



PLATINUM
PURE WATER IS LIFE

SMART HOMES INVEST IN
**PURE WATER FOR GENERATIONS OF
HEALTHY CHILDREN & FAMILIES**



**1 YEAR
FREE
REPLACEMENT
ASSURANCE**

THE PLATINUM GROUP

RELATIONSHIPS BASED ON TRUST & SAFETY

DECADES OF EXPERIENCE OF WATER MANAGEMENT & HAPPY HOMES

The Platinum group was founded on the premise of upgrading Indian lifestyles based on water & sanitary management solutions. From water to plumbing and sanitaryware to water storage, our home solutions have always been closely linked with our end-to-end customer relationship. Which is why, our constant consumer interaction helped us understand the true Indian DNA towards storage and consumption of water at home.

FACTS ABOUT PLATINUM

- 100,000 sq ft modern factory
- Only Jindal steel used
- Largest tank sold: 20000 ltrs
- Only brand that provides brass valves with ss tank
- Certifications from lead quality institutions
- Empanelled with several Government agencies
- Only one with a 30 year product warranty

STAINLESS STEEL WATER TANKS – YOUR ERA OF PURE WATER STARTS WITH US

As Indian households evolved and became more aware of safe and secure home & family solutions, Platinum believed it was the perfect time to introduce the globally accepted water management and storage systems based on the deeply trusted material of Stainless Steel.

INTERNATIONALLY ACCLAIMED STAINLESS STEEL WATER TANKS FOR INDIAN HOMES

Using our decades of experience with Indian homes and their water usage patterns, Platinum introduced a wide range of Stainless Steel water storage products for a diverse range of families and homes... A state-of-the-art high end backward integrated plant with computer controlled advanced technology was set up to deliver premium quality products to discerning Indian consumers.

OUR STAINLESS STEEL EXPERTS SPEAK

Why is it called Stainless Steel?

Stainless steel is a generic term used to represent the family of corrosion resistant alloys. This metal derives its name because it does not stain, rust or corrode, hence, called "STAIN-LESS STEEL"

Composition of Stainless Steel

Steel is an alloy of Iron and Carbon, containing at least 10.5% Chromium, less than 1.2% Carbon and other alloying elements. Stainless Steel's corrosion resistance and mechanical properties can be further enhanced by adding other elements, such as Nickel, Molybdenum, Titanium, Niobium, Manganese, etc.

Chromium: Is the hardest Stainless Steel in the world

Chromium is the hardest metal known to man. While you may not have heard of Chromium, more likely you've heard of Stainless Steel. Chromium is the key ingredient in Stainless Steel - the higher the Chromium content, the less likely the metal will rust.

Is stainless steel stronger than iron?

Steel is stronger than Iron [yield and ultimate tensile strength] and tougher than many types of iron as well [often measured as fracture toughness]

Stainless Steel in its original color [Silver] is water resistant and does not tarnish, ever!



WHY STAINLESS STEEL IS GOOD FOR HOMES



CORROSION RESISTANCE

With a minimum Chromium content of 10.5%, Stainless Steel is continuously protected by a passive layer of Chromium oxide that forms naturally on the surface through the reaction of the Chromium with oxygen from air or water. If the surface is scratched, it regenerates itself. This particularity gives Stainless Steels its corrosion resistance.



CLEANABILITY

Stainless Steel items are easy to clean, usual cleaning products (detergents, soap powders) are sufficient and do not damage the surface. Stainless steel fully meets the requirements of decoration, water tanks and cooking utensils that require easy and effective washing.



AESTHETICS

Stainless Steel has a great variety of surface finishes, from matt to bright and including brushed and engraved. It can be embossed or tinted, making Stainless Steel a unique and aesthetic material. It is often used by architects for building envelopes, interior design and street furniture.



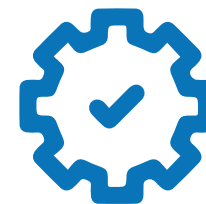
RESISTANCE TO FIRE

Stainless Steel has the best fire resistance of all metallic materials when used in structural applications, having a critical temperature above 800°C. Stainless Steel is ranked A2s1d0 for fire resistance with no toxic fume emissivity.



RECYCLING

Stainless Steel is the "green material" par excellence and is infinitely recyclable. Within the construction sector, its actual recovery rate is close to 100%. It is environmentally neutral and inert when in contact with elements such as water and it does not leach compounds that might modify their composition. These qualities make stainless steel ideally suited to building applications exposed to adverse weather, such as roofs, facades, rainwater recovery systems and domestic water pipes.



MECHANICAL PROPERTIES

Compared to other materials, stainless steel has strong mechanical properties at ambient temperatures – it is steel after all! In particular, it combines ductility, elasticity and hardness, enabling it to be used in difficult metal forming modes (deep stamping, flat bending, extrusion, etc.) while offering resistance to heavy wear (friction, abrasion, impact, elasticity, etc.). Furthermore, it offers good mechanical behaviour at both winter and summer temperatures.

PURITY AND GOODNESS OF WATER KEEPS FAMILY HEALTHY AND HAPPY

- Eliminating toxins from the body
- Flushing out the system • Hydrating the skin
- Making the skin smoother • Decreasing the effects of aging
- Water decreases the risk of certain cancers
- Drinking 5 glasses of water daily helps to decrease the risk of colon cancer by 45%
- Drinking 5 glasses of water each day can slash the risk of breast cancer by 79%
- Drink 5 glasses of water a day and you are 50% less likely to develop bladder cancer
- Water helps to normalize the blood-manufacturing system in the bone marrow which helps prevent childhood leukemia and lymphoma



HIGH QUALITY STAINLESS STEEL GRADES USED ACROSS THE WORLD GO INTO OUR PRODUCTS

Platinum usage is limited to premium high-end Stainless Steel grades for fabrication in water tanks. Different grades have varying corrosion resistance, strength, toughness and high and low-temperature performance.

