

ABOVEGROUND STORAGE TANKS
BULK TO FARMER TANKS



Seasons may come and go, but
these tanks just keep going.

Tough enough to handle the rough, Forgeweld's diesel tanks have become a familiar sight on the South African landscape. Generations of farmers have relied on the workmanship that goes into building these cylindrical storage tanks that just last and last.

forgeweld

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963.





Durable

For a sure-sealing weld, lap joints are applied by MIG welding. This reduces the number of critical parameters in the weld to just two - the two faces of the parts where they overlap, and here the tolerances are reassuringly high.

Warranty policy

Forgeweld's Bulk to Farmer storage tank carries a warranty against defective materials and workmanship for a period of 24 months from the date of installation.

Low maintenance

Maintenance is virtually zero. The exterior is finished with a

tough shield of heat-reflective silver paint. The tanks are single-walled cylinders, but could be fabricated with a double wall, should you require it.

Versatile

The tanks are supplied in the dimensions shown below on an option of a 1, 2 or 3 m stand.

SANS compliant

Forgeweld's Bulk to Farmer tanks comply with SANS 10131, your further assurance of a tank that will outlast the seasons, year in and year out.

Tank dimensions and capacity

VOLUME litres	IN. DIAMETER mm	OUT. DIAMETER mm	OVERALL LENGTH mm	SHELL THICKNESS mm	CALC. CAPACITY litres	APPROX. WEIGHT kg
1 000	1 150	1 154	1 070	2	1 111	106
2 000	1 150	1 154	2 140	2	2 222	168

For more details or to order, please contact your nearest Forgeweld office.

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963. FORGEWELD'S MISSION IS TO BE A LEADER IN FUEL STORAGE SYSTEMS BY PROVIDING ENVIRONMENTALLY FRIENDLY, INNOVATIVE, COST-EFFECTIVE, INTERNATIONALLY ACCREDITED PRODUCTS AND SERVICES.

Gauteng offices: PO Box 472, Hammanskraal 0400 • 101 3rd Street, Babalegi 0407, Gauteng, South Africa • Tel: +27 (0)12 719 9052 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com
 KZN offices: PO Box 271, Mandini 4490 • 13 Blue Street, Isithebe 4491, KwaZulu-Natal, South Africa • Tel: +27 (0)32 459 2382 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com



ABOVE GROUND STORAGE TANKS
CRADLE-MOUNTED & SKIDS-MOUNTED TANKS

Diesel prices go up and down,
but our tanks go and stay
where you need them.

Either mounted on cradles fixed to the floor,
or fitted with skids to enable easy repositioning where required on
site, the tanks in this range are built to withstand the onslaught of the
elements and manhandling over the roughest terrain.

forgeweld

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963.





Tough

Constructed in hardwearing carbon steel, these are Forgeweld's trusty workhorses for the fuel and construction industries.

Submerged arc welding, performed under a blanket of flux, ensures strong, clean welds with deep penetration and no spatter. Welds produced are sound, uniform, and corrosion resistant - perfect for long-term service in the field.

Warranty policy

Forgeweld's Cradle-mounted and Skids-mounted storage tanks carries a warranty against defective materials and workmanship for a period of 24 months from the date of installation.

Low maintenance

Maintenance is virtually zero. The exterior is finished with a tough shield of heat-reflective paint. The tanks are single-walled cylinders. The interiors can be coated or painted, on request.

Sizes to suit your needs

The tanks are supplied in the dimensions shown below, delivered by independent installers, either on skids or cradles.

SANS 10131 compliant

Like all Forgeweld's aboveground tanks, these vessels comply with SANS 10131 standards, your assurance of a tank that's tougher than tough.

VOLUME m ³	IN. DIAMETER mm	OUT. DIAMETER mm	OVERALL LENGTH mm	SHELL THICKNESS mm	CALC. CAPACITY litres	APPROX. WEIGHT kg
4.5	1 810	1 817	1 900	6	4 862	934
9	1 815	1 817	3 700	6	9 468	1 430
14	1 815	1 817	5 500	6	14 074	1 913
23	2 318	2 330	5 500	6	23 210	2 309
30	2 318	2 330	7 300	6	30 806	2 928
46 Long	2 318	2 330	10 900	6	45 999	4 166
46 Dumpie	2 870	2 882	7 800	6	48 547	4 100
60	2 870	2 882	9 600	6	60 191	4 987
83	2 870	2 882	13 200	6	83 481	6 519
100	3 100	3 112	13 550	6	100 035	7 516

For more details or to order, please contact your nearest Forgeweld office.

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963. FORGEWELD'S MISSION IS TO BE A LEADER IN FUEL STORAGE SYSTEMS BY PROVIDING ENVIRONMENTALLY FRIENDLY, INNOVATIVE, COST-EFFECTIVE, INTERNATIONALLY ACCREDITED PRODUCTS AND SERVICES.

