

INGE- NIOS

ENGINEERING

20
Product
Catalogue
www.stutrailer.com





STU TRAILERS LTD. CO. has facilities to produce different kinds of semi trailers in Turkey with it's experience in international markets since 2013.

In 2013 we started our production in different kinds of semi trailers regarding our customers demand with our special engineering methods. Also we have experience in especially Europe, Africa and Middle East markets. Day by day we add value to our production quality with our latest production Technologies and engineering systems.

Now we mainly produce and sharing our semi trailers with our partners more then 25 countries which are in transportation, production and construction sectors.

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SCRAP & ACCORDION TIPPER TRAILER

Technical Features

VOLUME

Bucket of trailer can be produced from 30 to 70 cbm capacity.

BODY

3 to 10 mm Hardox 450 or S355JR 4 to 10 mm according to load.

HYDRAILIC

Turkish brand HYVA model, C or H type cylinder.

DOORS

2 ways opening, Chain or Hydraulic System.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish brand drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

Just or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Just or equivalent Turkish brand telescopic, parallel working, double speed.

PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.



HALF PIPE TIPPER TRAILER

Technical Features

VOLUME

Bucket of trailer can be produced from 20 to 40 cbm capacity.

BODY

3 to 10 mm Hardox 450 or S355JR 4 to 10 mm according to load.

HYDRAILIC

Turkish brand HYVA model, C or H type cylinder.

DOORS

Chain system or Hydraulic System.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish brand drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

Just or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Just or equivalent Turkish brand telescopic, parallel working, double speed.

PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.





U TYPE TIPPER TRAILER

Technical Features

- VOLUME**
Bucket of trailer can be produced from 20 to 40 cbm capacity.
- BODY**
3 to 10 mm Hardox 450 or S355JR 4 to 10 mm according to load.
- HYDRAULIC**
Turkish brand HYVA model, C or H type cylinder.
- DOORS**
2 way opening, Chain or Hydraulic System.
- AXLES**
BPW, SAF, VALX or Certificated TUV papered Turkish brand drum or disc axles.
- AXLE LIFTING**
Front Axle can be liftable from truck cabin or on trailer.
- SUSPENSION**
Air, Mechanical or Bogie Suspension system.

- ELECTRICAL SYSTEM**
Hella, Aspöck, Sa-Ba Brand ADR suitable system.
- BRAKES**
Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.
- TIRE AND RIMS**
Supersingle or double tire with Steel or aluminum rims according to tire size.
- ACCESSORIES**
Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.
- KING PIN**
Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.
- LANDING GEAR**
Jost or equivalent Turkish brand telescopic, parallel working, double speed.
- PAINTING**
Sand blasted trailer will be painted with acrylic paints according to required color.

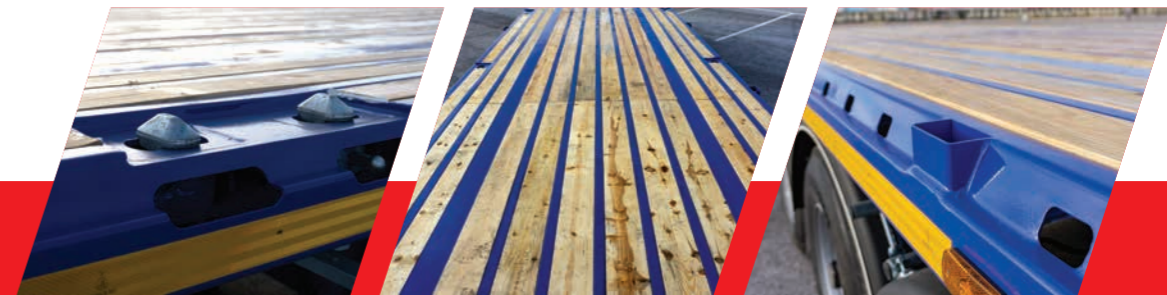


PLATFORM TRAILER

Technical Features

- PLATFORM**
MDF, Wood or chequered plate.
- CONTAINER LOCKS**
1x20 ft, 1x30 ft, 1x40 ft, 1x45 ft, 2x20 ft.
- SIDE WALLS**
Aluminum or steel walls according to required size.
- OPTIONS**
Extendable platform length, Pipe transport guides.
- AXLES**
BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.
- AXLE LIFTING**
Front Axle can be liftable from truck cabin or on trailer.
- SUSPENSION**
Air, Mechanical or Bogie Suspension system.

