



BAVARIA® Pump Trailer

With a Mounted Portable Fire Fighting Pump

Type

BAVARIA PTSX



Applications:

BAVARIA PTSX pump trailer is one-axle trailer with a mounted portable water pump for fire fighting in areas that have and external water source and with limited fire truck accessibility, such as, rural areas hotels and beach resorts.



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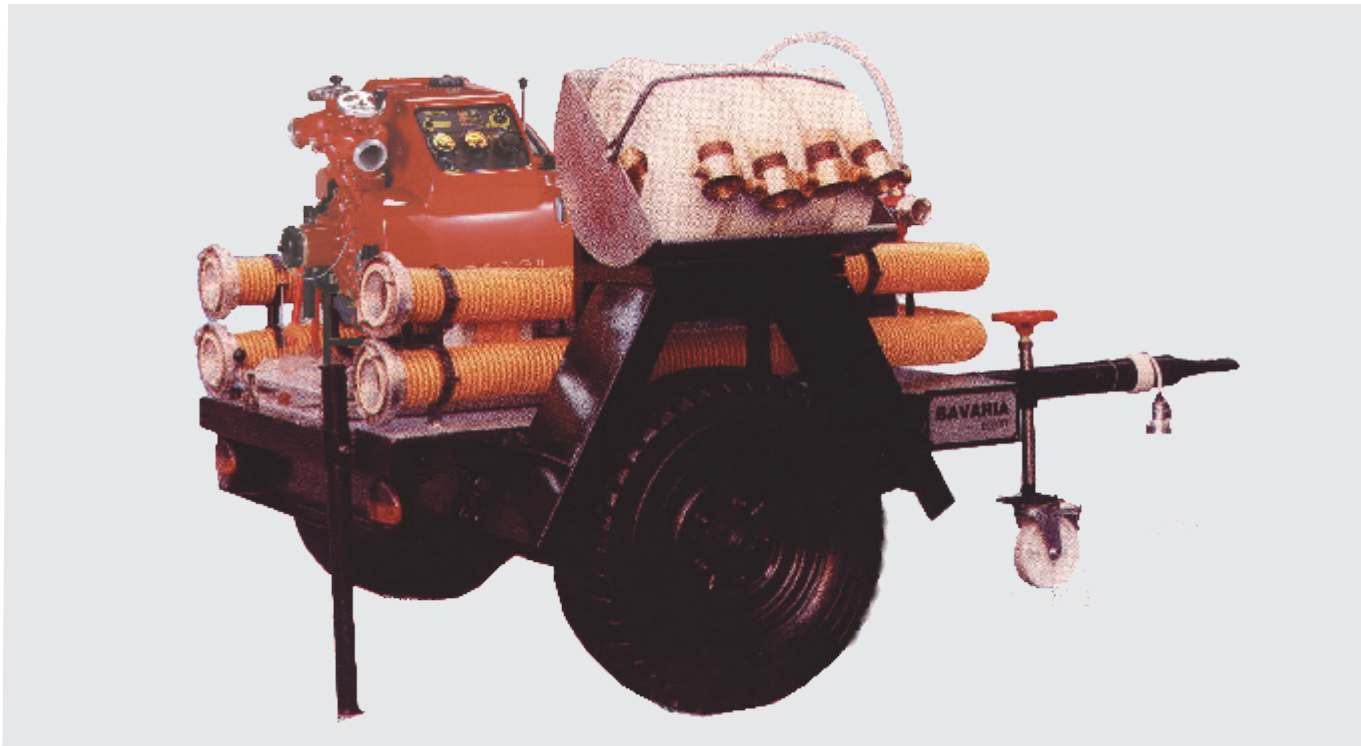


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BAVARIA® Pump Trailer, with a Mounted Portable Fire Fighting Pump

Type: BAVARIA PTSX



Equipment:

- One portable fire-fighting pump, type TOHATSU, VC82ASE
- Two water branchpipes with instantaneous coupling BS 336, 64 mm (2½ inch) diameter
- Two suction hoses of 102 mm (4 inch) diameter and 4 m length with stroz couplings
- Eight delivery hoses each of 64 mm (2½ inch) diameter and 30 m length with instantaneous coupling BS 336 positioned on two hose carriers
- A suction strainer and 2 suction spanners

Specifications:

1 - Chassis		
Manufactured of		Steel channel sections covered by welded checkered plates
Axle		One axle of 1.5 ton capacity
Draw Bar		Provided with eye hook suitable for towing vehicles
Drop-leg		Provided at rear
Down Screw Wheel		Vertically adjustable with a manual brake
Rear Lights		Equipped
Wiring		Provided with cable and plug for connection with the electric system of the towing vehicle
Mudguards and Rear Bumper		Equipped
Allowed Speed		Up-to 80 km/h on asphalt roads
Extra Advantage	Carrier for Hoses	Equipped with two stainless steel side carriers for storage of eight hoses
	Pump Base	Provided with a sliding base-plate for easier access and unloading of the pump for independent use in narrower sites
Option	Surface Treatment	Galvanized under carriage upon request at extra cost
	Braking System	Upon request at extra cost



