

505TS

TRACK SCISSOR



- » Up to 10,5 m working height.
- » Double extension deck, featuring a 6 meter long deck with both deck extended.
- » One touch easy levelling capabilities, side - side / fore - aft.
- » The Dual track propulsion accommodate to drive at the most harsh an extreme rough terrain conditions.
- » 90 degrees rotation provides a unique up & over clearance feature.
- » Powered by an Industrial KUBOTA Engine V1505-e4B, complies with Global standards.

Standard **features**

- » Up to 10,5 m working height
- » Auto and manual levelling -
on each axis correction capability
- » Two roll-out extension deck, providing a deck
length of 6 meter
- » Fully proportional Drive, Lift and Rotation control.
- » Featuring a 90° hydraulic rotation of scissor stack
together with platform
- » Easy maintenance access to mechanical, electrical and
diesel components without raising platform or swinging
out trays
- » CE compliant / CSA compliant / ANSI compliant
- » Complies to global Emission standards
- » On-Board diagnostic display system
- » Integrated maintenance interval warning.
- » Fuel tank level active monitoring, prevents empty tank
scenario.

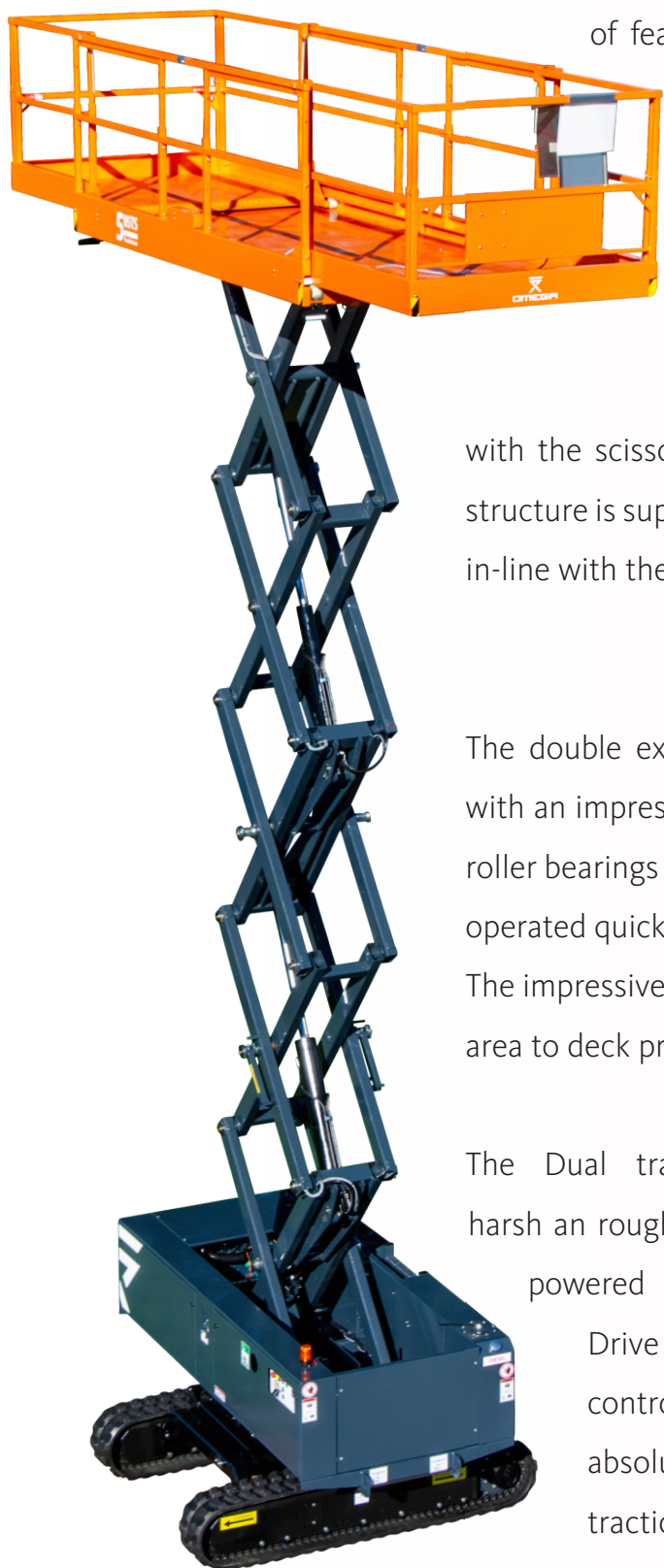
505TS Track scissor

	505TS
Lifting capacity	500 kg
Max load on extension decks	250 kg
Max allowed drive height	4 m
Allowed inclination	3 degrees
Max drive speed - stowed	2 km/h
Max drive speed - elevated	0,6 km/h
Allowed wind speed	12,5 m/s
Max allowed occupant	2 people
Max allowed occupant extension deck(s)	2 people
Weight	4.900 kg
Level capabilities Side / Side	5 degrees
Level capabilities Fore / Aft	3 degrees

The OMEGA 505TS Meets or exceeds the requirements of ANSI A92.5-2006 ,CSA B354.4.02, the requirements of the European Council Directive 2006/42/EC on machinery, and the EN280.