Below are our high-performance steels:

Stainless Steel 304 and 304L

Stainless Steel 304 has | 18-20% Chromium | 8-11% Nickel | 2% Manganese.

FOR HOUSEHOLDS: This is the most common Stainless Steel since it has enough corrosion resistance for most applications and is less expensive than other grades. An austenitic metallurgical structure makes it ductile and well-suited for forming a wide range of products.

Stainless Steel 316 and 316L

Stainless Steel 316 has | 16.5-18% Chromium | 10-13% Nickel | 2-3% Molybdenum | 2% Manganese.

FOR FACTORIES: The added Molybdenum makes this grade more corrosion-resistant than Stainless Steel 304. Platinum uses Stainless Steel 316 in highly corrosive environments such as chemical handling tanks and tanks near marine environments.

Duplex Stainless Steel 2205

Duplex Stainless Steel has | 20-28% Chromium | 2-5% Molybdenum | 5-8% Nickel.

Higher Chromium and Molybdenum content gives Duplex Stainless Steels higher corrosion resistance and mechanical strength. Compared with 316, using Duplex is cheaper due to the lower nickel content and higher strength for a given thickness, enabling thinner plates to be used. The most popular grade of Duplex Stainless Steel is the Standard Duplex, or 2205 Stainless Steel.

PLATINUM IS FAR SUPERIOR THAN COMPETITOR STEEL TANKS. AND HERE ARE 9 REASONS.



THE ACTUAL STAINLESS STEEL USED

Platinum: Only India's best quality Stainless Steel from JINDAL STAINLESS which is expensive. We share performance certificates.

Other brands: Use low-cost small rolling mills' Stainless Steel lacking in integrity & strength.



LASER WELDING

Platinum: Our Eurolaser German high-end laser machine costs over rupees one crore and it creates an additional layer of steel where continuous welding is done thus ensuring no leaks.

Other brands: They use small home grade manual laser machines which only spot weld joints thus leak between the spots is a weakness of theirs.



STAINLESS STEEL TANK ACCESSORIES

Platinum: All our accessories are made from pure brass which is a more solid and heavier material and are welded with our high-end massive laser machine thus ensuring zero leakage from joints and long life for the parts.

Other brands: They use low-grade stainless-steel accessories which cannot be welded evenly and have a low shelf life in relation to water exposure.



CONTINUOUS WATER TEST BED

Platinum: Each and every Stainless Steel tank is tested for 24 hours in a test bed for full continuous water pressure and gravity to identify leaks if any before despatch to customers.

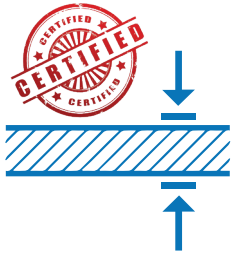
Other brands: Do not test full tank water capacity and also test for just a couple of hours.



CONTINUOUS WELDING ELECTRODES

Platinum: We use Stainless Steel continuous welding electrodes which carry more heat thus weld evenly and smoothly with no disjoints.

Other brands: They use normal low-cost electrodes for spot welding that leave an uneven feel thus creating water obstacles inside the tank.



THE ACTUAL THICKNESS STEEL DELIVERED

Platinum: We guarantee thickness and send you a report validating the claim before fabricating your tank.

Other brands: They claim 1mm but in reality, use 0.8mm thinner steel which leads to low life & cracks.



TANK TOP & BOTTOM COVERS

Platinum: Our tanks have thicker Stainless Steel sheet base and top cover leading to greater durability & long life.

Other brands: Use the same thin sheet used on the inside of the tank as base and top cover too thereby weakening the strength of the base.

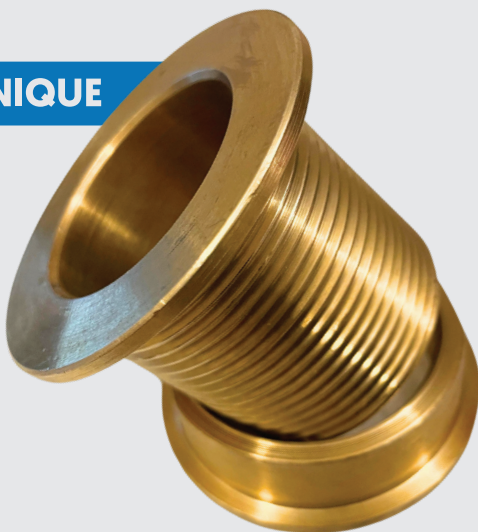


PU PUFF INSULATION

Platinum: Uses only imported PU PUFF from Germany which hardens to be water proof and temperature proof.

Other brands: Use local PU PUFF which are also used in shoes and wear out faster thus weakening the insulation process.

UNIQUE



THE SCIENCE BEHIND WELDING BRASS TO STAINLESS STEEL IS KNOWN ONLY TO PLATINUM. AND ITS EXPENSIVE.

That is why competitors do not offer Brass water valves. Ask them!

BRASS WATER VALVES WITHSTAND HEAT

Brass water outlets require sophisticated welding technologies. All competitive Indian brands avoid this investment by using easy stainless-steel water outlets. Compared to pure Brass, Stainless Steel does not weld well with Stainless Steel and leaks from poor welding very quickly. Trust Platinum to invest wisely in pure Brass for the long run.

