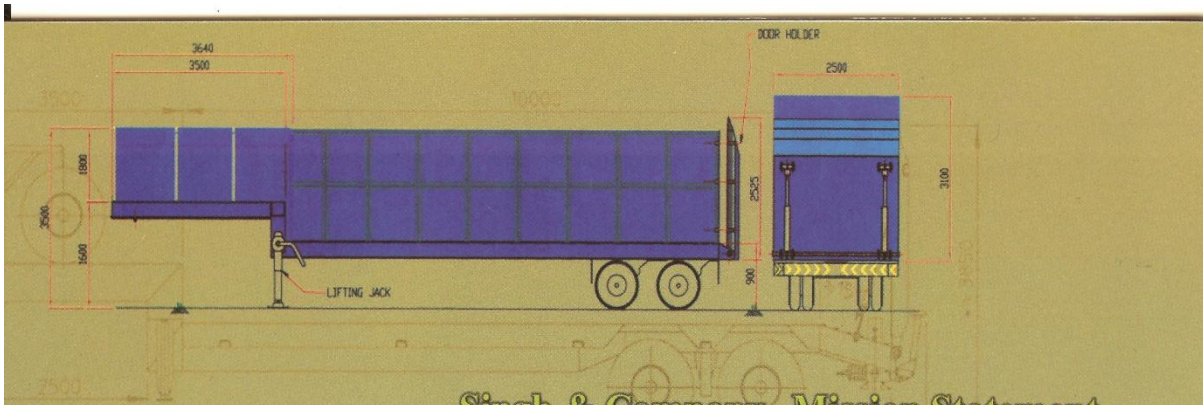


**Trailer Tankers /
Low Bed Trailers -Semi Trailer**



SINGH & COMPANY



Singh & Company...Mission Statement

Singh & Company has been the leader in having a wide range of Manufacturing, Fabrication and Machining activities. Bold engineering and unconventional thinking will be the best in both our products and our people.

The Company's entrust on 'Customer Care' and 'Continuous Improvement' has rewarded with the most credible companies in Oman.

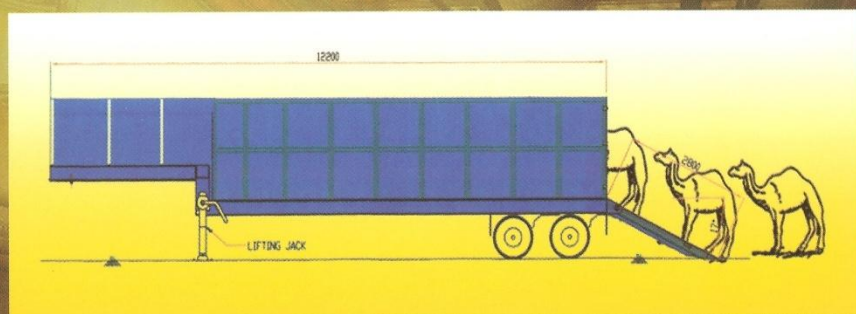


Customer requirements are studied in detail and the job is carried out with the 'Value Addition' concept at each stage of the job. The customer satisfaction level of Singh & Co can be gauged by the fact that approximately 80% of our business are repetitive in nature.