Versatile Compact **Track Driven Scissor Lift**



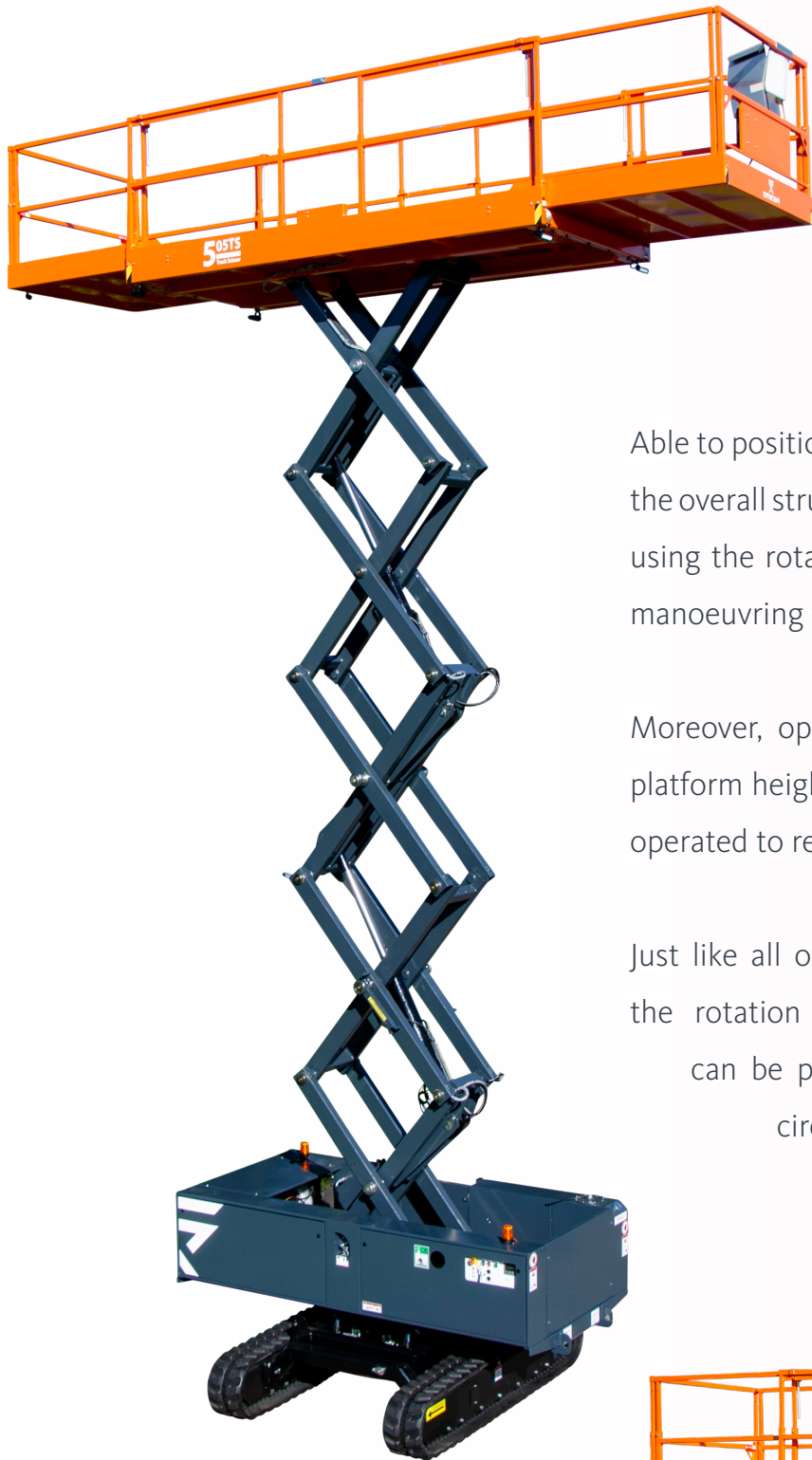
The OMEGA 505TS offers a versatile and high quality package of features, a blend of the typical high Standard OMEGA track driven scissor lift range.

Even with the compact dimensions the 505TS entails, it is default equipped with the unique rotation feature. This feature provides a 90 degrees rotation of the upper section together with the scissor stack and the platform. The stiffness of the upper structure is supreme, no matter if the upper section is rotated or if it is in-line with the tracks.