Gauteng offices: PO Box 472, Hammanskraal 0400 • 101 3rd Street, Babalegi 0407, Gauteng, South Africa • Tel: +27 (0)12 719 9052 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com
KZN offices: PO Box 271, Mandini 4490 • 13 Blue Street, Isithebe 4491, KwaZulu-Natal, South Africa • Tel: +27 (0)32 459 2382 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com



Forgeweld Fireguard™. The new generation of fire-rated self-bunded fuel storage tanks.

Forgeweld Fireguard™ tanks are specified for the storage of all blends of oxygenated fuels, including methanol.

forgeweld

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963.



A steel primary containment tank, contained within a steel secondary tank, with a unique, lightweight insulation technology called Steel Tank Institute of America (STI) Ingredient "B", in between. This is the innovative design of Fireguard™ - a technology that is patented by the STI. Forgeweld, a member of the STI, is the exclusive manufacturer and distributor of Fireguard™ in the Southern Hemisphere.



Will last longer

Fireguard™ technology far outstrips that of concrete-encased ASTs. The exterior steel wall provides superior weatherability and low-cost maintenance. Unlike with concrete, cracking and spalling will never be a problem.

75% lighter - lower transport costs

The thermal insulating material is super lightweight - 75% lighter than concrete, it reduces shipping, installation and relocation costs.

Sized to suit your needs

Fireguard™ tanks come in many more size options than most competitive brands, as well as cylindrical or rectangular design, compartmentalised configurations, concrete pad designs for sites in Seismic Zone 4 and tank supports manufactured in accordance with STI's UL Listings.

Fireguard™ exceeds safety standards

Both the primary and secondary tanks are equipped with emergency vents, an important safety feature that reduces the risk of explosion in the event of fire.

Fireguard™ tank technology has proven safety features:

- UL 2085 Four-hour Fire Rating - The primary tank has a tested ability to maintain an internal temperature below a specified limit for four hours, reducing the risk of an explosion during a fire.
 - Ballistics Protection - A tested ability to prevent penetration of bullets into the primary tank, thereby rendering it ballistics resistant.
 - Impact Protection - A tested ability to prevent leakage of the primary tank if impacted by a vehicle, lessening the risk of a spillage.
 - Hose Stream Resistant - A tested ability to prevent leakage of the primary tank or damage to the insulation material when impacted with a stream of water (a fire hose) for two and a half minutes, making the storage of flammable liquids safer.
- The tanks are supplied in the dimensions shown above. Deliveries can be arranged.



Compliance

Fireguard™ has been fully tested by the US standards authority Underwriters Laboratory in accordance with UL 2085 and has two listings: both the Fire-resistant Type and Protected Type listing for Insulated Secondary Containment Aboveground Storage Tanks.

South African National Standard (SANS) 10131:2004 allows the use and installation of Forgeweld Fireguard™ Tanks in South Africa.

Choose your options

Forgeweld Fireguard™ ASTs are fitted with top manholes and fittings and bosses to accommodate filling, dipping and suction outlets. Units can be provided with an access ladder or platform.

Top-rated

The primary and secondary tanks of Forgeweld Fireguard™ ASTs are manufactured from South African carbon steel plate complying with Grade 335JR. The external surface of Forgeweld Fireguard™ ASTs is usually white epoxy but this can be modified according to specific customer orders.

Tank dimensions and capacity

VOLUME m ³	IN. DIAMETER mm	OUT. DIAMETER mm	OVERALL LENGTH mm	SHELL THICKNESS mm	CALC. CAPACITY litres	APPROX. WEIGHT kg
4,5	1 805	1 817	1 900	6	4 862	2 585
9	1 805	1 817	3 700	6	9 468	3 674
14	1 805	1 817	5 500	6	14 074	4 848
23	2 318	2 330	5 500	6	23 210	6 785
30	2 318	2 330	7 300	6	30 806	8 762

For more details or to order, please contact your nearest Forgeweld office.

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963. FORGEWELD'S MISSION IS TO BE A LEADER IN FUEL STORAGE SYSTEMS BY PROVIDING ENVIRONMENTALLY FRIENDLY, INNOVATIVE, COST-EFFECTIVE, INTERNATIONALLY ACCREDITED PRODUCTS AND SERVICES.

Gauteng offices: PO Box 472, Hammanskraal 0400 • 101 3rd Street, Babalegi 0407, Gauteng, South Africa • Tel: +27 (0)12 719 9052 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com
 KZN offices: PO Box 271, Mandini 4490 • 13 Blue Street, Isithebe 4491, KwaZulu-Natal, South Africa • Tel: +27 (0)32 459 2382 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com