



## OSV S400

MIXING AND DOSING MACHINE  
FOR CASTING TWO-COMPONENT POLYURETHANE ELASTOMERS,  
FLEXIBLE AND RIGID FOAMS, SILICONES AND EPOXY RESINS

**OSV S400** is a new generation of the machines of S series, specially developed for mixing and dosing of the two-component polyurethane elastomers and foams. In the April of 2010 OSV Technologiya successfully approved the serial production of this model. Today we are glad to offer our customers machine, which is reliable and easy in operation and maintenance, affordable in terms of cost.

Among the main advantages of OSV S400 is the possibility of processing of a wide range of products — rigid, integral and flexible foams, polyurethane elastomers, and silicone, epoxy resins. Small output of the model gives it a significant advantage in applications where it is necessary to produce items of relatively small size.

**Among the most popular applications of OSV S400 there are:**

- Car accessories
- Elements of automotive tuning
- Decorative elements for furniture and architecture
- Furniture accessories
- Souvenir products
- Automotive filters
- Parts of engineering and technical purpose



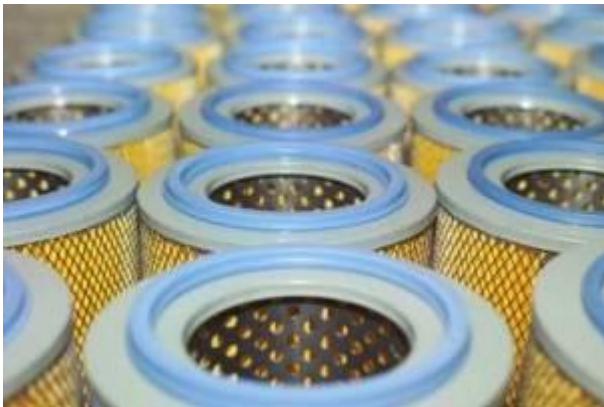
**FINISHED SAMPLES MADE WITH OSV S400**



*Element of the auto tuning*



*Decorative mushrooms*



*Automotive filters*

**FINISHED SAMPLES MADE WITH OSV S400**



*Handle for the seat in the coach of train*



*Element of auto tuning*



*Frame for the mirror*



*Signboard*



*Souvenir magnet*



*Wheel with cover*

**FINISHED SAMPLES MADE WITH OSV S400**



*Amortization pad for light airplanes*



*Armrest for the seat in electric train*



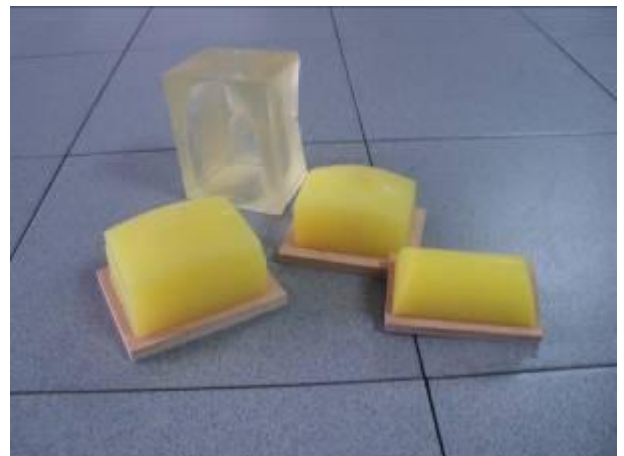
*Metal roller for the mixer coated with polyurethane*



*Table for the car interior*



*Part for heavy machinery coated with polyurethane*



*Silicone pad for printing*

## **TECHNICAL SPECIFICATION OF OSV S400**

**OSV S400** — it is mixing and dosing machine which allows processing a wide range of two-component polymeric products:

- Rigid and flexible foams
- Polyurethane elastomers
- Gluing systems
- Silicone resins
- Epoxy resins

#### **Tanks for components**

- 2 metal tanks for A and B components
- Capacity — 24 liters
- Electrical heating of the tanks up to 40°C
- Accessories of connecting for vacuum of components
- Tank for flushing liquid, capacity — 2 liters

#### **Dosing unit**

- 2 gear pumps of high accuracy
- Electrical heating of the pumps up to 40°C
- The drive from electric motors reducers

#### **Mixing head**

- Dynamic mixing
- The drive from electric motors reducers
- Node of cleaning of mixing chamber
- Mounting on swing arm

#### **Frame and accessories**

- Frame from aluminum profile MiniTec (Germany)
- Flexible hoses for components with electrical heating up to 40°C

#### **Technical data**

- Adjustable output— from 0,2 l/min to 1 l/min with the ratio of components 1:1
- The adjustment range of ratio of components — from 1:1 to 4:1, optionally – up to 20:1
- Maximum working pressure in the system — not more than 10 bars
- Power consumption — not more than 2,5 kW

## **TERMS OF DELIVERY**

- Price of OSV S400 — 17 000 euro
- Basis of delivery — FCA Tsurupinsk, Ukraine
- Terms of payment — 70% during the placing of order, rest 30% — after successful completion of testing and training, before dispatching the goods to the Buyer
- Production time — 5 weeks
- Training — free of charge, including technology of mould making
- Warranty — 12 months\*

\* Warranty doesn't cover O-rings and seals of hydraulic and pneumatic systems

**According to the technical task of the Buyer the machine can be equipped (optionally): device for pigments dosing, vacuum pump, and heating up to 60 °C**

## **CONTACT INFORMATION**

- Concerning all questions of technical and commercial character you can contact Yana Kornienko by phone +380 67 553-95-79, by e-mail - [kya@osv.com.ua](mailto:kya@osv.com.ua) or by Skype yna\_kornienko.
- Our address: 190 Gvardeyskaya street, Tsurupinsk, Kherson region, 75101, Ukraine
- Fax: +380 5542 4-59-66
- Website: [www.osv.com.ua](http://www.osv.com.ua)