

BMP 521 UH SHARK

ELECTRONIC DISPENSERS FOR ULTRA HIGH SPEED DIESEL FUEL DISPENSING



BMP 521 UH SHARK | BASIC SPECIFICATION

The electronic ultra high speed ($120 \div 150 \text{ dm}^3 \cdot \text{min}^{-1}$) fuel dispensers TATSUNO BENČ BMP 521 UH SHARK serve for dispensing of diesel fuel and other oil products both on retail and commercial outlets (engine sheds, transport service companies, airports, etc.). The fuel dispensers are of double-sided, single-hose design. 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)



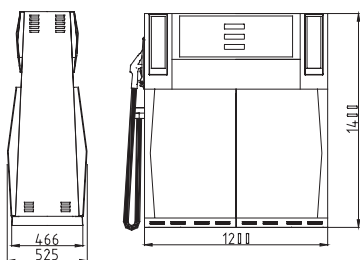
CREDIT MODULE



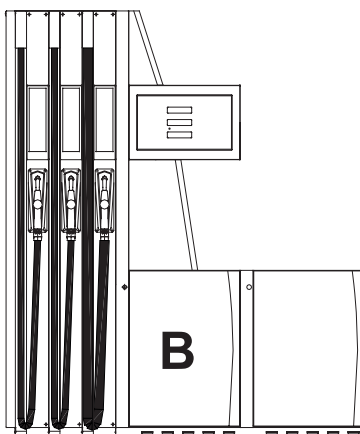
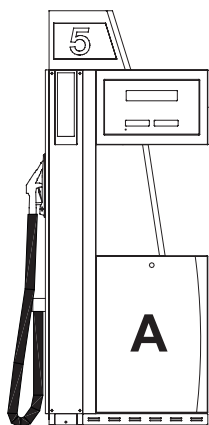
HIGH FLOW PERFORMANCE

ELECTRONIC FUEL DISPENSERS TATSUNO BENČ FOR ULTRA HIGH SPEED DIESEL FUEL DISPENSING

BMP 521.SD



ULTRA HIGH SPEED MODULES INTEGRATED INTO FUEL DISPENSERS SERIES BMP2000 SHARK



ONE-SIDED DISPENSERS FOR UH SPEED DIESEL FUEL DISPENSING

type	products	hoses
BMP 521.SL(R)	1	1

TWO-SIDED DISPENSER FOR UH SPEED DIESEL FUEL DISPENSING

type	products	hoses
BMP 521.SD	1	1

MODEL SPECIFICATION

- Hydraulics – two pumping monoblocks and two 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
- Dispensing hoses and nozzles ZVA-ELAFLEX (Germany)
- 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 builded credit modules for local credit cards/chips (on request)
- Possibility to integrate UH module (130 dm³.min⁻¹) into dispensers BMP 2000 SHARK (see figures)
- Dispensers versions with volume displays only
- Various colour performance – on customer's request

TECHNICAL SPECIFICATION

pumping output	120 ÷ 150 dm ³ .min ⁻¹
accuracy of pumping	± 0.25% with minimum dispensed volume 5 dm ³
maximum operating pressure	0.25 MPa (2.5 bar)
electric motors	three-phase, 3 x 400 V / 50 Hz, 0.75 kW, 1 395 ot.min ⁻¹
counter power supply	230V, + 10% - 15%, 50 VA, 50 Hz
power supply for motor	
contactors and valve switching	230 V, 50 Hz
operating temperature range	-40°C ÷ 50°C