

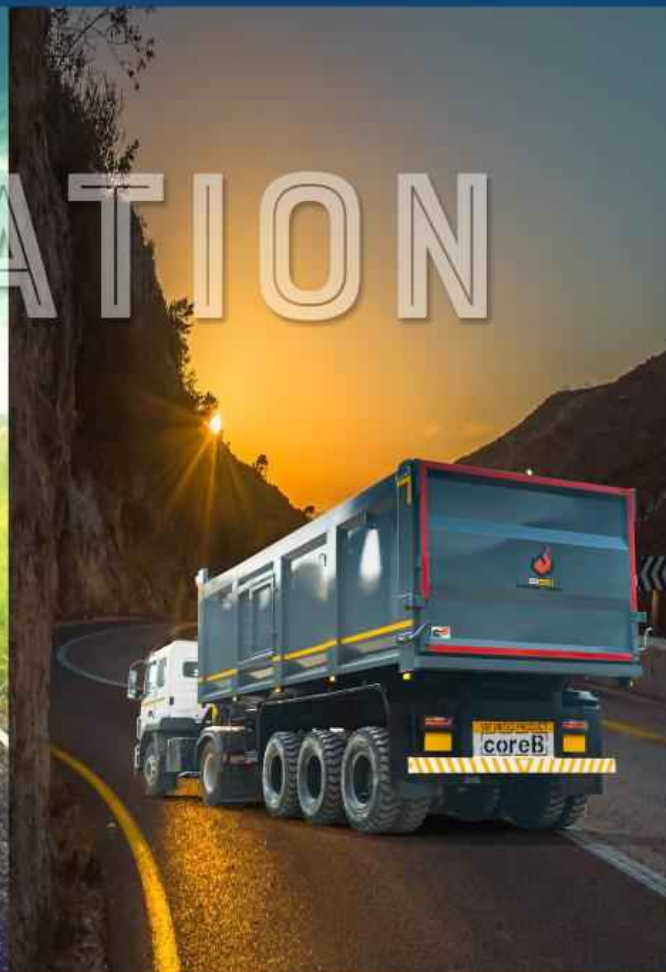
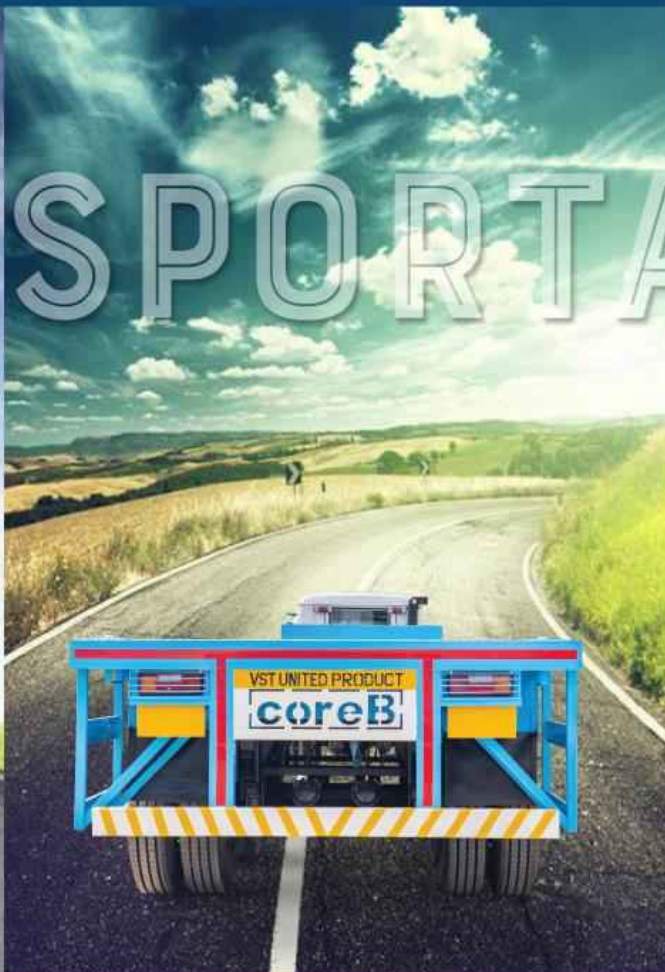


VST coreB

Think Transport, Choose Us

TRANSFORMING

TRANSPORTATION





VST core B



NP





2019

ESTABLISHED
YEAR

749+

PROJECT
COMPLETED

9752+

TRAILERS
MANUFACTURED

4150+

HAPPY
CLIENTS

ABOUT US

VST coreB Trailers, was founded in 2018 by Mr. Sitaram Yadav, Founder & Chairman of the VST United Group. VST coreB Trailers is one of the biggest brands of trailers and truck bodies in India. The manufacturing of several Articulated and Rigid categories Trailers, Tipping Trailers, Bulkers, Containers, Tankers etc. began operation in 2019. Our headquarters in Kotputli, Rajasthan, has a monthly production capacity of 400 trailers. Currently we are producing 310 -380 units per month and delivering across India. To enhance product quality, our devoted R&D team conducts the greatest research possible on product development.

