

BMP 2000 SHARK MEDIUM

MULTI PRODUCT FUEL DISPENSERS



BMP 2000 SHARK MEDIUM | BASIC SPECIFICATION

The fuel dispensers TATSUNO BENČ of series BMP 2000 SHARK serve for dispensing of liquid oil products into road vehicles on retail and commercial outlets. We are speaking about progressive one- or double-sided fuel dispensers with one to eight hoses (max. four hoses on each fuel dispenser side) for dispensing of optional 1 to 4 products. The fuel dispensers are equipped by the high-quality Japan hydraulic system TATSUNO and by the reliable electronic calculator PDE (Czech Republic). All fuel dispensers of the type series BMP 2000 SHARK MEDIUM 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)



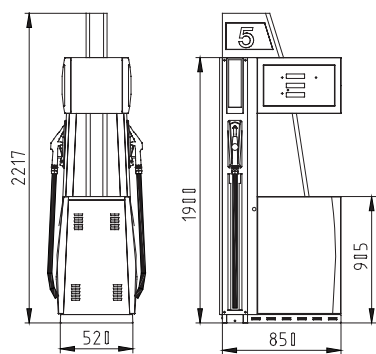
ALPHA-NUMERIC LCD DISPLAYS



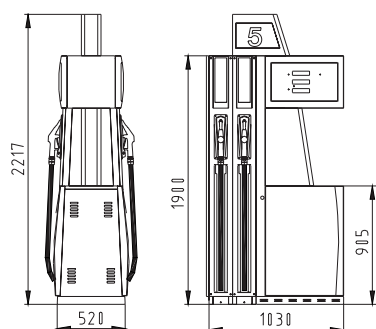
PETROL VAPOUR RECOVERY

MULTI PRODUCT FUEL DISPENSERS TATSUNO BENČ SERIES BMP 2000 SHARK MEDIUM

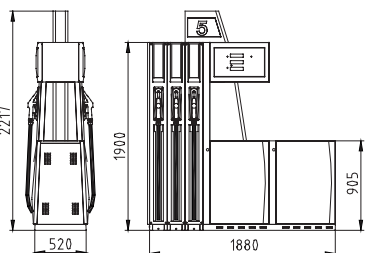
BMP 2012.SMD



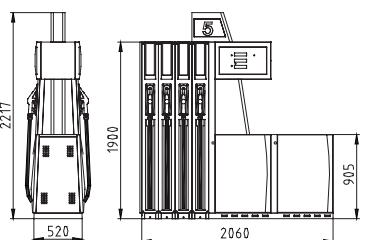
BMP 2024.SMD



BMP 2036.SMD



BMP 2048.SMD



ONE-SIDED DISPENSERS BMP 2000 SHARK MEDIUM

type	products	hoses
BMP2011.SML(R)	1	1
BMP2022.SML(R)	2	2
BMP2033.SML(R)	3	3
BMP2044.SML(R)	4	4

TWO-SIDED DISPENSERS BMP 2000 SHARK MEDIUM

type	products	hoses
BMP2012.SMD	1	2
BMP2024.SMD	2	4
BMP2036.SMD	3	6
BMP2048.SMD	4	8

MODEL SPECIFICATION

- Hydraulics – pumping monoblocks and piston meters TATSUNO (Japan)
- Reliable electronic counter
- Displays: LCD displays (6-6-6) with controlled LED backlight (standardly)
Alphanumeric LCD displays (8-6-6) with LED backlight (on request)
- 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)
- Reliable hose retraction reel
- Very long reach of the dispenser hoses
- 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)
- Possibility for LPG module integration
- IFSF-LON or IFSF-TCP/IP data communication (on request)
- Various colour performance – on customer's request

TECHNICAL SPECIFICATION

pumping output

- one-sided dispensers

standard $35 \div 40 \text{ dm}^3 \cdot \text{min}^{-1}$
high performance $70 \div 90 \text{ dm}^3 \cdot \text{min}^{-1}$

- two-sided dispensers

standard $30 \div 35 \text{ dm}^3 \cdot \text{min}^{-1}$
high performance $70 \div 80 \text{ dm}^3 \cdot \text{min}^{-1}$

accuracy of pumping

$\pm 0.25\%$ with minimum dispensed volume 2 dm^3

maximum operating pressure

standard 0.18 MPa (1.8 bar)
high performance 0.25 MPa (2.5 bar)

electric motors

three-phase, $3 \times 400 \text{ V} / 50 \text{ Hz}$, 0.75 kW , 1395 rpm

counter power supply

230 V , $+10\% - 15\%$, 50 VA , 50 Hz

power supply for motor

230 V , 50 Hz

contactors and valve switching

230 V , 50 Hz

operating temperature range

$-40^\circ\text{C} \div 50^\circ\text{C}$