- ELECTRICAL SYSTEM**
Hella, Aspöck, Sa-Ba Brand ADR suitable system.
- BRAKES**
Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.
- TIRE AND RIMS**
Supersingle or double tire with Steel or aluminum rims according to tire size.
- ACCESSORIES**
Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.
- KING PIN**
Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.
- LANDING GEAR**
Jost or equivalent Turkish brand telescopic, parallel working, double speed.
- PAINTING**
Sand blasted trailer will be painted with acrylic paints according to required color.





40 FT TIPPING CONTAINER TRAILER

Technical Features

HYDRAULIC

Turkish brand H type HYVA model high quality cylinder.

CONTAINER LOCKS

1x20 ft, 1x30 ft, 1x40 ft, 1x45 ft.

ISO TANK CONTAINERS

Suitable to load iso tank containers.

OPTIONS

Hydraulic or mechanical rear legs.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

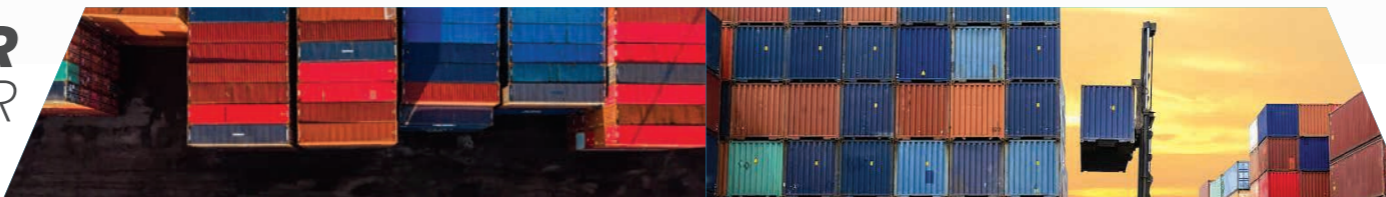
Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Jost or equivalent Turkish brand telescopic, parallel working, double speed.

PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.



20 FT TIPPING CONTAINER TRAILER

Technical Features

HYDRAULIC

Turkish brand H type HYVA model high quality cylinder.

CONTAINER LOCKS

1x20 ft.

ISO TANK CONTAINERS

Suitable to load iso tank containers.

OPTIONS

Hydraulic or mechanical rear legs.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Jost or equivalent Turkish brand telescopic, parallel working, double speed.

PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.





LOW LOADER PENDLE AXLE

Technical Features

2 PENDLE AXLE LOW LOADER

DIMENSIONS:

Total Length In Open Position : 11.050 mm (6.550mm + 4.500mm) + 2800mm Axles Area

Total Length In Open Position: 19.000 mm

Width: 2.550mm 25 cm Right and Left Flags Expanders)

Dead Weight (approximately): 12.900 Kg (± %3)

Legal loading capacity: 35.000 Kgs / 40.000 Kgs

Platform Height: 100mm

Gooseneck Length: 4000mm

AXLES:

2 axles have Bosch-Rexroth Hydraulic Steering & Hydraulic Suspension

4 x 9 Tonnes Axles, Last 2 Axle automatic hydraulic steering

4 x 9 Tonnes High Capacity hydraulic suspension cylinders

SAF, Gigant, Turkish Brand

Drum Brake



2+5 AXLE HYDRAULIC STEERING LOWBED

Technical Features

2+5 AXLE EXTENDABLE LOW LOADER WITH BRIDGE

DIMENSIONS:

Legal loading capacity: 90 Tons + 24 ton with 3 axle truck

Total Length: 15.550 mm + 6.000 mm

Platform Length: 11.650 mm + 6.000 mm

Width: 2,550mm

Platform Height: 900mm

Gooseneck Length: 4000mm

Gross Vehicle Weight: 110 Tonnes

AXLES:

All axles have Tridex Hydraulic Steering & Hydraulic Suspension

First two axle and Goosebeck automatically Works depending on load

First 2 Axle are Lifiable

SAF, Gigant, Turkish Brand

Axle Load: 12.000 Tonnes

STEERING:

2 x Hydraulic Steering

BRAKE:

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

ACCESSORIES:

Bosch-Rexroth Brand Remote Control of Axles

Groveland Brand Automatic Greasing Unit

Yatch Or Helicopter Carrier Assemblies

Container Locks

STEERING

Completely Hydraulic Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

RAMPS

Right & Left Moveable Hydraulic Ramps

ACCESSORIES

Bosch-Rexroth Brand Remote Control of Axles

Groveland Brand Automatic Greasing Unit

Bridge for Heavy Transformer Loading

Moveable Plate for 5th Wheel





2+6 AXLE LOWBED

Technical Features

2+6 AXLE EXTENDABLE LOWBED

DIMENSIONS:

Platform Length: 12.500mm + 8.000mm (Extendable Part)
 Legal loading capacity: 116 Tonnes + 24 tonnes with 3 axle truck
 Total Length: 8.800 mm + 3.300mm (2Axle Part) + 7.000 mm (Extendable Part)
 Gooseneck Length: 4.000mm
 Platform Height: 920mm
 Width: 2.550mm

AXLES:

All axles have Tridac Hydraulic Steering & Hydraulic Suspension
 SAF, Gigant, Turkish Brand
 Axle Load: 12.000 Tonnes

STEERING

Completely Hydraulic Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

GOOSENECK

Optional; Hydraulic Gooseneck

ACCESSORIES

Bosch-Rexroth Brand Remote Control of Axles
 Groveld Brand Automatic Greasing Unit
 Yatch Or Helicopter Carrier Assemblies
 Container Locks

3 AXLE EXTENDABLE LOW LOADER

Technical Features

3 AXLE EXTENDABLE LOW LOADER

DIMENSIONS:

Length: 16.000mm (7.500mm Platform + 4.500mm Extendable Part)
 Width: 2,750mm
 Axles Height: 900mm
 Gooseneck Length: 4000mm
 Empty Platform Height: 410mm
 Loaded Platform Height: 190mm
 Gross Vehicle Weight: 66 Tonnes

AXLES:

1.Axle Liftable + 2.Axle Fixed + 3. Axle Steering
 SAF, Gigant, Turkish Brand
 Pendle Axle System as optional
 Axle Load: 12.000 Tonnes

STEERING

Hydraulic Steering

Self Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

GOOSENECK

Detachable Hydraulic or Fixed Gooseneck

RAMPS

Optional; Right & Left Moveable Hydraulic Ramps



3 AXLE EXTENDABLE WITH HYDRAULIC GOOSENECK RAMP

Technical Features



3 AXLE LOWBED WITH HYDRAULIC RAMP

Technical Features

3 AXLE EXTENDABLE LOWBED

DIMENSIONS:

Length: 12.000mm (8.000mm + 3.500mm)
 Width: 2,550mm
 Platform Height:900mm
 Gooseneck Length:4000mm
 Gross Vehicle Weight: 66 Tonnes

AXLES:

1.Axle Liftable + 2.Axle Fixed + 3. Axle Steering
 SAF, Gigant, Turkish Brand
 Axle Load: 12.000 Tonnes

STEERING

Hydraulic Steering / Self Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

RAMPS

Right & Left Moveable Hydraulic Ramps

3 AXLE LOWBED WITH HYDRAULIC RAMPS

DIMENSIONS:

Platform Length: 9.000mm
 Gooseneck Length: 3.500mm
 Width: 2.550mm
 Platform Height:950mm
 Gross Vehicle Weight: 54 Tonnes

