

# REACH STACKER G-CLASS



**SANY**

# REACH FOR THE BEST.

## QUALITY CHANGES THE WORLD

SANY has the vision and capability to offer a refreshing alternative to the market, customer solutions developed and produced meeting the highest European standards and demands. Quality, Reliability and Customer Care are our core values. The team in SANY Europe follows each project from the development phase through to ex-works dispatch and full customer satisfaction. We join you every step of the way.

## SANY VALUE PLUS 12 | 13

Excellent Performance Excellent Support.

## SMART TECHNOLOGY 11

Ensuring easy maintenance.

## OPTIMIZED CABIN 06 | 07

Premium comes as standard.

## MAXIMUM SAFETY 08 | 09

For safe and efficient operations.

## CLEAN TECHNOLOGY 10

Latest emission standards and optimised fuel consumption.

## GERMAN ENGINEERING 04 | 05

Melting pot of European expertise.





**PAINT QUALITY**

SANY Europe has its own paint shop thus bringing this essential part of machine quality under direct control. This permits SANY to bring complete flexibility to this process and allows for individual customer requests to be satisfied at short notice. SANY Europe is furthermore in full control of the quality of the paint finish. Following the highest industry standards paint is applied in four layers of coating and achieves a corrosion resistance class that satisfies ISO norms whilst at the same time employing an environmental friendly system and materials.



**BORN IN EUROPE.**

**ENGINEERING**

SANY Europe Reach Stackers incorporate components that are tested by its engineers and proven in the market. Every part of the machine has been developed by SANY engineers who follow the process from design conception to the completion of every new machine. SANY has a strong reputation of listening to customers and delivering strong, reliable yet comfortable equipment to satisfy the most exacting customer demand.

**EUROPEAN EXPERTISE**

SANY Europe represents a blend of international experience and youthful vigour. The team assembled in SANY Europe can demonstrate many years of experience in mobile port machinery in every departmental discipline - be it engineering, manufacturing, distribution and marketing.

**MANUFACTURING**

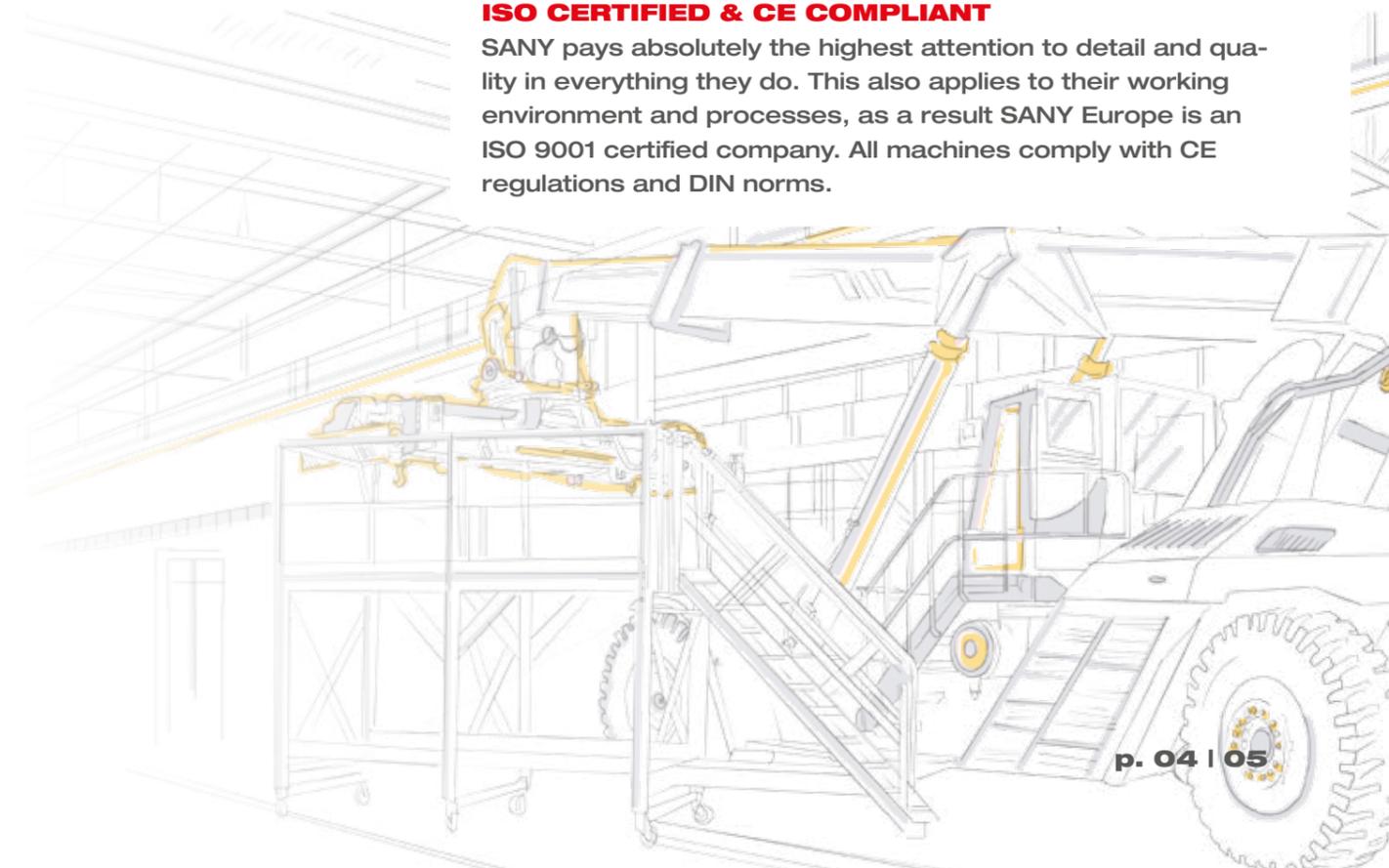
The mobile port equipment production facility in SANY was built in 2011 and adopts the very latest technology and machine assembly techniques and is arguably the most modern of its type in the market today. The components are sourced from premium European brands or manufactured by SANY themselves. Consequently, customers will benefit from shorter lead times and high quality equipment.