We have a production area of more than 4 lac square feet, 720 on-site engineers, and 905 people overall in India. More than 4150 satisfied customers use VST coreB's B2B and B2C products and services in the Indian market.

By 2023, we expect to sell and produce across PAN India with additional production facilities in four new states.

VST coreB is ISO 9001:2015 certified company and our designs are approved by international centre for automotive technology(iCAT) authorities. VST coreB is best known for quality and eco friendly brand.





Inspired by Make In India program, Determined to transform business with innovation, technology and integrity. We believe that the record of our achievements is the best proof of our merit. Focused on optimizing the processes and minimizing emission for better world.

MR. SITA RAM YADAV

Founder & Chairman,
VST United Group



VST coreB

Think Transport, Choose Us



VST coreB Trailers is one of the biggest brands of trailers and truck bodies in India. With a present production capacity of 400 trailers per month and more than 4150 happy clients, the company is fairly optimistic about its future growth potential in India and globally.

To continually follow the highest quality standards. Become India's first choice company in Trailers manufacturing. Supply best in-class and quality products to global partners. Provide customized products to clients that accelerate their enterprise and be their most trust-worthy go-to partner.

By 2025, we hope to establish a global business with operations in Asia, the Middle East, and Africa, with a monthly production capacity of 1300-1400 trailers. Quality is a major concern for Indian as well international transporters, because they are currently implementing a new ecosystem and prefer to cut operational costs over onetime charges. VST coreB to produce high-quality, cutting-edge trailers with all necessary safety features for the Indian, Bangladesh, Nepal, African, and South American markets.

MR. VIKAS YADAV

CEO & MD, VST coreB Trailers

MR. VIJAY YADAV

COO & MD, VST coreB Trailers

WHY VST coreB?

- ★ Use of selected automobile graded material and best in class components
- ★ In-house design and R & D team, for customized requirement
- ★ CNC machines, Robotic Welding and Best process implementation
- ★ Highest level of automation through various SPM's and self-propelled robotics
- ★ Welded through best techniques, SAW Welding, MIG Welding using inert Corgon [Argon(80%)+CO₂(20%)] gases
- ★ MS-SS welding by using 98% argon & 2% Co₂ gases.
- ★ Fabricated I-Beam for highest strength.
- ★ Shot Blasting and Paint Booth for better quality and longer trailer paint life.
- ★ Faster delivery
- ★ Customized product as per specific customer application
- ★ Every product is designed, engineered and tested
- ★ Warranty on all products
- ★ Pan India Service and spares availability
- ★ ICAT and ISO 9001:2015 CERTIFIED





TIP TRAILER

LANDING LEG

- Two speed geared landing leg
- Make: York or equivalent

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent.

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- Manually actuated parking brake
- T24 brake chamber provided in all axles
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

CHASSIS

- Main girder: fabricated
- Material: HSFQ - 450 or equivalent
- Cross members - rolled or folded positioned at suitable locations

HYDRAULIC KIT

- Hydraulic tank includes pump, tank, return line filter, tipping valve and hydraulic hoses
- Operating pressure 170 BAR
- Multi stage cylinder: Model - FC 191-5 - 6010 stroke length, 169 - 4 stage

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension

AXLE

- 3/2 axles (14-ton) provided
- Make: York or equivalent

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

SIDE WALL TRAILER

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations
- Material: HSFQ - 450
- Fixed front and side panel, drop down

rear door

- 1 window provided at the centre on both sides.