PURE BRASS

- Is a soft metal that resists corrosion very well • Able to absorb & withstand Indian heat
- Pure Brass welds better than stainless steel valves

TECHNOLOGY & QUALITY CONTROL - BUILT FOR A LIFETIME OF SAFETY

Fully automatic plasma welding

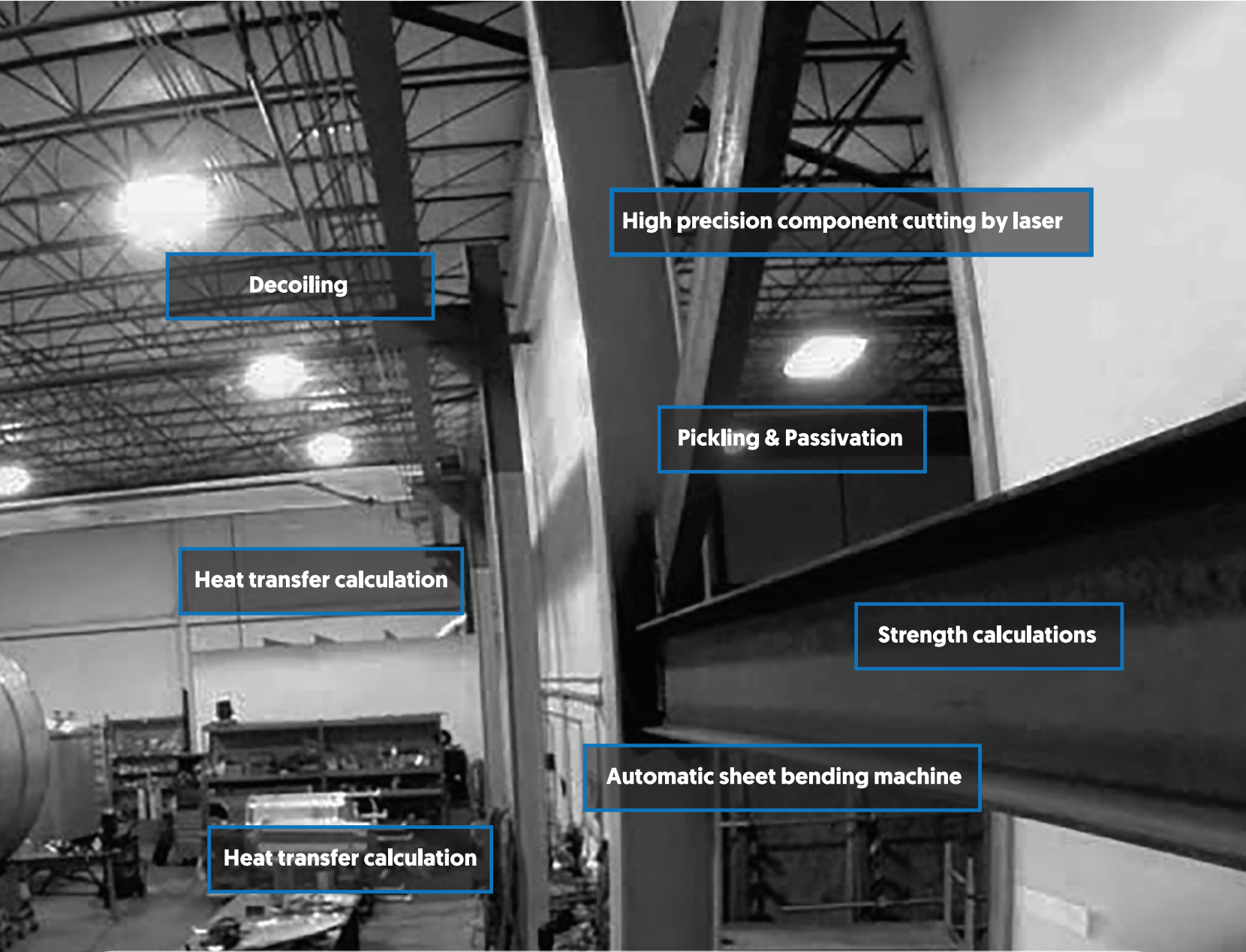
Quality check upon entering

Surface & Weld treatment

Modern CNC Shearing machine

High-end German Laser Welding

11 test and quality inspections



Decoiling

High precision component cutting by laser

Pickling & Passivation

Heat transfer calculation

Strength calculations

Automatic sheet bending machine

Heat transfer calculation

LEAK PROOF & BUILT FOR LIFE

Platinum Steel provides end-to-end stainless steel tank fabrication solutions from equipment design and manufacturing to system integration, installation, and ongoing quality & technical support. Backed by fabrication shop fitted with the latest technologies and tools to provide high-quality automated precision laser welding.

TECHNOLOGY FROM THE VERY START

Alloys are screened for molecular free values followed by a protective film which is applied to protect the metal from dust & scratches.

THE LASER AT WORK

The worked upon alloy is then sent for polishing and embellishing and then cut with precision Hi-Definition laser ensuring burring-free finish and smooth edges.

OUR TRADE SECRET – THE MOULDING & WELDING

The real shaping process involves computerized controlled molding-press technology for smooth finish and zero cracks. Then temperature controlled TIG welding ensures thermal expansion and electrical resistivity does not interfere with the weld process making it perfect for thin alloys.

FINISHING PERFECTION FOR YOUR HOME

The finished Stainless Steel tanks are treated with Electro polishing, chemical cleaning and passivation and then loaded with customized accessories. You could well say, our tanks are the crowning glory of your house!