**R&D DEPARTMENT IN GERMANY**

Such is SANY's commitment to continual improvement, 5-7% of the annual turnover is re-invested each year into research and development. An integral part of this is SANY Europe's dedicated prototype department where they convert ideas from paper into reality and ensure that every new development has been fully tested and validated before being introduced to the production process.

**ISO CERTIFIED & CE COMPLIANT**

SANY pays absolutely the highest attention to detail and quality in everything they do. This also applies to their working environment and processes, as a result SANY Europe is an ISO 9001 certified company. All machines comply with CE regulations and DIN norms.



# PREMIUM COMES AS STANDARD.

## CABIN ENVIRONMENT

The operator's cabin is designed to facilitate the driver's natural range of movement. Frameless windows provide the operator with an unsurpassed and unrestricted view around his working environment. The sliding function enables the driver to find the most appropriate position for the handling job in-hand.

## NOISE LEVEL

The sound insulation exceeds the highest industry standards providing a comfortable working environment and resulting in lower operator fatigue.

## ERGONOMICS

The Grammer seat is fully adjustable and is available with air suspension. The steering wheel can be adjusted in two planes, so the operator can find one of any number of positions for complete comfort.

## LIGHTNING SYSTEM

Visibility = safety! With 18 LED lights mounted as standard, SANY offers the best visibility throughout all environments - day and night.



**OPTIMIZED CABIN**  
comfortable operation environment.



**HEAD UP DISPLAY**  
at the top of the front window.



## REAR VIEW CAMERA

SANY Europe does look back! A rear-facing camera is automatically activated when the reverse gear is engaged and the display in the control panel provides an unrestricted view ensuring safe driving in all directions, most prevalent in busy or restricted-space environments.

## TAILORING YOUR NEEDS

SANY Europe recognizes the importance of habit and offers a variety of individual joystick configurations that meet the expectation for comfort and familiarity for every user.



# NO COMPROMISE ON SAFETY.



**SURROUND VIEW SYSTEM**  
360° visibility.

**REDUNDANT ANTITIPPING**

When the operating load moment of weight and distance reaches 100%, the electrical system will lock the boom and spreader preventing further worsening of the condition and will trigger an audible and visual alarm. A hook located below the counterweight will lock the axle adding more weight to stabilize the machine. The system also restricts the travel speed thus minimizing the risk of tipping as a result of excessive speed.