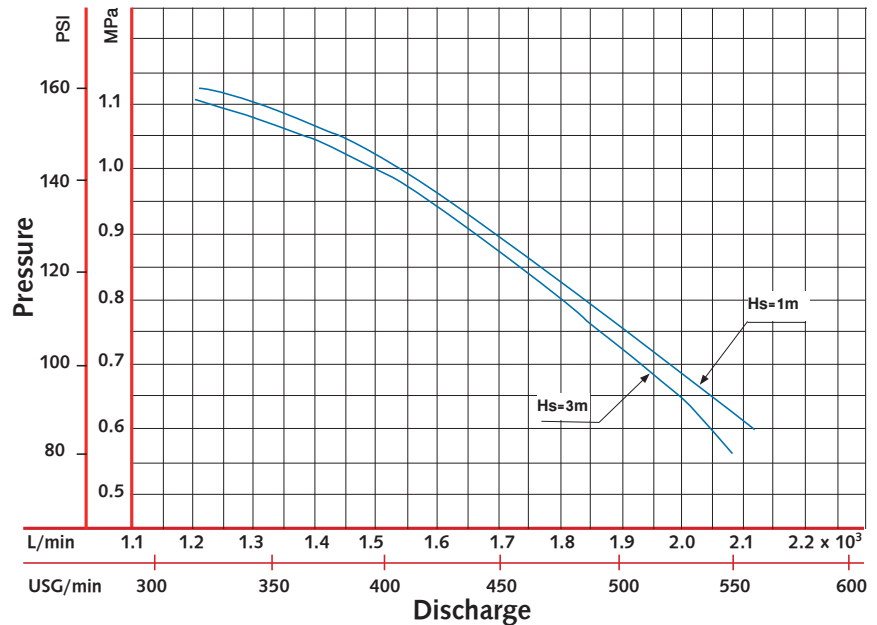
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2. Portable Pump



PERFORMANCE CURVES



Manufacturer	Tohatsu - Japan	
Model	VC82ASE	
Engine	Type	2-stroke, 2-cylinder, water cooled gasoline engine
	Model	2WT78GA
	Authorized Output	55 PS (Horse power)
	Maximum Output	65 PS (Horse power)
	Fuel tank Capacity	Approx. 18 liters (4.76 US gals)
	Starting System	Starter motor and automatic recoil system
	Ignition	Flywheel magneto
	Lubrication	Auto-mixing
	Battery	12 V-16Ah/5 h
	Pump	Type
Discharge Outlet Coupling		Twin 63 mm (2 1/2 inch) instantaneous coupling BS 366
Suction inlet Coupling		102 mm (4inch) Storz coupling
Priming		Rotary-vane vacuum pump
General	Pump Performance (suction height: 3 m)	Over 2,050 l (Over 452 gals)/min, at 0.6 Mpa Over 1,800 l (Over 476 gals)/min, at 0.8 Mpa Over 1,500 l (Over 396 gals)/min, at 1.0 MPa
	Overall Dimensions (l x h x w)	Approx. (742 x 760 x 682) mm - (29.2 x 29.9 x 26.8) inch
	Weight	94 kg (207 lbs.)
	Max. Suction Height	Approx. 9 m (29.5 feet)



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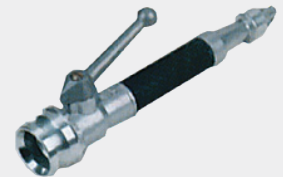
3. Delivery Hoses

Quantity	8
Type	Bavaria Standard
Hose Diameter & Length	64 mm (2 ½ inch) x 30 m
Fabrication	Flat nylon hose with internal rubber lining
Optimum Working Pressure Range	5-12 bar
Hose Bursting Pressure	Over 48 bar
Hose Coupling	Equipped with instantaneous coupling 64 mm (2 ½ inch) BS 336



4. Water Jet Branch Pipe

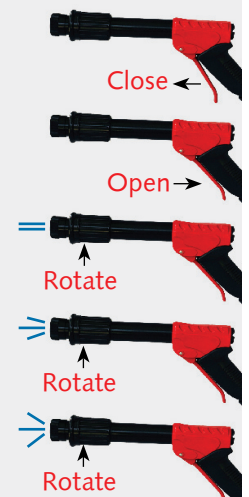
Quantity	2
Material	High strength aluminium alloy
Operation Mode	Full jet
Optimum Working Pressure Range	5-8 bar
Max. Output	215 l/min when the ball valve is completely opened
Max. Throw Range	29 m
Coupling Type	2.5 inch instantaneous coupling BS 366