AXLES:

1.Axle Liftable + 2.Axle Fixed + 3. Axle Steering
 SAF, Gigant, Turkish Brand
 Axle Load: 12.000 Tonnes

STEERING

Hydraulic Steering / Self Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

RAMPS

Right & Left Moveable Hydraulic Ramps





4 AXLE EXTENDABLE LOWBED

Technical Features



6 AXLE EXTENDABLE LOWBED

Technical Features

4 AXLE EXTENDABLE LOWBED WITH HYDRAULIC RAMPS

DIMENSIONS:

Platform Length: 9.000mm + 3.500mm
 Gooseneck Length: 4.000mm
 Width: 2.550mm
 Platform Height: 950mm
 Gross Vehicle Weight: 58 Tonnes

AXLES:

1. Axle Liftable + 2. & 3. Axle Fixed + 4. Axle Steering
 Optional; Two axle self steering
 SAF, Gigant, Turkish Brand
 Axle Load: 12.000 Tonnes

STEERING

Hydraulic Steering / Self Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

RAMPS

Right & Left Moveable Hydraulic Ramps

6 AXLE EXTENDABLE LOWBED WITH HYDRAULIC RAMPS

DIMENSIONS:

Total Length in open positions: 22.000mm
 Platform Length: 12.000 mm + 6.000 mm
 Width: 2,550mm
 Gooseneck Length: 3.000mm
 Gross Vehicle Weight: 100 Tonnes

AXLES:

2 Lifting + 1 Fixed + 3 Self Steering Axles
 SAF or Turkish Brand Axles
 Axle Load: 12.000 Tonnes

STEERING

Self Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

RAMPS

Right & Left Moveable Hydraulic Ramps





8 AXLE LOWBED

Technical Features

8 AXLE EXTENDABLE LOWBED

DIMENSIONS:

Legal loading capacity: 100 Tons + 24 ton with 3 axle truck
 Total Length: 12.200 mm + 9.000 mm + 8.500 mm
 Platform Length: 12.200 mm
 Width: 3,000mm
 Platform Height: 930mm
 Gooseneck Length: 4000mm

AXLES:

7 axles have Hydraulic Steering & Hydraulic Suspension
 First two axle and Goosebeek automatically Works depending on load
 First Axle is Lifiable
 SAF, Gigant, Turkish Brand
 Axle Load: 12.000 Tonnes
 Axle Load: 12.000 Tonnes



STEERING

7 x Hydraulic Steering

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

ACCESSORIES

Bosch-Rexroth Brand Remote Control of Axles
 Groveld Brand Automatic Greasing Unit

REMORQUE LOWBED

Technical Features

REMORQUE TRAILER WITH DRAWBAR & TURNTABLE

DIMENSIONS:

4 or 5 mm ¾ steel chequered plate platform floor
 Optional Platform Lengths
 Extendable & Lifiable Triangle Drawbar
 Height: 950mm
 Width: 2.500mm

AXLES:

Saf or Turkish Brand
 2 to 5 Axle Remorques are available
 Drum Brakes, Air Suspensions
 12 Tonnes Loading Capacity Per Axle

STEERING

First Axle is on turntable

BRAKE

Wabco / Knorr EBS

ELECTRICAL SYSTEMS

SA-BA or Aspöck Brands

ACCESSORIES

Galvanized Chassis
 Lashing Holes, Container Locks
 Towing Eye 40mm or 50mm
 Toolboxes, Water Tank
 Hydraulic Ramps, Expanding Side Supporter
 Led Working Lights
 Hydraulic Ramp





CONCRETE MIXER SEMI TRAILER

Technical Features



V TYPE CEMENT BULKER

Technical Features

- VOLUME**
9 - 12,7 cbm tank volume.
- BODY**
4 mm thickness 30MnB5 Antiwear resistant steel.
- ENGINE**
Deutz 6 cylinder as optional.
- HYDRAULIC**
Eaton Pmp AKG hydrostatic transmission.
- AXLES**
BPW, SAF, VALX or Certificated TUV papered Turkish band drum or disc axles.
- AXLE LIFTING**
Front Axle can be liftable from truck cabin or on trailer.
- SUSPENSION**
Air, Mechanical or Bogie Suspension system.