**SURROUND VISIBILITY SYSTEM**

Precision and safety are increased with the camera system that is installed around the perimeter of the Reach Stacker. Using an additional display in the control board, the operator has a clear view of his/her surroundings, 360 degrees.

**PIGGY BACK CAMERA SYSTEM**

Additional cameras are located on each side of the piggyback and provide an unparalleled view of this most important function thus increasing both equipment productivity and safety.

**AUTOMATIC PARKING BRAKE WITH EASY RELEASE**

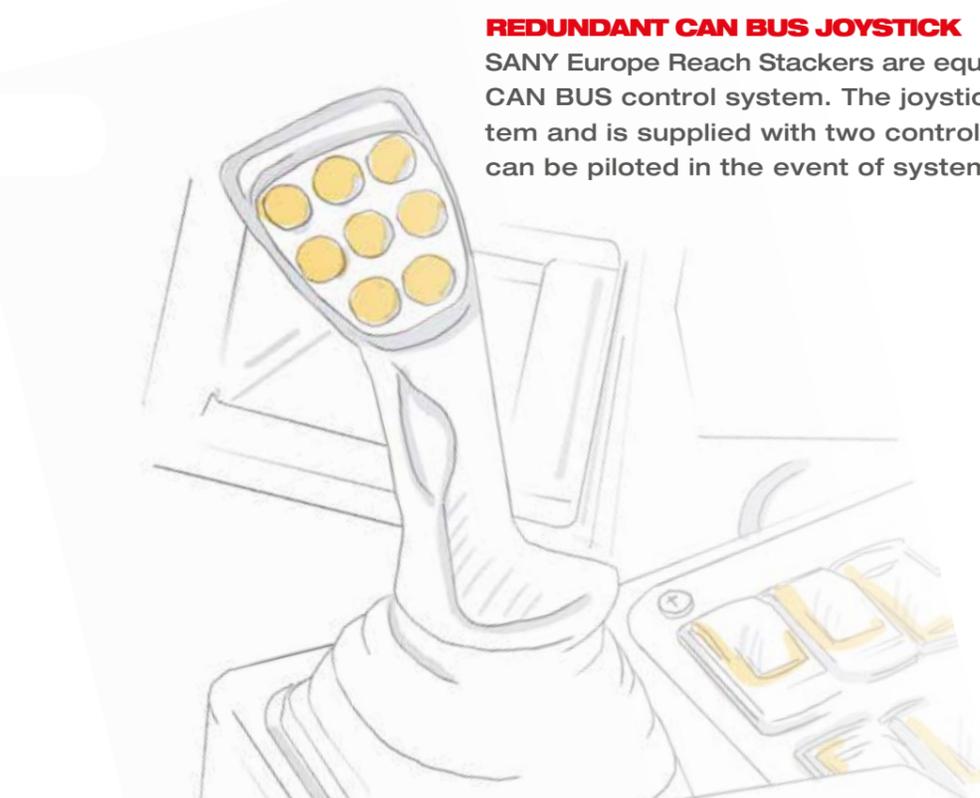
SANY has developed a parking brake system that provides the ultimate safety. The brake will automatically activate whenever the driver stands up with the machine in motion. An auxiliary manual pump releases the brake for maintenance purposes.

**REDUNDANT CAN BUS JOYSTICK**

SANY Europe Reach Stackers are equipped with a fully redundant CAN BUS control system. The joystick is included within this system and is supplied with two control units to ensure the machine can be piloted in the event of system failure.



**CAN BUS SYSTEM**  
with 2 control units.





## EASY MAINTENANCE.

### REDUNDANT CAN BUS

FULL CAN BUS system with 4 separate CAN BUS interfaces for the most secure data transfer. All main working parameters including tyre pressures can be viewed on the main display providing full machine control.

### OUTSIDE MONITOR / DISPLAY

Small external display showing fuel level, twist lock count and operating hours.

### SEPARATED HYDRAULICS / BRAKE OIL SYSTEM

Two different circuits are used for the hydraulic oil and the brake oil. External indicators on both systems permit easy daily checks of the oil levels.

### RADIATORS, OVERSIZED COOLING SYSTEM

The Tier 4 machines benefit from a new radiator configuration that employs oversized components for better efficiency and ease of maintenance.

### MONITORING SYSTEM / DATA TRANSFER

The machine can be equipped with a Driver identification system with remote control which emits its position every 30 seconds. All the data the system generates is stored for a month - both at the SANY service station and in the black box of the machine. Easy and quick full diagnostic and remote support are available via Software through the main display.