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

AXLE

- 3/2 axles (14-ton) provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system

- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension
- Tridem pneumatic suspension

LANDING LEG

- Two speed geared landing leg
- Make : York or equivalent



FLATBED & LOWBED

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations
- Material: HSFQ - 450

KING PIN

- 2" king pin equivalent to IS; 6763 Part I provided
- Make: York or equivalent

AXLE

- 3/2 axles (14-ton) provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of

500 hours

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension
- Tridem pneumatic suspension

LANDING LEG

- Two speed geared landing leg
- Make : York or equivalent



BULKER

CHASSIS

- The Main chassis is a ladder type construction with cross members.
- The structure shall ensure maximum load bearing capacity with low unladen weight. Construction will ensure maximum torsional stability.
- Cross members – rolled or folded positioned at suitable locations.
- Shell – 4MM ST 52 / Dish End – 5MM ST 52 (thickness)

DISCHARGE

- Rear via bottom.

LOADING

- 3 *450mm diameter hatches
- Designed max working pressure: 165 to 180 kpa

PRESSURE GAUGE

- 100 mm diameter 0-10 Kg/Cm² fluid intersec

RELIEF VALVE

- A relief valve will be installed in the vessel in accordance with IS – 2526 Class 3 requirements.

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

AXLE

- Tandem or Tridem (13 to 16ton) provided
- Make: York or equivalent

SUSPENSION

- Tridem suspension -Heavy duty free ended laminated leaf spring assemblies with "U" clamps & Spring pads. .
- The alignment of the axles is achieved through tow adjustable torque arms provided on each side and locked.
- 12 – 16 ton capacity tandem or tridem axle leaf spring suspension with load equalizing brackets

BRAKES

- Twin line air brake system coupled to prime mover brake system

- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

LANDING LEG

- Two speed geared landing leg
- Make: York or equivalent



CONTAINER TRAILER (CONTRAILER)

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations
- Material: HSFQ - 450

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

AXLE

- 3/2 axles (14-ton) provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension
- Tridem pneumatic suspension

LANDING LEG

- Two speed geared landing leg
- Make : York or equivalent

ADDONS

- Parking lights, rearview camera, indicator lamps, sidelights, reflectors, toolbox etc. will be provided.



SEKELETAL & CONTAINER TRAILERS

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations
- Material: HSFQ - 450

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

AXLE

- 3/2 axles (14-ton) provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles

- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension

- Tridem pneumatic suspension

LANDING LEG

- Two speed geared landing leg
- Make : York or equivalent



CAR CARRIER

UPPER DECK PLATFORM

- 2 platform construction, manual, hydraulic cylinder operated for flexibility in multiple car loading
- Platform made from tubular rectangular pipes reinforced with cross members of ISMC 75x40
- Additionally, box and anti-skid perforated sheet is also provided
- Approach angle of tilting upper deck is less than 11 degrees

LOWER PLATFORM

- Made with 2.5mm thick perforated sheet and 2.5mm thick chequered plate in the centre and side of the track

REAR DOOR CUM LOADING RAMP

- Loading / unloading operated with twin hydraulic cylinders
- Tubular construction with 1.6 mm thick M.S. plain sheet (outer side) and
- 2.5mm M.S. sheet (inner side wheel track)
- Anti-skid rod to avoid slipping of tyres
- Approach angle of loading ramp is less than 9 degrees

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations
- Material: HSFQ - 450

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover

- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension
- Tridem pneumatic suspension



BOMB CART TRAILER

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations

MATERIAL

- HSFG - 450 6 shock absorber springs provided for 20 ft and 40 ft container

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

AXLE

- 2/3 axles (14 - ton) provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake
- ABS/EBS

PAINTING

- Surface cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

SUSPENSION

- 18-ton capacity tandem axle leaf spring suspension with load equalizing brackets

LANDING LEG

- Telescopic landing leg
- Make: York or equivalent



RUNNING GEAR

CHASSIS

- Main girder - fabricated
- Cross members - rolled or folded positioned at suitable locations
- Material: HSFQ - 450

KING PIN

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

AXLE

- 3/2 axles (14-ton) provided
- Make: York or equivalent

BRAKES

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency
- ABS/EBS

PAINTING

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

SUSPENSION

- 16-ton capacity tridem axle leaf spring suspension with load equalizing brackets
- Tandem 16ton + 14ton pneumatic suspension
- Tridem pneumatic suspension

LANDING LEG

- Two speed geared landing leg
- Make : York or equivalent





STATE-OF-THE-ART FACILITIES

We are equipped with epic infrastructure (CNC, Robotic welding and automated machineries with emerging technologies) to design and develop customized vehicles, which can be fabricated for industrial and commercial transport solution.