- ELECTRICAL SYSTEM**
Hella, Aspöck, Sa-Ba Brand ADR suitable system.
- BRAKES**
Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.
- TIRE AND RIMS**
Supersingle or double tire with Steel or aluminum rims according to tire size.
- ACCESSORIES**
Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.
- KING PIN**
Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.
- LANDING GEAR**
Jost or equivalent Turkish brand telescopic, parallel working, double speed.
- PAINTING**
Sand blasted trailer will be painted with acrylic paints according to required color.

- VOLUME**
22 to 55 cbm tank volume.
- BODY**
4-5-6 mm according to capacity S355JR quality steel or stainless steel.
- UNLOADING COMPRESSOR**
2 or 3 head diesel or electrical compressor models.
- VACUUM ENGINE**
Optional vacuum engine to suck bulk materials.
- AXLES**
BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.
- AXLE LIFTING**
Front Axle can be liftable from truck cabin or on trailer.
- SUSPENSION**
Air, Mechanical or Bogie Suspension system.

- ELECTRICAL SYSTEM**
Hella, Aspöck, Sa-Ba Brand ADR suitable system.
- BRAKES**
Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.
- TIRE AND RIMS**
Supersingle or double tire with Steel or aluminum rims according to tire size.
- ACCESSORIES**
Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.
- KING PIN**
Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.
- LANDING GEAR**
Jost or equivalent Turkish brand telescopic, parallel working, double speed.
- PAINTING**
Sand blasted trailer will be painted with acrylic paints according to required color.





W TYPE CEMENT BULKER

Technical Features

VOLUME

22 to 65 cbm tank volume.

BODY

4-5-6 mm according to capacity S355JR quality steel or stainless steel.

UNLOADING COMPRESSOR

2 or 3 head diesel or electrical compressor models.

VACUUM ENGINE

Optional vacuum engine to suck bulk materials.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Jost or equivalent Turkish brand telescopic, parallel working, double speed.

PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.



MONOBLOCK TANKER TRAILER

Technical Features

VOLUME

20.000 to 65.000 liter tank volume with 1 to 9 compartments.

BODY

4-5-6 mm according to capacity S355JR quality steel or stainless steel.

UNLOADING COMPRESSOR

PTO driven, diesel or electrical pump with mechanical or digital flowmeters.

BOTTOM LOADING

Optional bottom API loading valves suitable for ADR regulations.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Jost or equivalent Turkish brand telescopic, parallel working, double speed.

PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.





CYLINDRICAL TANKER TRAILER

Technical Features



VOLUME

20.000 to 65.000 liter tank volume with 1 to 9 compartments.

BODY

4-5-6 mm according to capacity S355JR quality steel or stainless steel.

UNLOADING COMPRESSOR

2 or 3 head diesel or electrical compressor models.

VACUUM ENGINE

PTO driven, diesel or electrical pump with mechanical or digital flowmeters.

AXLES

BPW, SAF, VALX or Certificated TUV papered Turkish Axles drum or disc axles.

AXLE LIFTING

Front Axle can be liftable from truck cabin or on trailer.

SUSPENSION

Air, Mechanical or Bogie Suspension system.

ELECTRICAL SYSTEM

Hella, Aspöck, Sa-Ba Brand ADR suitable system.

BRAKES

Wabco or Knorr brand ABS, EBS or dual line air brake system, with emergency brakes.

TIRE AND RIMS

Supersingle or double tire with Steel or aluminum rims according to tire size.

ACCESSORIES

Tool box, aluminum ladder, tent cover, hydraulic rear door, front canopy.

KING PIN

Jost or equivalent Turkish brand 2" or 3,5" king pin detachable.

LANDING GEAR

Jost or equivalent Turkish brand telescopic, parallel working, double speed.