## CLEAN TECHNOLOGY.

### LOAD SENSING

Load sensing hydraulics. The system provides the exact quantity of power for each operator demand. 2 double variable displacement pumps reduce fuel consumption with 1 load sensing proportional distributor.

### ECO MODE

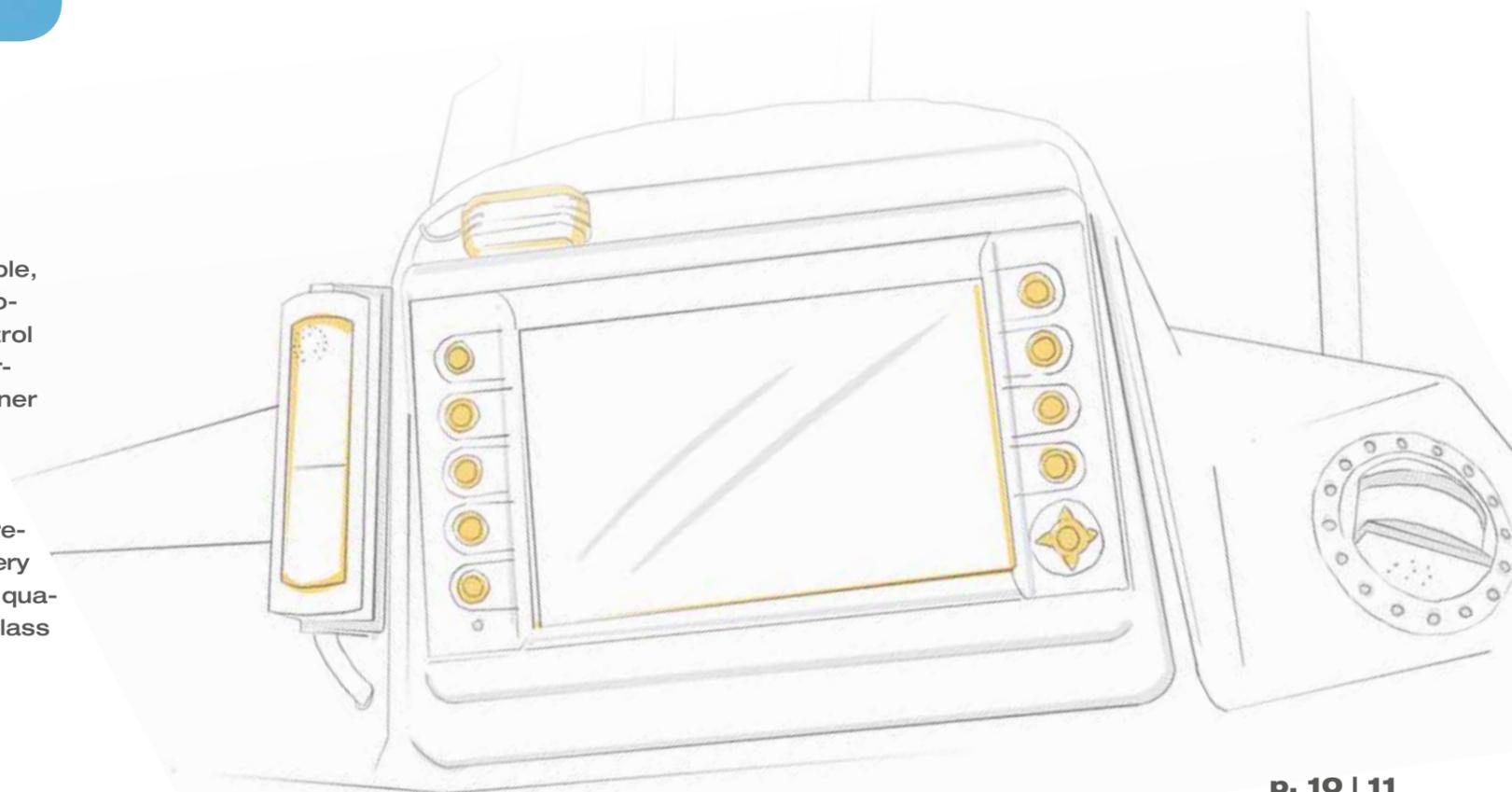
Eco-mode is controlled by dedicated software. This controls the engine speed and finds the most appropriate speed for optimal fuel consumption.

