

ZÜRN

H A R V E S T I N G



ZÜRN 550



High-Clearance Multi-Function Tool Carrier

Zürn Field Research Technology

A genuine all-rounder.

The flexible high-clearance tool carrier for all crop cultivation tasks.

Thanks to its flexible mounting options, the ZÜRN 550 high-clearance tool carrier is a genuine all-rounder in all cultivation tasks. But the ZÜRN 550 is more than just a high-performance plot divider. The tool carrier also reveals its strengths when spraying crop protection products and spreading fertilizers or as a mounting platform for sensor systems. The versatility of this tool carrier makes it suitable for a wide range of tasks throughout the year. This ensures an optimal capacity utilization and economical operation of the machine.

- high-clearance tool carrier vehicle with 3 flexible mounting areas at front, rear and inter-axle locations.
- Very large ground clearance of up to 1,600 mm for operating in high crops and simple track width adjustment to suit the trial layout.
- Hydrostatic 4-wheel drive and large tyres (up to 140 cm diam. at the front, up to 95 cm diam. at the rear) for high traction and reduced pressure on the ground in all operating conditions.
- Spacious cab provides a comfortable working environment and a high level of safety at work.
- High-performance engine and use of tried and tested ZÜRN 150 components for easy and fast spare parts access.
- Zürn attachments for plot cultivation: Plot divider unit with long, non-damaging torpedoes; pneumatic plot fertilizer spreader with distributor arms.

Technical details

- Customized equipment with 3-point attachments in front and rear locations; 2 hydraulic power take-off shafts for equipment mounted in the front and rear, 2 double-acting auxiliary hydraulic connections
- Hydraulic track width adjustment available as an optional extra (adjustment range 150 to 200 cm)
- 4 cylinder Yanmar / John Deere water-cooled diesel engine: 50 kW (68 hp) output, 3.3-litre displacement, torque 245 Nm; EPA Tier4 / EU Stage IIIB
- Permanent 4-wheel drive with differential lock, stepless driving speed variation (0 - 20 km/h), 3 speed ranges that can be shifted under load
- Linear swing axle with parallelogram suspension mounting, height adjustment and hydraulic suspension; adjustment to the slope of the terrain via the rear axle, no track offset on the front attachment
- Various tyre options possible (up to 140 cm diam. at the front, up to 95 cm diam. at the rear)
- Cab with air-conditioning, heating and working lights



Dividing. Fertilizing. Spraying.

Versatile functions ensure convenient and efficient operation.



▼ The ZÜRN 550 is more than just a self-propelled plot divider. With three easily accessible attachment areas this high-clearance tool carrier is extremely flexible and soon proves to be a really good investment, thanks to the fact that it can be used all year round.

▼ The ZÜRN 610 plot divider is extraordinarily gentle on the crop when it is in operation. The long, shallow-sloping torpedoes of the front attachment are hydraulically powered. The working width of the plot divider is automatically adjusted via the track width adjustment. Mounting the horizontal double knife transforms the attachment into a swath mower within minutes.

► The comfortable working environment in the spacious cab features clearly laid-out and ergonomic controls, including a multi-function joystick. From his air-sprung seat the driver has a clear view on all the front attachments.



◀ When fitted to the rear of the tool carrier, the ZÜRN D55 fertilizer spreader can also be used for high crops.

► Due to the independent, parallelogram-type rear axle suspension the front attachment is always operated offset-free. Furthermore the linear swing axle allows the machine and its attachments to adjust perfectly to the slope of the terrain.



*Zürn Field Research Technology:
developed by practical engineers.*

*Made in Germany - for professional
agricultural research.*



Supporting field research all over the world

Your reliable partner for field research technology.



◀ In 1963 an invention by Dr. Hans-Ulrich Hege revolutionized the world of agricultural field research. The first viable plot combine to ensure seed purity left Hohebuch and conquered every continent. Even today, the Hege System is found again in the equally powerful and reliable plot combine ZÜRN 150, developed further and equipped with all technical possibilities of today. 50 years on from the first Hege unit Zürn is again developing and manufacturing machines at this historical site. So the Hohebuch estate continues to be a reliable partner for research technicians all over the world.



▲ We offer a complete range of products and services for agricultural field research. We at Zürn all work hard and are dedicated to make these products even better and more tailored to your specific needs.

▶ Your demand on service and quality are our everyday benchmark and challenge. Trust in a real partnership with us and benefit from over 125 years of experience in agribusiness and our passion for agricultural machinery.



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