HOW YOUR FAMILY STAYS HEALTHY & HAPPY

BENEFITS OF STAINLESS STEEL WATER TANKS



100% PURE & SAFE

Perfect safe and clean storage of water



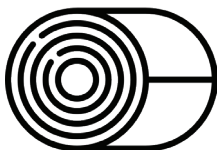
GERM RESISTANT

Sealed interiors do not breed algae



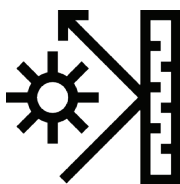
FIT & FORGET

Long lasting up to 50 years with minimal maintenance



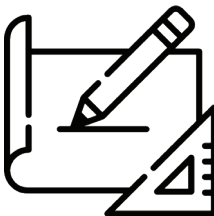
ZERO DEGRADATION

Impact, fire and corrosion resistant



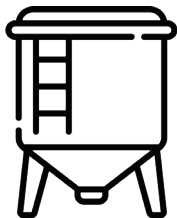
REFLECT UV RAYS

Zero absorption of heat



CUSTOMIZED

Customized specialized coating/finishes to augment their rust resistance



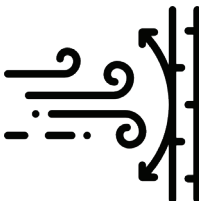
NO LIMIT CAPACITY

Fabricated to higher capacity



NO LEAK

Sealed with no joints



CLIMATE RESISTANT

Does not expand or contract depending on external climatic temperatures



MOBILITY

Easy to move just like your TV dish antenna



ECO-FRIENDLY

Can be easily recycled – preserves & protects environment

Loved by every member of your family

THOUSANDS OF FAMILIES HAVE INVESTED IN PLATINUM GOOD HEALTH WATER TANKS



Ludhiana



Kanpur



Hissar



Aligarh



Gorakhpur



Ghaziabad



Rajasthan



Saharanpur



Himachal



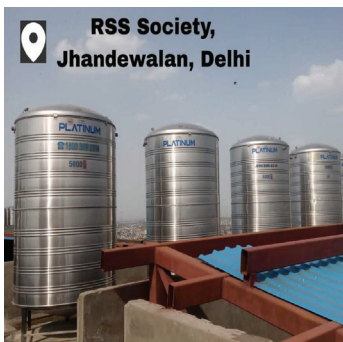
Lucnkonw



Meerut



Kashmir



Delhi



Noida



Gurgaon



Chandigarh

THE A TO Z OF PLATINUM STAINLESS STEEL WATER SOLUTIONS

Certifications:



Trusted Partner:



With our large plant, backward integration, expertise and experiences, we manufacture a wide range of Stainless Steel water tanks and accessories. Unique requirements and solutions are custom crafted for different clients and industries.

- Stainless Steel Water Tanks
- Customised Stainless Steel Water Tanks
- Institutional & Industrial tank Solutions
- Hospitals & Schools
- Stainless Steel Plumbing Accessories
- High quality pressure pumps
- Water softener & filtration tanks



**CUSTOMIZED STAINLESS STEEL STORAGE TANKS
FOR COMPLEX SETTINGS, CHEMICAL AND PETROLEUM INDUSTRIES**

WE DELIVER STATE OF THE ART STAINLESS STEEL TANKS TO CRITICAL INDUSTRY VERTICALS



FOOD PROCESSING



BEER & WINE VERTICALS



CHEMICAL



DAIRY & MILK



GRAIN PROCESS



PHARMACEUTICALS

PRODUCT TECHNOLOGY

With all back-end processes and technologies under one roof, we have huge built-in flexibilities to deliver unique tank & storage solutions to diverse industries. Our in-house quality, certifications and vast technical experience ensures results exceed expectations.

SERVICES

Our experienced teams visit sites, co-ordinate with the structural site engineers and designers, make recommendations that ensure smart investment delivers long term benefits, follow through with sales, delivery and site installation. Various after sales service agreements ensure peace of mind forever.

TITANIUM

10 | **YEARS**
WARRANTY

1.0 MM STEEL THICKNESS
316 L - STAINLESS STEEL

EMBEDDED
WITH
**TOUGH
SPIRITS**



The Titanium series Platinum SS Water tanks are intelligent non-corrosive, non-porous and heat resistant storage leaders in their segment. The purity of water is assured at all times as the critical Stainless Steel is the only metal that comes in touch with water ensuring zero algae and bacteria. Smart water results in long-term peace of mind.

5/7 EMBEDDED LAYERS



INNER LAYER

Standard 316L Surgical Stainless Steel with higher levels of Chromium and Nickel.



SECOND LAYER

Insulated climate control coating Section.



THIRD LAYER

Fire & lightening retardant thermal insulation



FOURTH LAYER

High bonded density P.U. foam for thermal resistance.



FIFTH LAYER

U.V. blocking fibrous insulation prevents heat transmission through convection.

5 LAYERS



SIXTH LAYER

AEROLAM heat insulation confirms to class 1 for surface spread of Flame Characteristics.



SEVENTH LAYER

Wrap around with rigid 304 Austenitic stainless steel.

7 LAYERS



MULTI LAYERED SAFETY-FIRST ASSET

Water purity and climatic temperature control are cordoned within a superior 7 layered walled SS Tank thus ensuring no dust, UV rays, algae or grime enter this storage water locker. This isolated dust free water tank is built around heavy gauge metals resulting in zero corrosion and zero lime scale deposits.



316L AUSTENITIC SURGICAL STAINLESS STEEL

Inner tank is strengthened with the highest grade of Stainless Steel. 316L results in clean transparent water which is maintained at a temperature lower than the outside temperature.



THICKNESS 1 MM

Higher level of SS thickness ensures that high pressure water flows do not impact or deform the tank.



PRECISION LASER SMOOTH CUTTING

Temperature controlled welding ensures thermal expansion and electrical resistivity does not interfere with the weld process making it perfect for strong alloys.