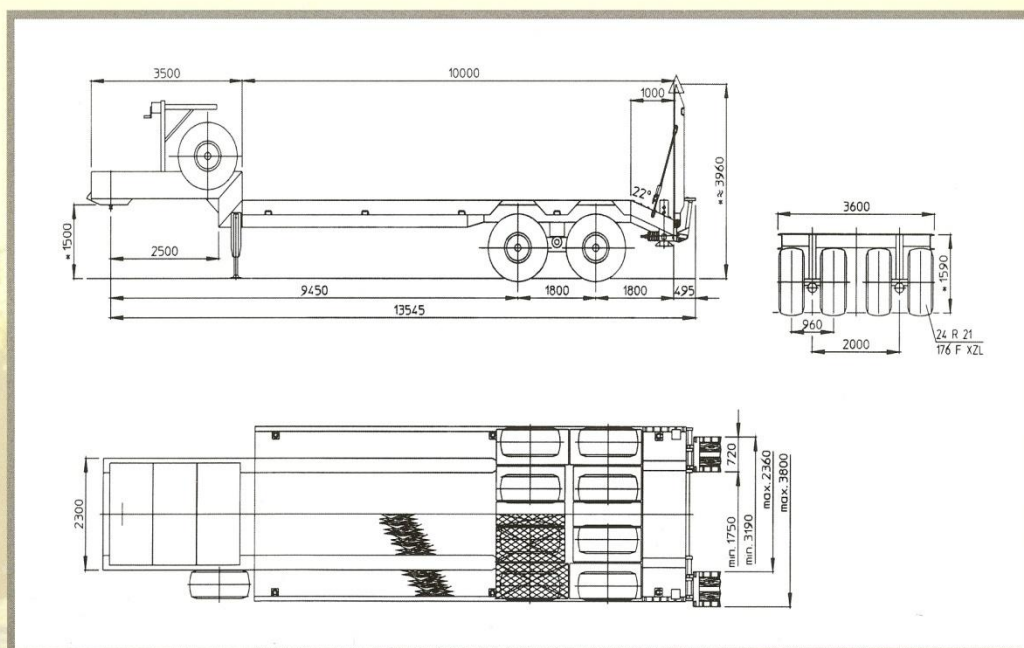


The company, under the guidance of its well-experienced management and competent work force, has successfully, undertaken and commissioned many turn-key projects for some of the most renowned, internationally acclaimed, PDO customers in Oman.

Singh & Company oversees worldwide distributors and manufacturing from company headquarters in Oman.



