

# BMP 511 SHARK & BMP 522 SHARK

## ELECTRONIC DISPENSERS FOR LIQUID FUEL



### BMP 511 SHARK & BMP 522 SHARK | BASIC SPECIFICATION

The fuel dispensers TATSUNO BENČ BMP 511 SHARK & BMP 522 SHARK serve for dispensing of liquid oil products into road vehicles on retail and commercial outlets. BMP 511 SHARK dispensers are of one-sided or double-sided, one-product, single-hose design and BMP 522 SHARK dispensers are of double-product, double-hose design; two cars can be filled simultaneously from both hoses, moreover each hose can dispense another fuel product. The fuel dispensers are equipped by the high-quality Japan hydraulic system TATSUNO and by the reliable electronic calculator PDE (Czech Republic). The fuel dispensers are operated both in the manual mode (i.e. off-line), and in the automatic mode, where the fuel dispenser is linked with the kiosk control system and the data concerning volume, sum and price are transmitted to POS. TATSUNO BENČ BG-16 console can be used for fuel dispenser controlling or the fuel dispensers can be connected directly to the filling station control system.



NEW SOPHISTICATED DESIGN



FIBREGLASS COVERS



HYDRAULIC SYSTEM TATSUNO (JAPAN)



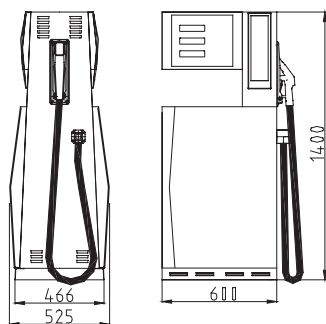
CREDIT MODULE



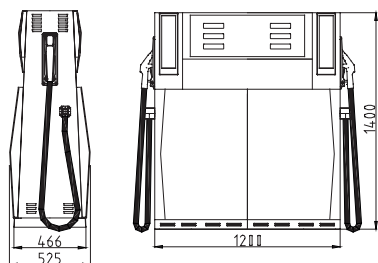
PETROL VAPOUR RECOVERY

# ELECTRONIC FUEL DISPENSERS TATSUNO BENČ BMP 500 SHARK

BMP 511.SD

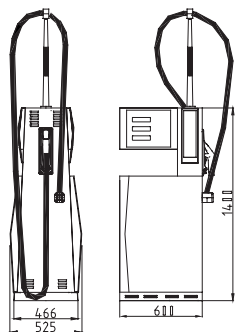


BMP 522.SD



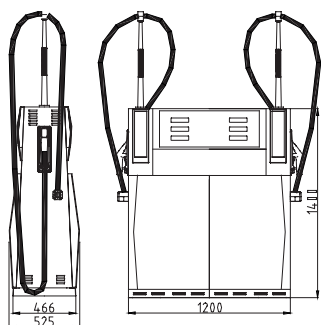
with hose spring

BMP 511.SD



with hose springs

BMP 522.SD



## ONE-SIDED DISPENSERS BMP 500 SHARK

| type          | products | hoses |
|---------------|----------|-------|
| BMP 511.SL(R) | 1        | 1     |
| BMP 522.SL(R) | 2        | 2     |

## TWO-SIDED DISPENSERS BMP 500 SHARK

| type       | product | hoses |
|------------|---------|-------|
| BMP 511.SD | 1       | 1     |
| BMP 522.SD | 2       | 2     |

## MODEL SPECIFICATION

- Hydraulics – pumping monoblocks and piston meters TATSUNO (Japan)
- Reliable electronic counter
- LCD displays (6-6-6) with controlled LED backlight
- Modern compact design with fibreglass covers
- Two-channels pulse generators TATSUNO (Japan)
- Two types of electronic registers for every dispensing nozzle – non resettable register for litres and daily registers for litres and amount (zero adjustable)
- Non resettable electromechanical litres register for every dispensing nozzle
- Infra-red remote controller for fuel price setting, for electronic registers reading, for user's functions operating and dispensing pump setting
- Vapour recovery system with electronic signalling (on request)
- Dispensing hoses and nozzles ZVA-ELAFLEX (Germany)
- Hose springs (on request)
- Sight glasses for fuel flow check (on request)
- Controlling electromagnetic valves for accurate dispensing of preselected amount or fuel volume (on request)
- Four buttons keypads for dispensing according to preselected amount or fuel volume (on request)
- IFSF-LON or IFSF-TCP/IP data communication (on request)
- Various built credit modules for local credit cards/chips (on request)
- Dispensers versions with volume displays only
- Various colour performance – on customer's request

## TECHNICAL SPECIFICATION

|                                |  |
|--------------------------------|--|
| pumping output                 | <ul style="list-style-type: none"> <li>standard <math>35 \div 40 \text{ dm}^3 \cdot \text{min}^{-1}</math></li> <li>high performance <math>70 \div 90 \text{ dm}^3 \cdot \text{min}^{-1}</math></li> </ul> |
| accuracy of pumping            | <ul style="list-style-type: none"> <li><math>\pm 0.25\%</math> with minimum dispensed volume <math>2 \text{ dm}^3</math></li> </ul>  |
| maximum operation pressure     | <ul style="list-style-type: none"> <li>standard <math>0.18 \text{ MPa}</math> (1.8 bar)</li> <li>high performance <math>0.25 \text{ MPa}</math> (2.5 bar)</li> </ul>                                       |
| electric motors                | <ul style="list-style-type: none"> <li>three-phase, <math>3 \times 400 \text{ V} / 50 \text{ Hz}</math>, <math>0.75 \text{ kW}</math>, <math>1395 \text{ rpm}</math></li> </ul>                            |
| counter power supply           | <ul style="list-style-type: none"> <li><math>230 \text{ V}</math>, <math>+10\% - 15\%</math>, <math>50 \text{ VA}</math>, <math>50 \text{ Hz}</math></li> </ul>  |
| power supply for motor         | <ul style="list-style-type: none"> <li><math>230 \text{ V}</math>, <math>50 \text{ Hz}</math></li> </ul>   |
| contactors and valve switching | <ul style="list-style-type: none"> <li><math>230 \text{ V}</math>, <math>50 \text{ Hz}</math></li> </ul>   |
| operating temperature range    | <ul style="list-style-type: none"> <li><math>-40^\circ\text{C} \div 50^\circ\text{C}</math></li> </ul>   |