LOW COST OF OWNERSHIP

The long term cost of maintaining a TITANIUM intelligent water tank is virtually minimal thus amortising your initial cost over many decades for great value.



EASY DRAINAGE

Hot water flushing clears the SS tank from any bacteria if present and the pure brass wash drain outlets allow for accelerated cleaning of dirty water.



ULTIMATE QUALITY CONTROL & TESTING

The entire manufacturing is processed controlled and approved within the ISO 9001:2015 protocol certification. Every Platinum water tank is put through stringent quality controls on a tank-test bed for vibrations and stability.



CHROMIUM

10

YEARS
WARRANTY

1.5 MM STEEL THICKNESS

316 L - STAINLESS STEEL

RUST FREE
CHROME CLASSIC



PLATINUM CHROMIUM has been built for high-end discerning consumers who want the very best. Heavier sheet thickness leads to robust long-lasting durability and the heavy alloy ensures the center of gravity results in the perfect balance. With 5 or 7 standard layers, the construction process entails a high level of complexity. Consider it a family heirloom for life!

5/7
EMBEDDED
LAYERS



INNER LAYER

Standard 316L Surgical Stainless Steel with higher levels of Chromium and Nickel.



SECOND LAYER

Insulated climate control coating Section.



THIRD LAYER

Fire & lightning retardant thermal insulation



FOURTH LAYER

High bonded density P.U. foam for thermal resistance.



FIFTH LAYER

U.V. blocking fibrous insulation prevents heat transmission through convection.

5 LAYERS



SIXTH LAYER

AEROLAM heat insulation confirms to class 1 for surface spread of Flame Characteristics.



SEVENTH LAYER

Wrap around with rigid 304 Austenitic stainless steel.

7 LAYERS



MULTI LAYERED SAFETY-FIRST ASSET

Water purity and climatic temperature control are cordoned within a superior 7 layered walled SS Tank thus ensuring no dust, UV rays, algae or grime enter this storage water locker. This isolated dust free water tank is built around heavy gauge metals resulting in zero corrosion and zero lime scale deposits.



316L AUSTENITIC SURGICAL STAINLESS STEEL

Inner tank is strengthened with the highest grade of Stainless Steel. 316L results in clean transparent water which is maintained at a temperature lower than the outside temperature.



THICKNESS 1.5 MM

Higher level of SS thickness ensures that high pressure water flows do not impact or deform the tank.



PRECISION LASER SMOOTH CUTTING

Temperature controlled welding ensures thermal expansion and electrical resistivity does not interfere with the weld process making it perfect for strong alloys.



LOW COST OF OWNERSHIP

The long term cost of maintaining a CHROMIUM intelligent water tank is virtually minimal thus amortising your initial cost over many decades for great value.



EASY DRAINAGE

Hot water flushing clears the SS tank from any bacteria if present and the pure brass wash drain outlets allow for accelerated cleaning of dirty water.



ULTIMATE QUALITY CONTROL & TESTING

The entire manufacturing is processed controlled and approved within the ISO 9001:2015 protocol certification. Every Platinum water tank is put through stringent quality controls on a tank-test bed for vibrations and stability.

VANADIUM

12 YEARS
WARRANTY

1.5 MM STEEL THICKNESS
2205 DUPLEX - STAINLESS STEEL

THE VAULT

VERY SECURE



The sparkle of a PLATINUM VANADIUM is also indicative of its hardness and clarity. Our stainless steel tanks use DUPLEX 2205 SS which is at the highest level of safety, security and purity. With premium Aerolam sheets used as thermal & acoustic insulation, it is dust proof and user friendly. With 5 or 7 layers embedded within the walls of the tank, water protection and family health is sealed for decades.

7 EMBEDDED LAYERS



INNER LAYER

Standard Duplex 2205 Stainless Steel with higher levels of Chromium and Nickle.



SECOND LAYER

Insulated climate control coating Section.



THIRD LAYER

Fire & lightening retardant thermal insulation



FOURTH LAYER

High bonded density P.U. foam for thermal resistance.



FIFTH LAYER

U.V. blocking fibrous insulation prevents heat transmission through convection.

5 LAYERS



SIXTH LAYER

AEROLAM heat insulation confirms to class 1 for surface spread of Flame Characteristics.



SEVENTH LAYER

Wrap around with rigid 304 Austenitic stainless steel.

7 LAYERS



MULTI LAYERED SAFETY-FIRST ASSET

Water purity and climatic temperature control are cordoned within a superior 7 layered walled SS Tank thus ensuring no dust, UV rays, algae or grime enter this storage water locker. This isolated dust free water tank is built around heavy gauge metals resulting in zero corrosion and zero lime scale deposits.



DUPLEX 2205

Inner tank is strengthened with the highest grade of Stainless Steel. Duplex 2205 results in clean transparent water which is maintained at a temperature lower than the outside temperature.



AEROLAM HEAT INSULATION

Is used as Duct Insulation specially designed for thermal & acoustic insulation. It confirms to class 1 for surface spread of Flame Characteristics and Class O for Fire Propagation, is dust proof and user friendly.



PRECISION LASER SMOOTH CUTTING

Temperature controlled welding ensures thermal expansion and electrical resistivity does not interfere with the weld process making it perfect for strong alloys.



LOW COST OF OWNERSHIP

The long term cost of maintaining a VANADIUM intelligent water tank is virtually minimal thus amortising your initial cost over many decades for great value.



EASY DRAINAGE

Hot water flushing clears the SS tank from any bacteria if present and the pure brass wash drain outlets allow for accelerated cleaning of dirty water.



ULTIMATE QUALITY CONTROL & TESTING

The entire manufacturing is processed controlled and approved within the ISO 9001:2015 protocol certification. Every Platinum water tank is put through stringent quality controls on a tank-test bed for vibrations and stability.