2-Axle Semi Low Loader Type STUP 2-70/40



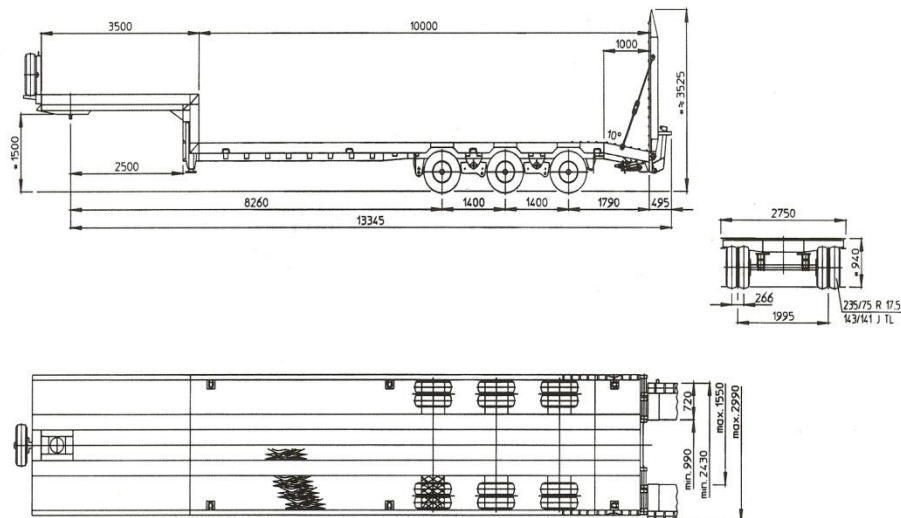


2-AXLE SEMI LOW LOADER TYPE STUP 2-70/40

1.0 MAIN TECHNICAL FEATURES

- 1.1 Goose-neck designed for a technical 5th wheel load of max. 30.000 kg
- Goose neck in narrow design (l x w) 3.500 mm x 2.140 mm
 - 5th wheel plate with exchangeable 3½" king pin
 - 1 pair of mechanical heavy duty landing gears, operable from both sides
- 1.2 Loading platform running straight through over the bogie
- 50 mm wooden flooring
 - chequered plate cover over the wheels
 - loading height laden approx. 1.350 mm
- 1.3 Rear end of vehicle with 1.000 mm bevel
- bevel angle approx. 15 degrees
 - bevel with 50 mm wooden flooring and steel climbing pads on the outer frame
 - rear overhang 1.825 mm
 - 1 pair of supporting drop legs mounted under the bevel for safe loading and unloading procedure.
- 1.4 Two 1-Piece loading ramps, with 50 mm wooden flooring and steel climbing pads at the outer sides
- length approx. 2.850 mm, width 720 mm
 - spring operated ramp actuators for one-man operation
 - adjustable fastening device
- 1.5 3-axle Bogie
- bogie width 3.000 mm
 - wheel base 1.550 mm
 - 2 unsprung swing axles and 8 wheels per axle, line (in twin arrangement)
 - mechanical axle compensation system by means of unsprung longitudinal beams results in an equal load distribution to each wheel set
 - tire size 12.00 R 20 154/149 K, mounted on steel disc wheels
- 1.6 Brakes
- 2-line air pressure brake system acting on all wheels
 - mechanical hand actuated parking brake
 - execution as per international standard
- 1.7 Lighting equipment
- 24-Volt system
 - tail-, stop- and indicator lights arranged in one protective housing, incl. reversing light and fog lamp
 - limitation lamps, side marker lamps and licence plate lights
 - reflectors at the sides and at rear
 - Execution as per international standard
- 1.8 Finish
- framework blasted
 - one prime coating
 - two finishing coatings (Acrylic varnish) in best commercial standard
- 1.9 Standard accessories
- 1 pair of chocks with carrier
 - 1 set of axle tools
 - 1 spare wheel, complete with carrier mounted on the goose-neck
 - 1 detachable spare wheel gallow with winch mounted on the goose-neck
 - Two main lash rings mounted on the goose-neck
 - Two main lash rings let into the loading platform at the bevel
 - 2 pairs of heavy duty lashing points let into the platform
 - adequate number of lash ring at the outer frame
- 1.10 Technical Data:
- | | | |
|--------------------------|--------|----------------------|
| Speed | | 40 km/h |
| 5th wheel load | | 30.000 kg |
| Axle load (3x) | | 32.000 kg |
| Gross weight | | 94.000 kg |
| Dead weight | approx | 24.000 kg |
| Payload | approx | 70.000 kg |
| Loading platform | | 10.000 x 3.500 mm |
| incl. bevel at frame end | | 1.000 mm |
| Loading height laden | | approx.1.350 mm |
| Tyres (16 + 1 spare) | | 12.00 R 20 154/149 K |