### TIER 4

The new Volvo Tier 4 engine is now available, and fully complies with the very latest European legislation. The fully Electric EFI Control System allows for increased engine performance, better fuel efficiency, and yet cleaner emission control.

### PAINTING

In order to fulfill international requirements regarding corrosion protection of port machinery products, SANY Europe applies the highest quality paint to achieve corrosion protection class C5-M according to DIN EN 12944-4.



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Spareparts

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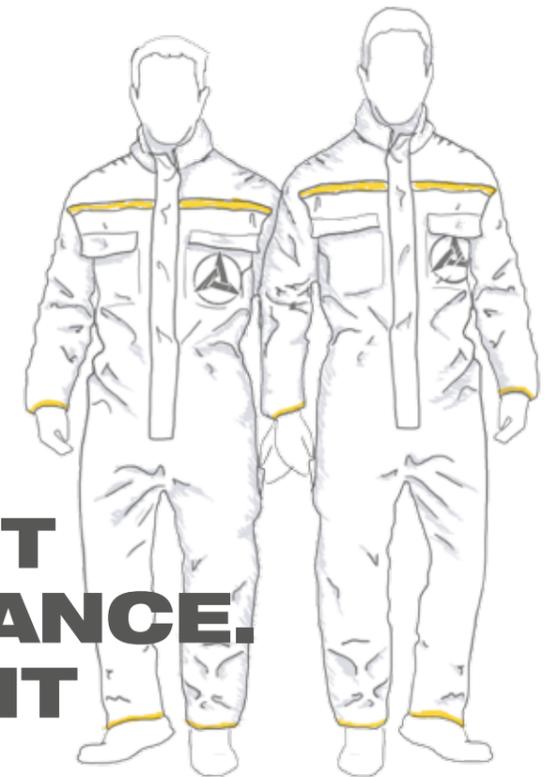
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# YOUR VALUE IS OUR COMMITMENT.

## VALUE PLUS

SANY offers customized services and products to fulfill highest demands. We understand value as our commitment to you which we aim to reflect in everything we do.

- European R&D
- First Class After Sales Support
- Best return on investment
- Fast and customized solutions
- Premium distribution network
- Selected and market proven components
- Continuous improvement and development
- Quality driven production processes
- Manufacturing expertise
- Deep Industry knowledge
- Commitment to environmentally friendly and safe solutions



# EXCELLENT PERFORMANCE. EXCELLENT SUPPORT.

The purchase of your SANY Reach Stacker is just the beginning of a close relationship with SANY and its authorized dealers. SANY Europe understands the importance of an excellent After Sales Support to the customer, the organization is committed to minimize down-time and maximize the value of the products. SANY Europe's dealers are carefully selected and trained to provide the best Aftersales service in the container handling machinery sector. Their service teams are there to support you, anytime, anywhere your SANY equipment is working. SANY Europe is backing up all service partners with a huge parts inventory in Germany, ensuring parts availability and short lead times. Employing most modern communication and administration systems, SANY allows an easy approach to address any request our customers have. SANY provides space for individual solutions and strives to grow with its customers' businesses.