OUR SERVICE NETWORK

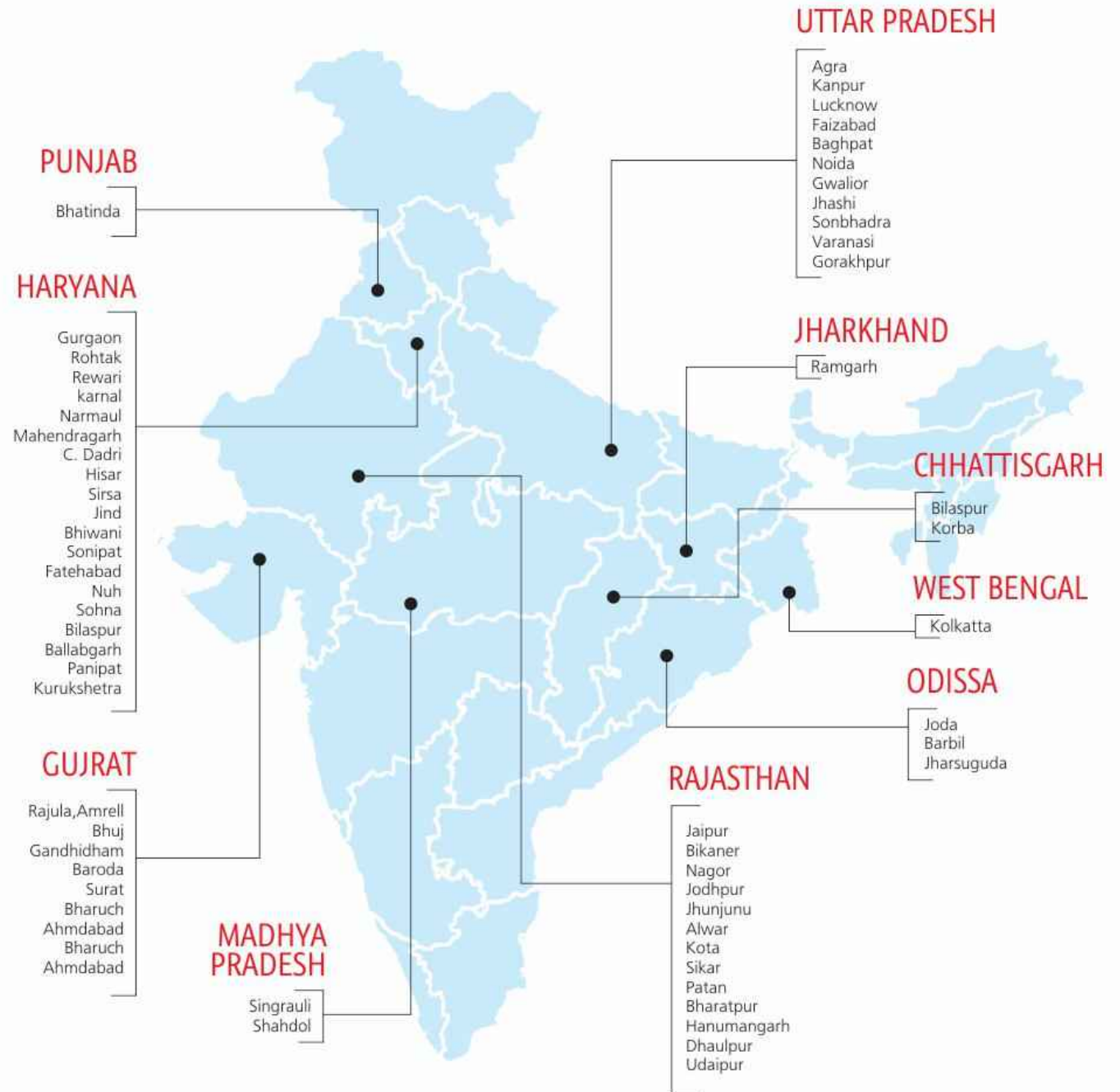
- Our company has expanded to every part of India and services are available throughout the country.
- Every product we manufacture comes with one-year standard warranty.

Call for Service

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SPECIAL FEATURES IN VST coreB TRAILERS



EBS



AXLE WEIGHT
LOAD SENSOR



CURTAIN
LIFT



HYDRAULIC
TAIL GATE



ON BOARD
WEIGHING



TPMS
(Tyre Pressure
Monitoring System)



GPS



REAR PARKING
CAMERA



PARKING
SENSOR



TRUCK TILT
ASSISTANCE



ABS



360 PARKING
SENSOR



OUR HAPPY CLIENTS



RK CARGO CARRIERS



and many more...



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