OSMIUM

BATTLE TANK

HEAVY DUTY LONG LIFE LONG



**3 MM STAINLESS STEEL THICKNESS + 4MM STAINLESS STEEL THICK BASE
+ 100MM INSULATION**



An industry first astounding stainless steel thickness that will last for generations. Mega 3 MM thickness inner layer ensures zero-crumple zones , zero UV, 100 % protection and zero rust & corrosion. Adding to this battle tank is a heavy duty mega 4 MM thickness base for protection. And for further protection against sun, heat, weather etc., this battle tank has 100MM of insulation – nothing can get inside this tank. And we are so sure of OSMIUM that it has a 30 YEARS WARRANTY !!

Body guard like solid protection for the entire family with pure hygienic water for decades and decades. This is an investment for a life time.

7 EMBEDDED LAYERS



INNER LAYER

Standard Duplex 316L-Surgical Stainless Steel with higher levels of Chromium and Nickle.



SECOND LAYER

Insulated climate control coating Section.



THIRD LAYER

Fire & lightening retardant thermal insulation



FOURTH LAYER

High bonded density P.U. foam for thermal resistance.



FIFTH LAYER

U.V. blocking fibrous insulation prevents heat transmission through convection.

5 LAYERS



SIXTH LAYER

AEROLAM heat insulation confirms to class 1 for surface spread of Flame Characteristics.



SEVENTH LAYER

Wrap around with rigid 304 Austenitic stainless steel.

7 LAYERS



MULTI LAYERED SAFETY-FIRST ASSET

Water purity and climatic temperature control are cordoned within a superior 7 layered walled SS Tank thus ensuring no dust, UV rays, algae or grime enter this storage water locker. This isolated dust free water tank is built around heavy gauge metals resulting in zero corrosion and zero lime scale deposits.



316L SURGICAL

Inner tank is strengthened with the highest grade of Stainless Steel. 316L Surgical results in clean transparent water which is maintained at a temperature lower than the outside temperature.



AEROLAM HEAT INSULATION

Is used as Duct Insulation specially designed for thermal & acoustic insulation. It confirms to class 1 for surface spread of Flame Characteristics and Class O for Fire Propagation, is dust proof and user friendly.



PRECISION LASER SMOOTH CUTTING

Temperature controlled welding ensures thermal expansion and electrical resistivity does not interfere with the weld process making it perfect for strong alloys.



LOW COST OF OWNERSHIP

The long term cost of maintaining a OSMIUM intelligent water tank is virtually minimal thus amortising your initial cost over many decades for great value.



EASY DRAINAGE

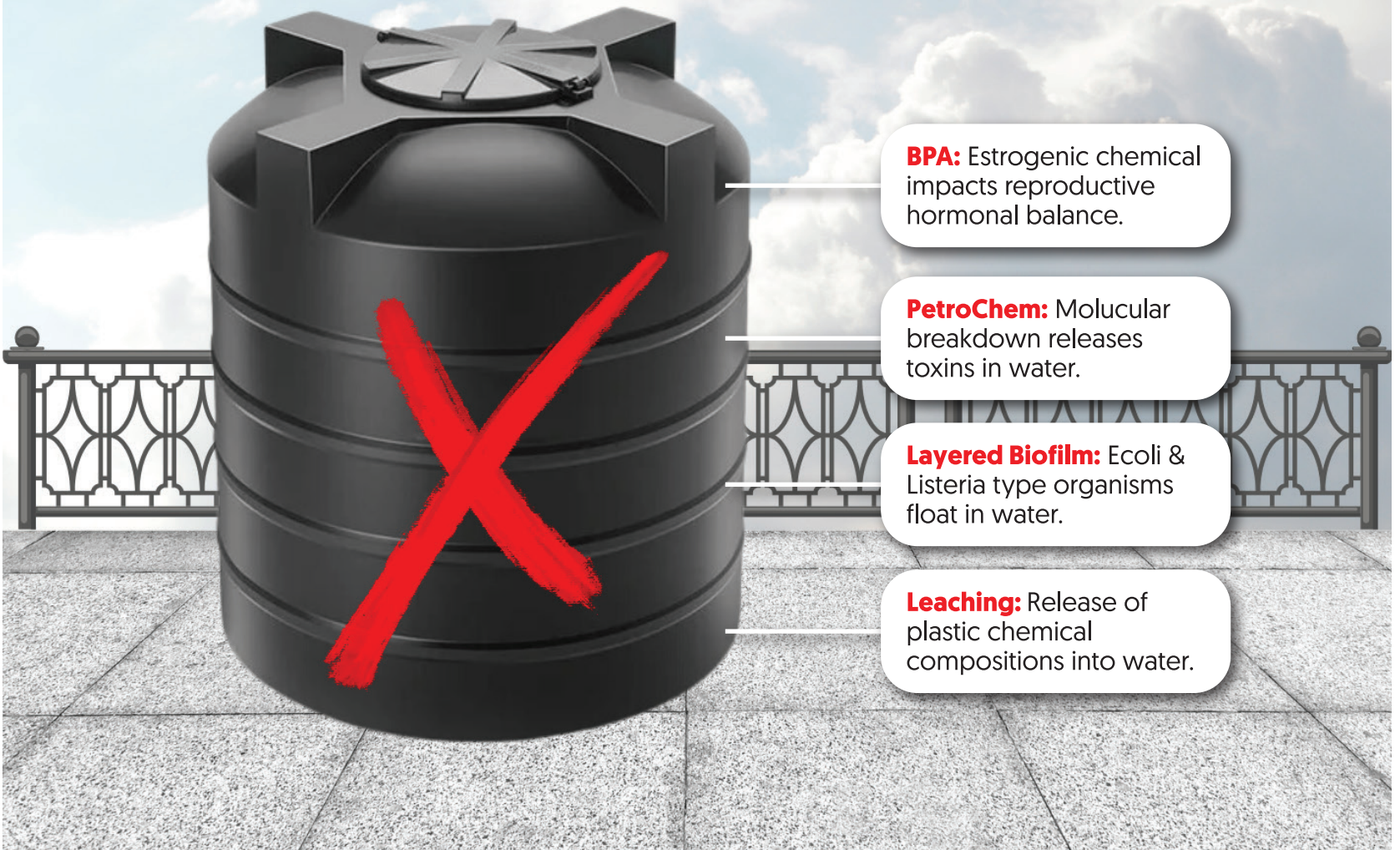
Hot water flushing clears the SS tank from any bacteria if present and the pure brass wash drain outlets allow for accelerated cleaning of dirty water.