3-Axle Semi Low Loader Type STUP 3-60/40



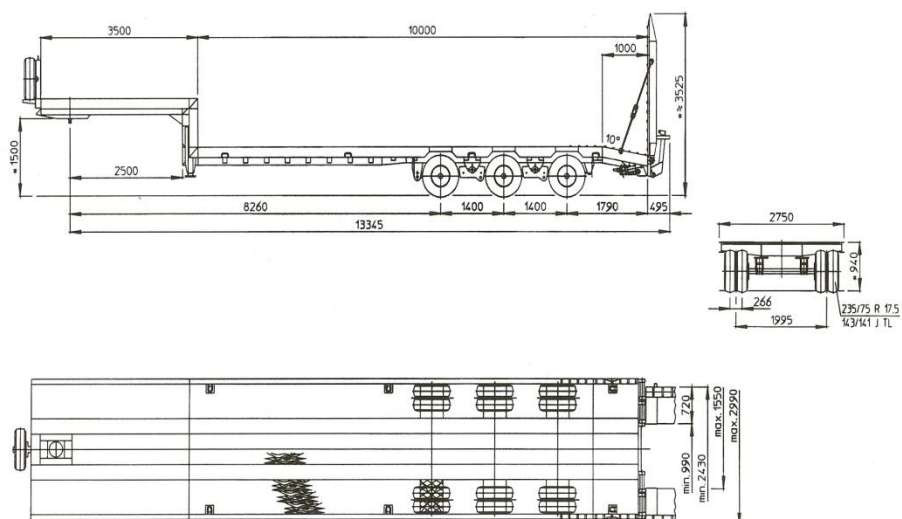


3-AXLE SEMI LOW LOADER TYPE STUP 3-60/40

1.0 MAIN TECHNICAL FEATURES

- 1.1 Goose-neck designed for a technical 5th wheel load of max. 25.000 kg
- Goose neck in narrow design (l x w) 3.500 mm x 1.050 mm
 - 5th wheel plate with exchangeable 3½" king pin
 - 1 pair of mechanical heavy duty landing gears, operable from both sides
- 1.2 Loading platform running straight through over the bogie
- 50 mm wooden flooring
 - chequered plate cover over the wheels
 - loading height laden approx. 1.260 mm
- 1.3 Rear end of vehicle with 1.000 mm bevel
- bevel angle approx. 15 degrees
 - bevel with 50 mm wooden flooring and steel climbing pads on the outer frame
 - rear overhang 1.800 mm
 - 1 pair of supporting drop legs mounted under the bevel for safe loading and unloading procedure.
- 1.4 Two 1-Piece loading ramps, with 50 mm wooden flooring and steel climbing pads at the outer sides
- length approx. 2.850 mm, width 720 mm
 - spring operated ramp actuators for one-man operation
 - adjustable fastening device
- 1.5 3-axle Bogie
- bogie width 3.000 mm
 - wheel base 2 x 1.400 mm
 - 3 beam axles with 4 wheels each, in twin arrangement
 - tire size 12.00 R 20 154/149 K, mounted on steel disc wheels
 - axle load compensation by means of longitudinal leaf springs and rocker beams
- 1.6 Brakes
- 2-line air pressure brake system acting on all wheels
 - mechanical hand actuated parking brake
 - execution as per international standard
- 1.7 Lighting equipment
- 24-Volt system
 - tail-, stop- and indicator lights arranged in one protective housing, incl. reversing light and fog lamp
 - limitation lamps, side marker lamps and licence plate lights
 - reflectors at the sides and at rear
 - Execution as per international standard
- 1.8 Finish
- framework blasted
 - one prime coating
 - two finishing coatings (Acrylic varnish) in best commercial standard
- 1.9 Standard accessories
- 1 pair of chocks with carrier
 - 1 set of axle tools
 - 1 spare wheel, complete with carrier mounted on the goose-neck
 - 1 detachable spare wheel gallow with winch mounted on the goose- neck
 - Two main lash rings mounted on the goose -neck
 - Two main lash rings let into the loading platform at the bevel
 - 2 pairs of heavy duty lashing points let into the platform
 - adequate number of lash ring at the outer frame
- 1.10 Technical Data:
- | | | |
|--------------------------|--------|----------------------|
| Speed | | 80 km/h |
| 5th wheel load | | 24.000 kg |
| Axle load (3x) | | 17.000 kg |
| Gross weight | | 75.000 kg |
| Dead weight | approx | 15.000 kg |
| Payload | approx | 60.000 kg |
| Loading platform | | 10.000 x 3.000 mm |
| incl. bevel at frame end | | 1.000 mm |
| Loading height laden | | approx.1.260 mm |
| Tyres (12 + 1 spare) | | 12.00 R 20 154/149 K |

