



Tank Cleaning Technologies a division of

inTank Technologies Limited



VASA

DRUM CLEANING SYSTEM

Product Information

The Arcus VASA range is a plug and play system that comes with a range of features:

- Three stage wash cycle with programmable cycle times
- 360° cleaning heads allowing for 100% cleaning coverage
- 'Push-to-wash' system means minimal water wastage
- Up to 8 bar cleaning pressure
- Ability to clean up to 12 barrels simultaneously
- 'One touch' automatic cleaning cycle, with cycle complete alarm and beacon
- Stainless steel construction
- Sump for capture and disposal or reuse of wash water
- Adjustable chemical dosing
- 'Integrated lockable chemical cabinet'
- Compact design
- Easy to install and relocate
- Full height cabinet doors for easy loading
- Water heater module option available

Advantages of automated barrel cleaning compared to manual methods:

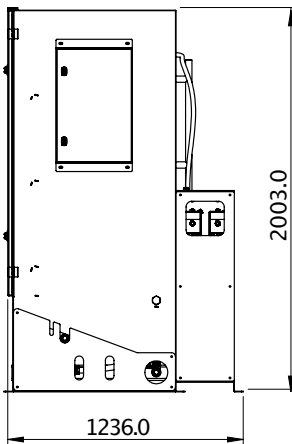
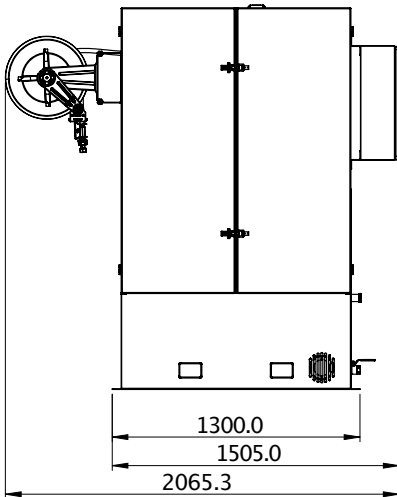
- Faster cleaning times – 3–5 minutes to wash up to 12 barrels
- Reduced water and chemical use
- More thorough washing due to 360° clean
- Significantly lower maintenance
- Greatly reduced manual handling and labour
- Improves operator working conditions and wellbeing
- Reduces operating costs
- Return on investment typically less than 12 months



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WASH PUMP

Pressure	4 to 8 bar
Flow	0 to 120litres per minute
Motor Power	2.2kW
Motor Voltage	400V three phase
Motor Frequency	50Hz
Motor Control	Via PLC control panel

CHEMICAL DOSING PUMP

Pump Type	Diaphragm metering pump for chemical dosing
Max. Volume	10litres per hour
Max. Pressure	5 bar

SUMP DRAIN PUMP

Pump Type	Centrifugal with chemically resistant seals
Motor Power	0.55kW
Motor Voltage	400V three phase
Motor Frequency	50Hz
Motor Control	Via sump level sensors, automatic sump draining

CLEANING HEADS

Nozzle Configuration	Flow-driven cleaning head for each barrel
Cleaning Head Motion	Double axis rotation for 360° barrel cleaning

AUTOMATION

Cleaning Cycle Stages	1.Pre-wash 2. Chemical Wash 3. Final rinse
Cycle Stage Control	Cycle times are adjustable via HMI screen

ENCLOSURE

Main Body Material	AISI 304 stainless steel
Mounting Options	Floor-mounted only
Chemical Storage	Integrated lockable cabinet for 1x25litre barrel

DIMENSIONS

	FLOOR MOUNT MODEL
Height	2003mm
Width	1673mm
Depth	908mm
Weight	400KG

WATER SUPPLY

Inlet Connection	1.5"BSP internal thread
Max. Inlet Temperature	70°C
Min. Inlet Flow	Application dependant
Min. Inlet Pressure	1.5 bar
Max. Inlet Pressure	6 bar