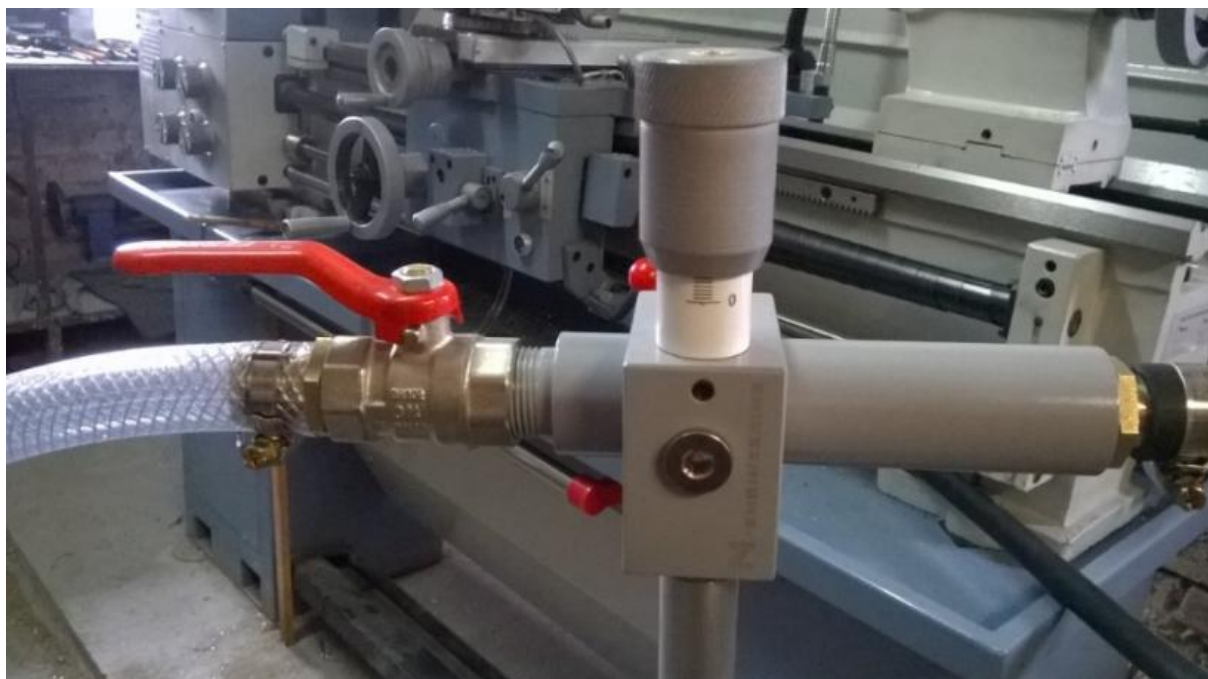


## E9 emulsion mixer for reparation cooling and lubricating emulsion

Designed primarily for the preparation of cooling emulsion for machine tools, forming processes, etc., it handles all common emulsion oils and guarantees high-quality emulsion preparation.

To produce an emulsion, only the pressure energy of the water is needed - the emulsion oil is sucked into the water flow and mixing takes place in the mixing chamber. The emulsion concentration achieved depends on the water pressure and the type of emulsion oil. To set the required concentration under your conditions, use a refractometer, you can find a suitable type in our offer. The scales on the mixers are indicative only and serve to easily set the same parameters.



### Parameters:

Water pressure min. 3.5 to 6 bars  
Achieved emulsion concentration 1 - 20%  
Amount of emulsion up to 1200 l/hour  
Suction depth 1000 mm  
Weight 3kg

## Equipment:

The hose coming into contact with the emulsion is resistant to petroleum products

The hoses used are up to a maximum pressure of 6 bar

Water supply - through a 1/2" ball valve with a 3/4" hose (length 2m)

Output - 1/2" hose (length 1.5m) with an end for hanging on a barrel

Clamping nut G2" for easy clamping of the mixer to a regular barrel

The suction pipe is fitted with a non-return valve.

## Installation and setting

The emulsion mixer inserts into the barrel with emulsion oil, fix it by the nut clamp and secure with a screw. Connect to the water supply . To achieve the setting of the desired emulsion concentration, measure the mixed emulsion, for example, by a hand-held refractometer.

## Recommendation

- When choosing the concentration of the prepared emulsion, follow the instructions of the emulsion oil manufacturer.
- You cannot switch to different types of emulsion oils without thoroughly washing the device. Washing the device is done by sucking in clean water.
- After a long period of use or when the emulsion oil becomes dirty, the suction basket must be disassembled and cleaned. A sign of contamination of the suction basket is the pulsation of the emulsion concentration.
- The prepared emulsion may only flow into the free space of the open tanks.
- The outlet hose must have smooth bends and no devices such as shut-off valves, flow meters, any connections to pipes and pressure tanks, etc. must be installed behind the outlet part of the mixer.

## Notice:

The discharge hose must not be left on the ground after finishing work, there is a risk of emulsion oil leaking from the tank. It must be suspended above the level in the oil tank.



**Ing. Novák Stanislav**

**Mobile: +420 608 829 847**

**email: [n-engineering@hotmail.cz](mailto:n-engineering@hotmail.cz)**

**Slunecna 235, region Pardubice,#**

**CZ-533 72 Moravany, Czech Republic**