2-Axle Semi Low Loader Type STUP 2-80/30





2-AXLE SEMI LOW LOADER TYPE STUP 2-80/30

1.0 MAIN TECHNICAL FEATURES

- 1.1 Goose-neck designed for a technical 5th wheel load of max. 40.000 kg
- Goose neck loading platform (l x w) 3.500 mm x 2.300 mm
 - 5th wheel plate with exchangeable 3½" king pin
 - 1 pair of mechanical heavy duty landing gears, operable from both sides
- 1.2 Loading platform running straight through over the bogie
- 50 mm wooden flooring
 - chequered plate cover over the wheels
 - loading height laden approx. 1.590 mm
- 1.3 Rear end of vehicle with 1.000 mm bevel
- bevel angle approx. 22 degrees
 - bevel with 50 mm wooden flooring and steel climbing pads on the outer frame
 - rear overhang 1.800 mm
 - 1 pair of supporting drop legs mounted under the bevel for safe loading and unloading procedure.
- 1.4 Two 1-Piece loading ramps, with 50 mm wooden flooring and steel climbing pads at the outer sides
- length approx. 2.850 mm, width 720 mm
 - spring operated ramp actuators for one-man operation
 - adjustable fastening device
- 1.5 3-axle Bogie
- bogie width 3.000 mm
 - wheel base 1.800 mm
 - 2 unsprung swing axles and 4 wheels per axle, line (in single arrangement)
 - mechanical axle compensation system by means of unsprung longitudinal beams results in an equal load distribution to each wheel set
 - tire size 24 R 21 176 F XZL, mounted on steel disc wheels
- 1.6 Brakes
- 2-line air pressure brake system acting on all wheels
 - mechanical hand actuated parking brake
 - execution as per international standard
- 1.7 Lighting equipment
- 24-Volt system
 - tail-, stop- and indicator lights arranged in one protective housing, incl. reversing light and fog lamp
 - limitation lamps, side marker lamps and licence plate lights
 - reflectors at the sides and at rear
 - Execution as per international standard
- 1.8 Finish
- framework blasted
 - one prime coating
 - two finishing coatings (Acrylic varnish) in best commercial standard
- 1.9 Standard accessories
- 1 pair of chocks with carrier
 - 1 set of axle tools
 - 1 spare wheel, complete with carrier mounted on the goose-neck
 - 1 detachable spare wheel gallow with winch mounted on the goose- neck
 - Two main lash rings mounted on the goose -neck
 - Two main lash rings let into the loading platform at the bevel
 - 2 pairs of heavy duty lashing points let into the platform
 - adequate number of lash ring at the outer frame
- 1.10 Technical Data
- | | | | |
|--------------------------|--------|-------------------|------------|
| Speed | | 80 km/h | 80 km/h |
| 5th wheel load | | 32.000 kg | 40.000 kg |
| Axle load (3x) | | 35.000 kg | 31.000 kg |
| Gross weight | | 102.000 kg | 102.000 kg |
| Dead weight | approx | 23.600 kg | 23.600 kg |
| Payload | approx | 78.400 kg | 78.400 kg |
| Loading platform | | 10.000 x 3.600 mm | |
| incl. bevel at frame end | | 1.000 mm | |
| Loading height laden | | approx.1.590 mm | |
| Tyres (8 + 1 spare) | | 24 R 21 176 F XZL | |

MAIN FEATURES OF SEMI TRAILERS AND LOWBEDS TYPE

STZ-VL AND STZ-VL/S IN STANDARD EXECUTION

- ❖ hydraulic steering articulation integrated into the goose neck, flat sliding lever design with adjustable guiding elements that ensure precise steering performance and minimum maintenance costs
- ❖ knuckle type steering axles with max. steering angle of 45° degrees for maximum manoeuvrability
- ❖ hydromechanical 2-circuit steering system
- ❖ permissible speed up to 80 km/h
- ❖ air suspension (standard stroke +/- 100 mm), incl. raise/lower control, air suspension stroke or hydraulic suspension as option with increased travel
- ❖ SPEEDY axles with low maintenance ECO system
- ❖ tyre size 235 / 75 R 17,5
- ❖ loading height bogie laden : 925 mm +/- 100
- ❖ 2- line, all wheel air brake system with spring loaded parking brake, automatic load governed braking system (ALB), automatic slack adjusters (AGS). Anti lock brake system (ABS) for semitrailers as a standard
- ❖ loading platform with 50 mm wooden flooring, 10 mm chequered steel cover over the wheels
- ❖ 24-volt-electric system with 7-chamber tail light incl. reversing lamp and fog lamp
- ❖ extensive list of optional equipment to meet most customer requirements

precondition : observance of operating and maintenance instructions.

The stated deadweights apply to vehicles in basic version only.

Optional equipment increases the deadweight accordingly.

Subject to technical progress and regulations, we reserve the right to change the specification.



