

HIGHLIGHTS **STH742**

QUALITY REALLY DOES CHANGE THE WORLD

SANY's telehandler range is designed to meet the exact needs of agricultural industry. Coming will be a wide range of different styles and sizes, SANY's versatile telehandler offers you all the safety, durability, versatility and low cost of ownership that you need to compete in today's agriculture market.



SAFE AND SECURE

SANY telehandlers incorporate many safety features to keep the operator and co-workers safe, reversing camera and pulse radar fitted as standard, seat sensor ensures operators are seated before drive is engaged, all fitted with a precise weighing system so capacity can be monitored.

COST OF OWNERSHIP

SANY telehandler aren't just efficient to use – it's hugely efficient to own and operate too. We've designed these machines to give you the maximum possible return on your investment, with great fuel efficiency and low running costs all part of the package.

DURABLE COMPONENTS

Designed and tested to high quality, our tough boom is mounted deep in the fully welded chassis. All our booms are tested with a boom rig that operates the boom to full lift height and full extension loaded to endure 400,000 cycles.

A PRODUCTIVE MACHINE

For ergonomic, fast and precise control all SANY telehandlers are fitted with full proportional joystick. Coupled with our load sensing hydraulic system, which proportionally splits flow to different services, means the boom can be lifted and extended simultaneously.

COMFORT AND EASE OF USE

Our cabin has been designed in Germany for the Russian market, knowing that when your cabins your office comfort is key. Designed for maximum all-round visibility and comfort with controls well placed and storage a plenty.

SERVICABILITY

Firstly you want your SANY telehandler to spend as much time as possible at work, not being worked on. SANY recognises this and our telehandlers have long service intervals; and when maintenance is required, you'll find our machines are easy and quick to service.

TECHNICAL HIGHLIGHTS

Engine	Deutz
Lift cycle time	8 sec
Max. torque	380 Nm/1,600 rpm
Max. lift capacity	4,200 kg
Storage battery (under cabin) capacity	120 Amp/h
Max. speed	40 km/h
Display screen size	10 inch

- Fan turnover
- Crabwalk
- Anti-rollover system



Not all products are available in all markets. As part of our continuous improvement process, we reserve the right to modify specifications and designs without giving prior notice. The figures may contain additional options.

SANY

Quality Changes the World

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TOP PROPERTIES

USER EXPERIENCE

AMPLE SPACE FOR AMPLE COMFORT

The cab has been designed in Germany and is a highlight for any driver. It provides maximum comfort for pleasant working through numerous standard features. These include, for example, the 10-inch touchscreen display with encoder control, with intuitive user navigation which allows quick access to all relevant vehicle data. The document pocket on the dashboard and the armrest with integrated USB connector for your telephone, a cup holder and Bluetooth connection are equally practical. Also included as standard – the inclinable and telescopic steering column, which allows any driver to make comfortable adjustments to find the perfect operating position.



EASE OF MAINTENANCE

Maintenance made quick and easy

All daily checks and maintenance work can be performed from the ground. The filters for engine oil, hydraulic oil and fuel are fitted centrally and the air filter is also easily accessible from the engine compartment. The engine cover can be easily opened with the gas-powered cylinder and allows the engine to be accessed comfortably from three sides. Making work even easier – the battery can be easily reached at any time via an upwards-folding step under the cab.



ENGINE

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Model	BF4M2012-10T3R/5 (73.5KW)
Brand	Deutz
Exhaust emissions	Stage
Rated power	73.5 KW / 2,200 rpm
Max. torque	380 N/m / 1,600 rpm
Bore	101 mm
Stroke	126 mm

COMPONENTS

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Axles F/R	Carraro/Carraro
Hydraulic pump	Hengli plunger pump
Hydraulic manifold	Walvoil

TRANSMISSION

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Transmission type	Hydrostatic
Number of gears	2 forward 2 reverse
Max. travel speed	40 km/h

BRAKING

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Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs braking on front & rear axle

HYDRAULIC SYSTEM

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Hydraulic pump type	Variable Displacement pump
System pressure	300 bar
Hydraulic flow	98 l/min

SERVICE REFILL CAPACITIES

Fuel tank	150 l
Coolant	3.5 l

DIMENSIONS

Length to front of carriage	4,990 mm
Overall width (over tyres)	2,350 mm
Height over cab without beacon	2,540 mm
Height over cab with beacon	2,710 mm
Wheelbase	2,750 mm
Overall cabin width	950 mm
Ground clearance	400 mm
Overall width stabilisers fully deployed	/
Turning radius over tyres	3,600 mm
Weight	8,300 kg

TYRES

Type/size	460/70 R24
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SUMMARY INFO

Max lift capacity	4,200 kg
Lift capacity to full height	2,500 kg
Lift capacity at max reach	1,600 kg
Lift height	7,000 mm
Max forward reach	3,940 mm
Lift height with max capacity	6000 mm
Max reach with 1000kg	3800 mm
Stabilisers	NO
Carriage rotation (crowd/dump)	42/37 degrees

BOOM PARAMETERS

STH742

Boom (raise/lower)	8/6 sec
Boom (extend/retract)	6.5/4.5 sec

POINT LOADS

Machine loaded with models maximum capacity

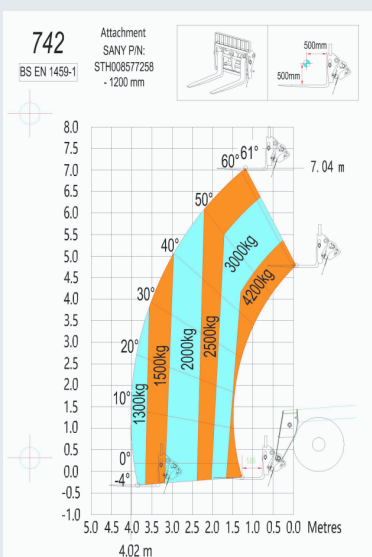
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Load per front tyre	5,400 kg
Load per rear tyre	600 kg
Load per stabiliser	/

Machine unloaded with boom horizontal travel position

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Load per front tyre	1,900 kg
Load per rear tyre	1,955 kg



A SERVICE YOU CAN RELY ON



SANY – flexible, fast and always there for you

Rapid assistance, tailored advice and a reliable supply of original parts – that is what we mean by a premium service.



The added benefits SANY offers you:

- + Fast supply thanks to the central warehouse near Cologne
- + More than 15,000 spare parts to make your machine highly reliable
- + Expert knowledge for optimal supply for your machine
- + Thanks to SANY's special training programme, our dealers are always kept up-to-date so that they can face all technical challenges.

Maintenance and servicing are essential for the efficiency, cost-effectiveness and safety of every machine. You can count on the support of your SANY dealer, our expertise in heavy-duty vehicles, SANY's high quality standards and quick spare parts availability. This gives you the certainty that your telehandler will always be quickly ready for use again, even after unplanned downtime.

Detailed information in black and white

Handbooks and documents are available for all SANY telehandlers, and these can help you with operation, maintenance, servicing and repairs. These include operating and maintenance instructions and technical specifications.