ULTIMATE QUALITY CONTROL & TESTING

The entire manufacturing is processed controlled and approved within the ISO 9001:2015 protocol certification. Every Platinum water tank is put through stringent quality controls on a tank-test bed for vibrations and stability.

SERIOUS HEALTH HAZARDS OF PLASTIC WATER STORAGE TANKS. TIME TO CHANGE IS NOW.



Plastic water tanks available in the market today are mostly manufactured from petroleum based Polyethylene (PE), Polypropylene (PP), Bisphenol (BPA), High Density Polyethylene (HDPE), Polyethylene Terephthalate (PET) and cross-linked Polyethylene (PEX) or Thermoplastic Polymer, which have very well-known health risks for end users.

When these plastic tanks are exposed to long Indian summer months when the mercury rises above 40°C, these chemicals start to melt down and mix with water. Leaching happens due to exposure of UV rays thus altering the original composition.

When there is excess sunlight reflection on the sides of the water tank, the light that comes through causes algae to grow. Thus when water is consumed by your family members, it can cause various health hazards to them.

The most common health hazards noticed as an effect from plastic storage tanks are:

- Endocrine system damage
- Asthma
- Gastric problems
- Liver damage
- Frequent headaches
- Affects the reproductive system in females
- Skin diseases
- Cancer

STAINLESS STEEL WATER TANKS

TECHNICAL SPECIFICATION

Capacity (Ltr)	Diameter (mm/inch)	Height with stand (mm/inch)	Inlet Fitting (inch)	Over Flow (inch)	Outlet Fitting (inch)	Drain (inch)
100	530/21	880/34	1	1	1	1
200	630/25	980/38	1	1	1	1
300	630/25	1330/52	1	1	1	1
500	1070/42	1170/46	1	1	1	1
750	1070/42	1600/63	1	1	1	1
1000	1070/42	1830/72	1	1	1.5	1.5
1500	1360/54	1900/75	1	1	1.5	1.5
2000	1530/60	2010/79	1	1	2	2
2500	1530/60	2260/89	1	1	2	2
3000	1700/67	2060/81	1	1	2	2
4000	1700/67	2550/100	1.5	1.5	2	2
5000	1700/67	3300/130	1.5	1.5	2	2
7500	2200/86	3070/121	1.5	1.5	2	2
10000	2200/86	3910/154	2	2	2	2

GUIDE TO SELECTION OF STAINLESS STEEL

Water Type	Chloride Level (ppm)	Steel Type	Common Grade Name	Nearest EN 10088 Grades
Supply	200	Austentic	304	EN1.4301/UNS30400
Ground	600	Austentic	316L	EN1.4401/UNSS31603
Brockish	800-3600	Duplex	2205	EN1.446201/UNSS2205



OUR OFFER: Pay a visit to our plant to view our quality & manufacturing processes

**HIGH PRESSURE PURE & FILTERED WATER
IS NO LONGER A LUXURY**




PLATINUM
PURE WATER IS LIFE

Platinum Pressure Pumps & Water Softener and Sand Filter Vessels

Do you suffer from low water pressure in your kitchen or bathrooms?

Water finds its own levels, if the distance between your roof top tank is too close to your water outlets, you will have low water pressure.

Does your shower have a weak water flow?

If multiple bathroom pipes are connected to a single master water pipe, opening multiple taps at once will result in weak water pressure.

Is your investment in a jacuzzi impacted by low water pressure?

You have water in your shower but weak water pressure in your jacuzzi... this means that the rated flow of water pressure into your jacuzzi is low.

FORCE WX PRESSURE PUMPS INCREASE WATER PRESSURE FLOW BY JUST BEING ATTACHED TO OVERHEAD WATER PIPES

Intelligent questions on pressure pumps answered

What is the role of pressure pumps?

The **PLATINUM FORCE WX** pressure pump resolves low water pressure, ensuring strong flow for showers and quick container filling. It optimizes water delivery for various outlets, improving overall convenience. This enhancement is especially crucial for activities like showering, where steady water flow is essential for comfort.

How does a pressure pump work?

A pressure pump houses a motorized fan and the blades of the fan/impeller spin around to increase water movement which are powered by an electric motor. All pressure pumps have an inlet and an outlet, and sensing devices, usually a pressure switch or flow control, that helps with maintaining the correct amount of pressure.

What causes low water pressure?

- Gravity – getting dispersed when spread across house with multiple levels fixtures, elbows in the piping and taps which create restrictions.
- Distance from the water source – the further the distance, the lower the pressure due to friction losses in the pipe.
- Size of water pipes – if water pipes are too small, lower volumes of water will run through and more pressure will be lost due to the friction of the water moving through the pipeline.
- Plumbing issues like clogged pipes, faulty tap valves, small pipes, leaks etc. cannot be solved with a pressure pump & need separate attention.