Options at Extra Cost:

1 - AWG Pistol Nozzle C-SA

Model	Pistol Nozzle C-SA	
Manufacturer	AWG, Germany	
Operation Modes	Full jet and spray	
Extra Advantage	Controllable flow	
Inlet Pressure (bar)	5	
Nozzle/Tip dimensions (mm)	9	
Flow Rate (l/min)	Full Jet	75
	Spray Jet	115
Throw Distances Effective (m)	Full Jet	23
	Spray Jet	10
Spray Angle Max.	40°	
Dimension (lwxhxh)	290 x 115 x 245 mm	
Weight	2.5 kg	



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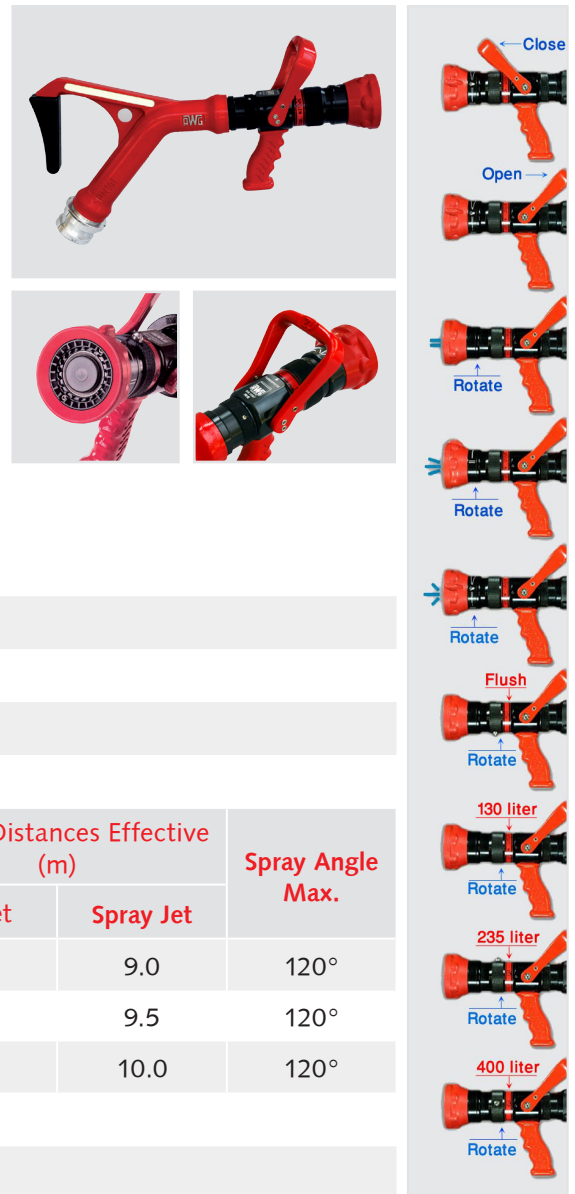
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Options at Extra Cost:

2. Turbo Nozzle

FEATURES:

- The Turbo Nozzles AWG 2400 is capable of delivering large quantities of water, to achieve success during the initial attack, but also of restricting delivery, to limit water damage
- It has an excellent spray jet, not only to improve the extinguishing effect, but also to dampen down gases and vapours.
- Discharge (flow rate) can be selected with lever at 130, 235 and 400 l/min, as to conventional branchpipe with 9, 12 and 16 mm tip respectively
- Flushing can be selected without interrupting operation. Stream adjustable from jet to 120 degree pray. Particular fine spray
- It meets the standard DIN 14367 for branch pipes.



Technical Data:

Model	Turbo Nozzle 2400					
Manufacturer	AWG, Germany					
Operation Modes	Full jet and spray					
Extra Advantage	Controllable flow & Shoulder prop					
Inlet Pressure (bar)	Nozzle/Tip dimensions (mm)	Flow Rate (l/min)		Throw Distances Effective (m)		Spray Angle Max.
		Full Jet	Spray Jet	Full Jet	Spray Jet	
6	9	130	130	27	9.0	120°
6	12	235	135	31	9.5	120°
6	16	400	400	37	10.0	120°
Dimension (lxwxh)	(290x115x245) mm					
Weight	2.6 kg					

BAVARIA PTSX/T Warranty:

Period of Warranty	1 Year
Coverage of the Warranty	Against material failure and production defects
Method of Warranty Coverage	Limited to the replacement of the defected part or product after verification that the failure is covered by the scope of the warranty
Warranty Exclusions	Failures due to misuse, mishandling, or inspection or repair by an unauthorized dealer or entity

* The illustrations may show optional extras only available at extra charge. BAVARIA retains the right to alter specifications and illustrations given herein without prior notice. Specifications will only be considered communicated at placing of order.