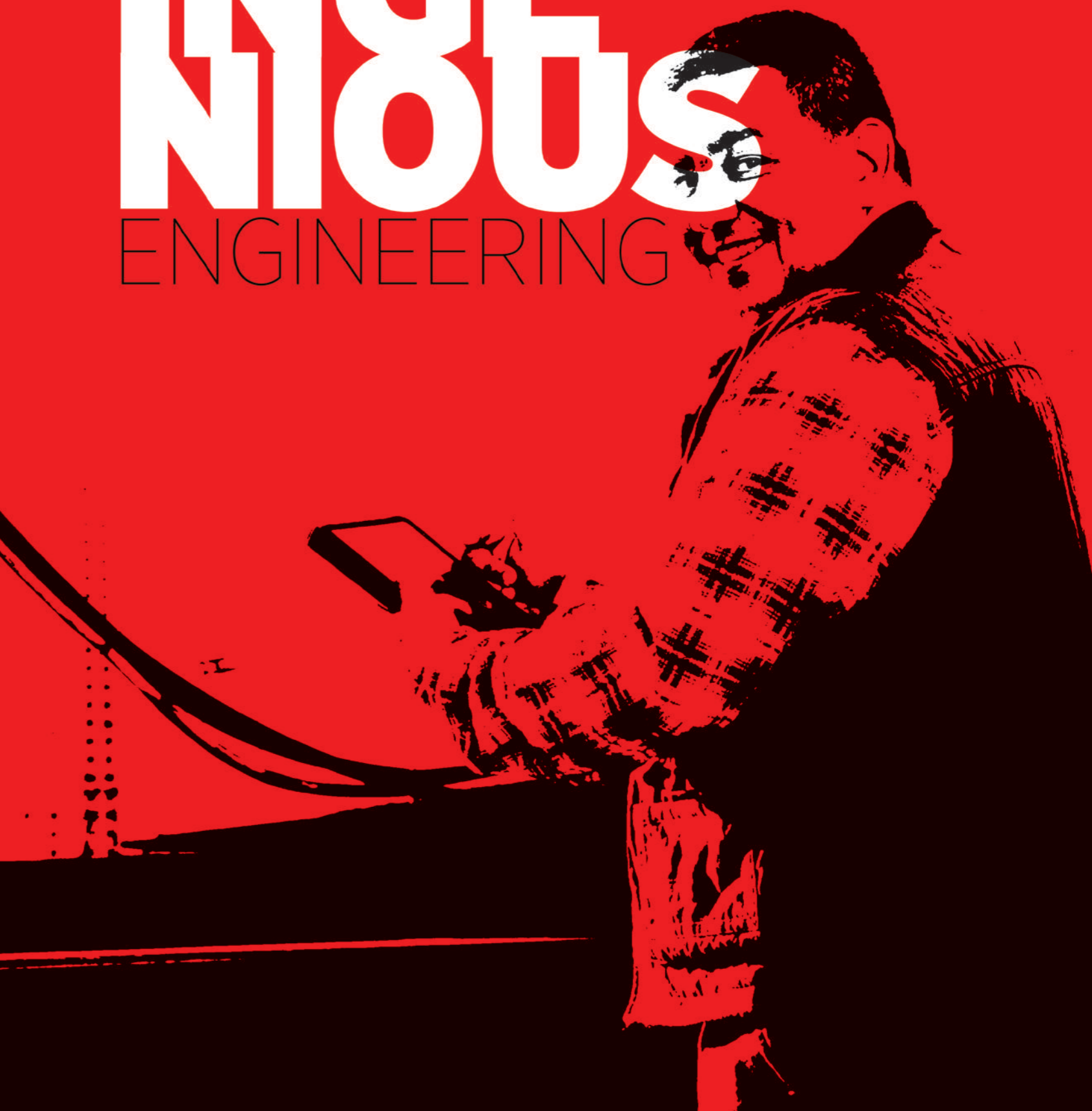
PAINTING

Sand blasted trailer will be painted with acrylic paints according to required color.



INGENIOUS

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stutrailer.com

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