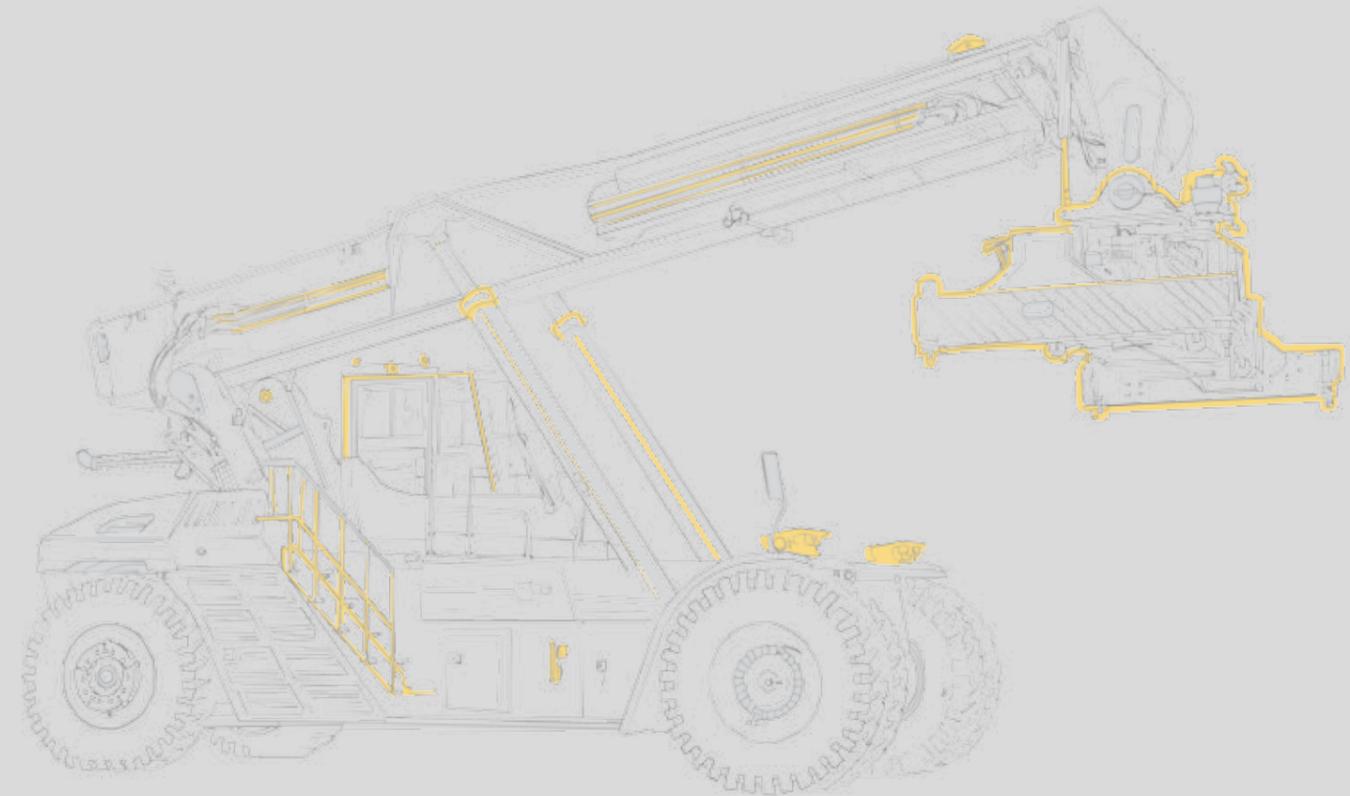


## STANDARD CONFIGURATION.

- Volvo TAD 952 VE Euro III / TAD 1171 VE Euro IV
- Dana Clark gearbox 15.5 HR 36000
- Drive Axle Kessler D 102 PL 341
- ELME Spreader mod. 817 top lift
- Hydraulic sliding cabin
- LED Light system : 18 LED Lights + brake/indicators/reverse lights
- Rotating amber beacon
- Rear camera
- Full CAN BUS system for data transfer
- CAN BUS diagnostic for main components
- Head up Display
- Radio pre-arrangement
- Latest IFM screen with High Resolution Display
- Filter status indicator
- Redundant CAN BUS Joystick for failproof movements control
- Grammer Seat
- Buddy seat with seat belt
- 2 liters fire extinguisher
- Air conditioning
- Sun curtain on roof window
- Load sensing hydraulics
- 2 double variable displacement pumps
- 1 load sensing proportional distributor
- 3 main filters for brakes and drive axle

## DIFFERENT CONFIGURATIONS MAIN OPTIONS.

- Extendable counterweight for additional capacity
- Integrated Piggy Back Spreader Elme mod. 857
- Overheight folding legs Spreader ELME mod. 817-MPS/OFL
- Automatic Fire suppression system for the engine compartment
- 30' stop on spreader
- Integrated Surround system
- Rear parking sensors
- Air suspended Grammer seat with lumbar support and heating system
- Additional cabin heater
- Winter package for cold climate
- Central greasing system Lincoln or Groeneveld
- Blaupunkt radio system with CD player - Bluetooth - SD Card Reader - MP3
- Piggy back camera system
- Outside monitor / display
- Customized painting



## SANY REACH STACKER SRSC4531G SRSC4533G SRSC4535G

**QUALITY CHANGES THE WORLD**

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Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

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**SANY**