STZ-VL 3



STZ-VL 3 extendible

Type	Code	Payload	Dead weight	5th wheel load	Axle load	Gross weight	Gross combinat. length (G1)	Loading platform (A7)	Extendible by (A6)	Wheel base (A10)	Special permit required	Truck tractor Nos. of axles
		kg	kg	kg	kg	kg	mm	mm	mm	mm		
STZ-VL 3	303017	33900	14100	18000	3x10000	48000	19900	7300	--	1310	ja	3
STZ-VL 3A	303018	32200	15800	18000	3x10000	48000	19900	7300	4900	1310	ja	3
STZ-VL 3	303013	39700	14300	24000	3x10000	54000	19800	7300	--	1310	ja	4
STZ-VL 3A	303014	37500	16500	24000	3x10000	54000	19800	7300	4900	1310	ja	4



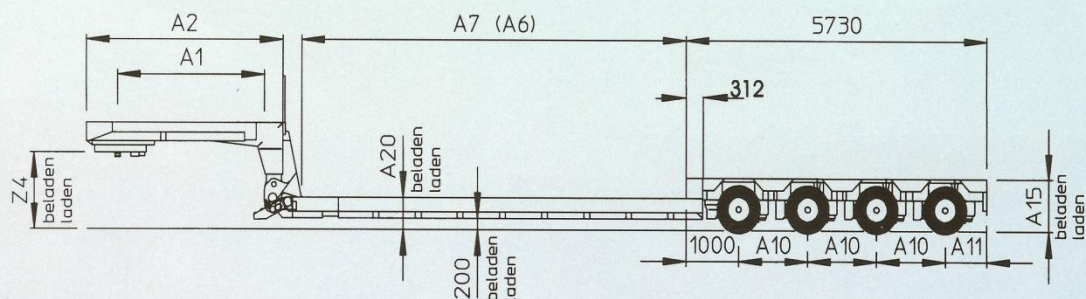
TECHNICAL DATA OF SEMI LOW LOADERS STZ-VL

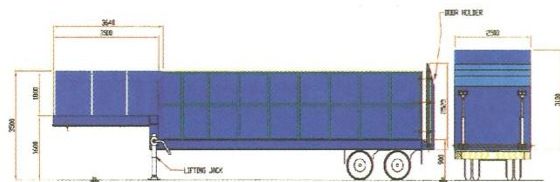
Speed	km/h	80		
Goose-neck				
5th wheel load	kg	18000	24000	30000
		(24000)	(30000)	(35000)
Kingpin diameter according to 5th wheel load		2" / 3,5"	3,5"	
Length of goose-neck	A2 mm	3500	3750	
Width of goose-neck	mm	2440		
Dead weight approx.	kg	3400	3600	3700
Front swing clearance	mm	1460 - 1370	1350 - 1250	
Rear swing clearance	A1 mm	2400-2600	2400-2800	
5th wheel height, laden	Z4 mm	1250 - 1450		
Bogie				
Axle load	kg	10000		
Max. steering angle		45°		
Width of loading platform	mm	2550	2750	
Federung *		Luft, 200 mm Gesamthub *		
Air suspension		Air, 200 mm stroke		
Tyres **		235 / 75 R 17,5 **		
Bogie, loading height in driving position, laden	A15 mm	925 +/- 100		
Overhang from centre of last axle	A11 mm	800		
Drop deck		flat	lower outer	Vessel bridge
deck				Crawler
			fields	
loading height in drop deck, laden	A20 mm	550	550/440	600
Construction height	mm	350	350/240	400
Width	mm	2550 / 2750		1 300
Ramps *** on drop deck, front		Inclination		single
Length	mm	650		1 180
Width	mm	600		500
Weight approx.	kg	185		280
				480

* Other air or hydr. Suspension strokes upon request.

** Tyres 285/70 R 19,5 upon request.

*** Ramps versions for vehicle rear end, see technical data sheet STZ-L/STZ-TL





Subject to technical progress and regulations in force,
we reserve the right to change the above specifications.
SINGH & COMPANY