The double extension decks provides a spacious working platform with an impressive maximum length of 6 meters. Due the high grade roller bearings together with an innovative design, the roll-out deck is operated quickly, extend or retract the roll-out deck is done smoothly. The impressive 500 kg lifting capacity together with the large working area to deck provides, the 505TS offers a versatile working platform.

The Dual track drive accommodate to drive at the most harsh an rough terrain conditions. Each track is individual hydraulic powered by custom designed close-loop 21CC piston pump. Drive is intuitively operated by two proportional joystick controllers on the remote control. The combination of absolute precision, effortless handling and convincing traction ensures maximum driving performances.

Upper Section **Rotation Feature**



90 DEGREES ROTATION

Up & over reach is one of the many advantages the Rotation feature provides. The outreach that is created being fully rotated and deck full extended is second to none.

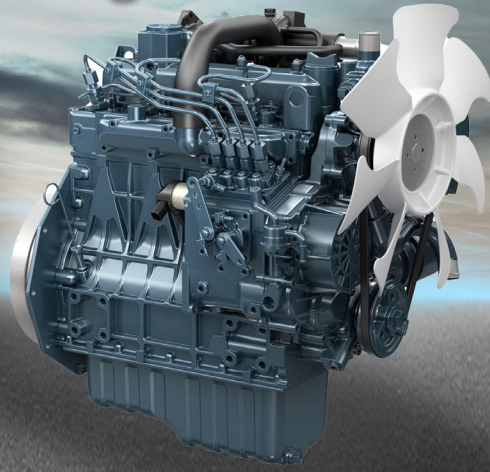
Able to position the platform in alignment to the facade or the overall structure at the work site is achieved effortlessly using the rotation function. No need for excessive drive manoeuvring to reach the correct platform position.

Moreover, operating the rotation is not limited to any platform height; at any given position the rotation can be operated to reach the ideal working position.

Just like all other main moving functions on the 505TS, the rotation is proportional controlled, and as such can be punctilious operated at the most narrowed circumstances.



Power source **Diesel Engine**



The OMEGA 505TS is driven by a KUBOTA Diesel Engine V1505-E4B. This engine meets the requirements of each EPA Tier. As such, we are able to provide our customers worldwide with certified for the appropriate emissions regulations.

DUAL TRACK DRIVE

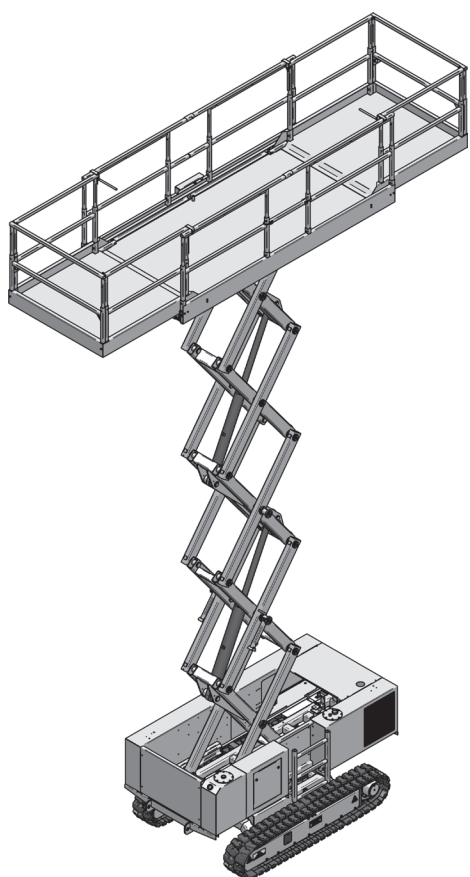
The track based drive propulsion system of the 505TS guarantees maximum traction and dynamic performance. The Dual track drive accommodate to drive at harsh and rough terrain conditions. Each track is individual hydraulic powered by custom designed close-loop 21CC piston pump.

NON COMPROMISES TAKEN IN THE DESIGN FOR CREATING EXCEPTIONAL ROUGH TERRAIN CAPABILITIES.

The combination of absolute precision, effortless handling and convincing traction ensures maximum driving performances.