Will a pressure pump help with flow rate and/or enhance pressure?

Flow rate refers to the amount of water running through a hose, pipe or faucet in a certain amount of time. Typically, pressure pumps boost water pressure and can also, improve flow rate thus pushing water at a faster rate and a higher pressure, once released from a pipe or faucet.



PLATINUM COMPACT

A sound investment

- Automated on/off when tap water flow opened – enjoy instant pressure
- Silent Workings – you or your neighbours won't even know it's on
- Corrosion free pump & tank – zero rust assured
- Premium brass Impeller – only high-end material used
- Seal Ceramic – with advanced chemical bonding agents
- Long life components – minimal human interference with superior technology assurance

	COMPACT-0.5	COMPACT-1	COMPACT-2
USEFUL FOR	1 Bathroom	1-3 Bathroom	1-5 Bathroom
HEAD	30mtr	36mtr	42mtr
FLOW	2800 LPH	3200 LPH	4000 lph
POWER	0.50 HP	1.00 HP	1.50 HP
IP RATING	IP-44 / CI-F	IP-44 / CI-F	IP-44 / CI-F
MOTOR	220V, 50Hz	220V, 50Hz	220V, 50Hz
TANK CAPACITY	18 Ltr & DRP	18 Ltr & DRP	24 Ltr & DRP



PLATINUM PREMIUM

A sound investment

- Automated on/off when tap water flow opened – enjoy instant pressure
- Horizontal Multistage • SS- 304 Pumps
- Silent Operations • Liquid Temperature - 90°C
- Flanges- EN GJL 200 CI • Impeller & Diffuser - SS-AISI-304
- Shaft & Pump Sleeve, SS- 304 • M. Seal- Ceramic / Graphite / NBR

	PREMIUM-220A	PREMIUM-340B	PREMIUM-550C
USEFUL FOR	1-3 Bathroom	1-7 Bathroom	1-15 Bathroom
HEAD	30mtr	40 mtr	48mtr
FLOW	3200 LPH	5500 LPH	7200 LPH
POWER	Power - 0.50 HP	1.00 HP	1.50 HP
IP RATING	IP-44 / CI-F	IP-44 / CI-F	IP-44 / CI-F
MOTOR	220V, 50Hz	220V, 50Hz	220V, 50Hz
TANK CAPACITY	24Ltr & DRP	24Ltr & DRP	60Ltr & DRP
		PREMIUM -350B+ With large tank option 60Ltr & DRP	

Hydronumatic dual fail-safe pressure pump system



For people seeking peace of mind, **PLATINUM FORCE WX** dual pump allows one pump to function while the second is on sequential start mode should the first pump fail. Essentially, it’s a fail safe back up system that allows a second pump to take over while the first may require repairs or a scan.

Additional benefits

- System consists of 2 pumps
- Panel with voltage & AMP meter, dry tank indications, 2 pressure switches, auto & manual operations switches of pumps
- Dry run & overload protections, suction & delivery activations
- Header fitted on skid
- 1 working + 1 stand by sequential start
- Both pumps function on water consumption increases

PLATINUM PENTAIR (USA) FILTER & SOFTENER FIBER GLASS VESSELS

WATER SOFTENER AND SAND FILTER

Remove iron and chemicals from your water:

The only safe and effective way to remove iron from the water is by utilizing an iron filter. A Katolox filtration system is used in PLATINUM PENTAIR for residential & commercial applications for high level filtration, color and odor removal, Iron, Manganese, Hydrogen sulfide removal, efficient reduction of Arsenic, Zinc, Copper, Lead, Radium, Uranium and other radionuclides.

100% composite fiberglass construction offers outstanding performance and durability and is designed and tested for high pressure flow and last much longer than MS vessels. It backwashes every three days to flush away all removed contaminants.



SALIENT FEATURES

- Screen displays & soft touch keys for onsite programming
- Clear sight air check for easy brine line trouble shooting & auto refill
- Automatic disconnection from tank without changing resin bed configuration
- Removal of dust, suspended particles & pre-treatment to other filters
- Pipes are of PVC [Poly Vinyl Chloride], Valves of ABS [Acrylic Butyl Styrene]
- Long life corrosion & rust resistant, light weight assured
- Multiport valve operations controlled by a single lever operation
- Easy to install & doesn't require civil work or painting.

Used for	Tank capacity (in litres/per day)	Size
Sand filter - PW-10	1000	10x54
Softener - PW-10	1000	10x54
Sand filter - PW-13	3000	13x54
Softener - PW-13	3000	13x54
Sand filter - PW-16	5000	16x65
Softener - PW-16	5000	16x65

FOOD GRADE QUALITY TREATMENT

VALVE SPECIFICATIONS

Inlet/outlet:	1inch/1.25 inch
Service:	2 m3/hr.
Backwash:	1.35 m3/hr.
Drain Line:	½ inch
Brine Line:	3/8 inch NPT
Distributor Tube:	1.050 inches
Tank Thread:	2-1/2-inches - 8, Male

SYSTEM SPECIFICATIONS

Turbidity:	< 2 NTU
Pressure:	1.8-3.5 Bar
Temp. Range:	2-40 Deg. C
Chlorine:	Nil
Feed TDS:	2000 pom
Salt:	Approx. 4.5 Kg to 15Kg per reg.
Resin Qty.:	25, 50, 75 and 100 Ltrs.
Vessel sizes:	10x 54 12 x 48 13 x 54 14 x 65 16 X 65

INTERNATIONAL ACCEPTANCE OF PLATINUM TANKS



ACTIVE CONSUMER EXHIBITIONS



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