505TS Dimensions



505TS

Transport dimensions

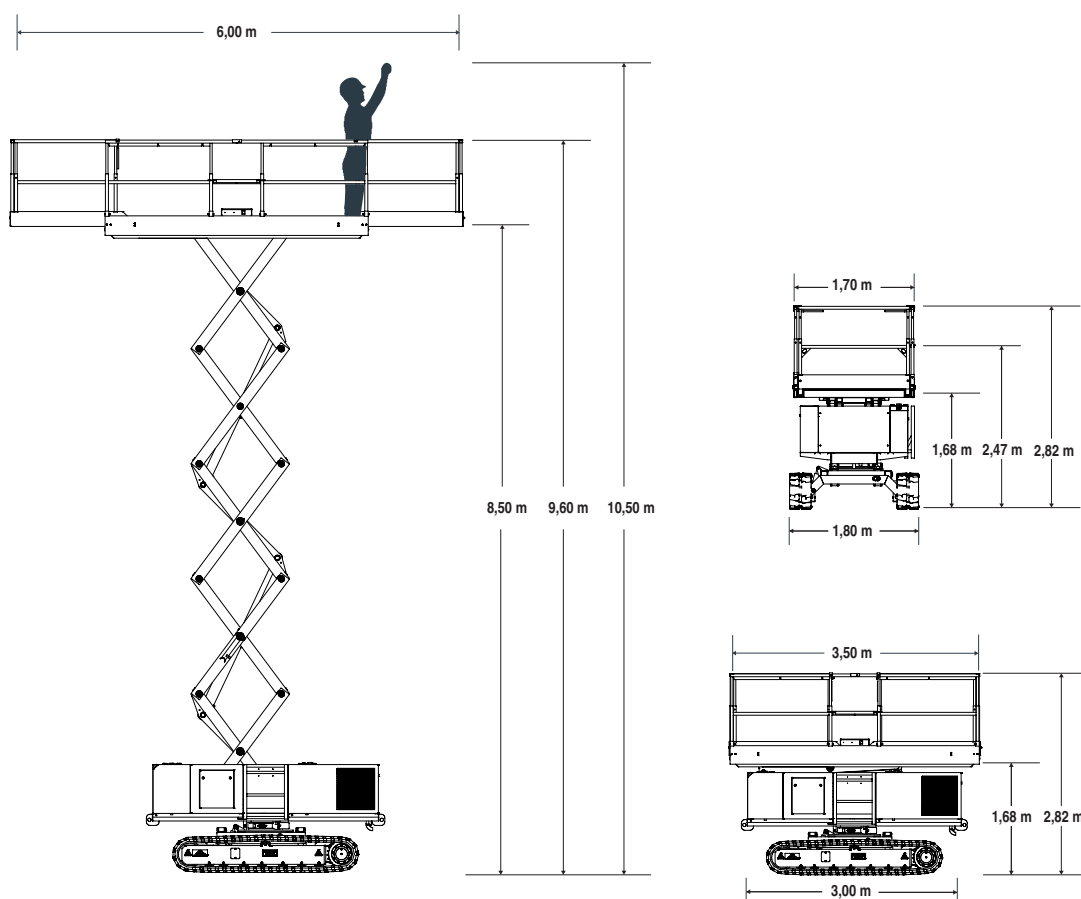
Stowed length	3,50 m
Stowed height - guardrails up	2,82 m
Stowed height - guardrails lowered	2,47 m
Stowed height - guardrails removed	1,95 m
Stowed width	1,80 m

Heights

Min platform height	1,68 m
Max platform height	8,50 m
Max working height	10,50 m
Ground clearance height	0,37 m
Guardrails height	1,10 m

Widths & Lengths

Track width	0,30 m
Track length	2,50 m
Chassis length	3,00 m
Ground clearance width	1,20 m



Options and **Features**

Integrated AC power source **Socket at platform**



An AC power source together with an AC outlet socket at fixed location mounted at the platform is optional available. A variety of AC Voltages and power ratings can be chosen from. Among 110Vac, 230Vac, and power rating starting at 1,5 kW.

AC outlet sockets are waterproof and situated in re-enforced key-locations.

Operator Interface **Default hard-wired upper control box**



A heavy durable, fibreglass reinforced, water sealed control box. Thanks to the light weight aluminium bracket system, the control box can be mounted LEFT, RIGHT or CENTRE, and on any guardrail. Facilitating true visibility when operating in tight areas. Military type toggle switches with rubber protection boots. Easy to operate twin set-up joystick control for proportional lifting and operating the drive tracks.

Operator Interface **Optional Wireless remote control**



A light weight compact remote controller provides the main interface for the operator. The Display together with the LED bars on the remote control projects all information relevant for the safe and ergonomic use of the platform. Such as inclination, Fuel level, safety warning and many more. The Joystick controllers on the remote provides a full distinctive control of all motions of the machine.

Rubber tracks **Optional Non-marking**



Optional the rubber tracks can be supplied as Non-marking White rubber tracks.

With Non-marking tracks no black shading appears on concrete or any surface the machine is operated on.

Visibility **Optional working lights (4x)**



At all four corners a strong illuminated LED beamer is optional offered. Featuring a clear overall view of the surrounding area and working spot. These working light can be easily switched On and Off by a designated toggle switch at the upper or remote control box.

Distributed By:



OMEGA SOLUTIONS BV

Leemidden 21

2678 ME De Lier

The Netherlands

+31 174 52 59 90

group@omegagroup.eu

WWW.OMEGASOLUTIONS.BIZ