

# ZÜRN

HARVESTING



# ZÜRN 150



## Plot Combine Harvester

Zürn Field Research Technology

# The ZÜRN 150

Your plot combine harvester for the most accurate trial results.

The universal plot combine harvester ZÜRN 150 is a reliable and well-proven machine. Despite its compact design the ZÜRN 150 convinces with its harvest performance even at highest plot yields.

The comprehensive range of additional components enables the best possible adaption of the plot combine harvester to different tasks.

Every machine is customized for your individual needs. Select your configuration: from the cutting width, the cabin equipment to the grain handling and storage of samples.

Our different weighing systems are available as option and offer customized solutions for plot weight, test weight, moisture analyzing and NIRS. The harvesting data system (plot management) records valuable data next to harvesting the plot.

## Your Zürn benefits at a glance

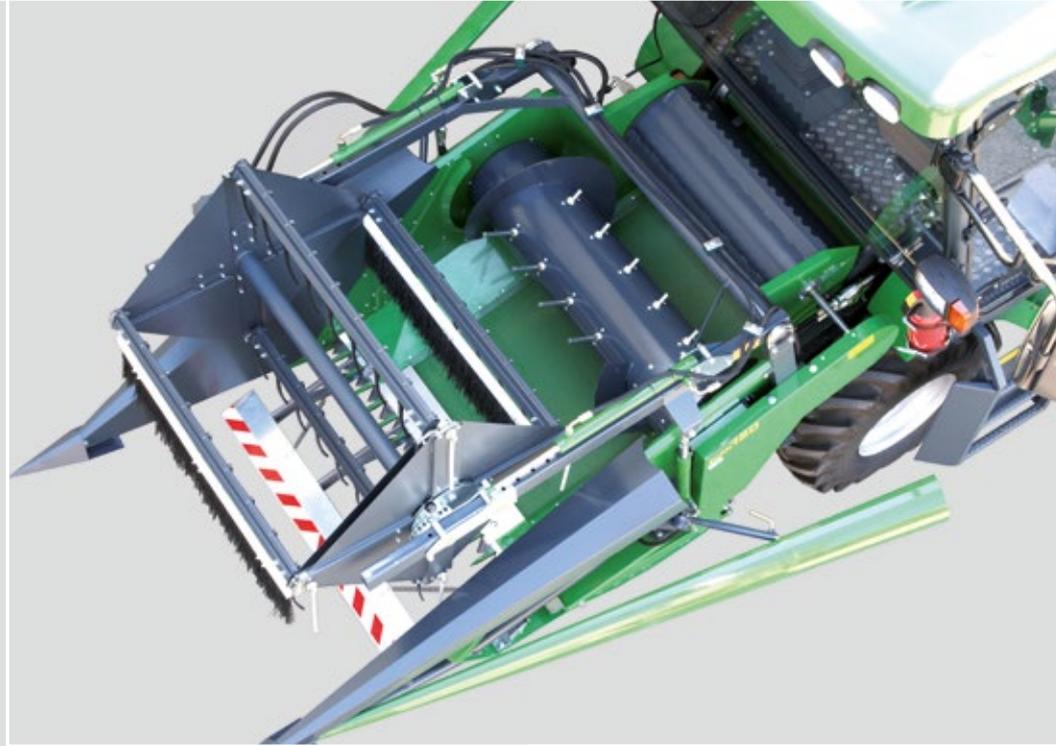
- Universal plot combine harvester in a compact design
- Enormously powerful and reliable, even in high yielding crops - fast cleanout at the end of the plot
- High purity of crop for a mixfree harvest of plots and minimal grain losses
- Proven and reliable functionality - based on the long term Hege experience - Made in Germany
- Customized for your individual needs - designed and produced in Germany
- Easy maintenance and fast service due to worldwide available John Deere parts and components

## Hege System



# The universal plot combine harvester

High-engineered quality for peak performances.



◀ The grain header with conveyor belt, intake auger and feeding roller ensures a perfect crop flow into the threshing system. The pneumatic clean out system of the header assures a mix free plot harvest.

▼ The surface shaker with 3 steps offers a large separation surface. The double sieve system with upper and lower sieve ensures high purity of the crop.

▶ The comfortable working place in the spacious cab provides clearly and ergonomically arranged control elements, including a multifunction lever.



◀ Different weighing systems offer customized solutions for collecting plot weight, plot moisture, test weight and NIRS. Harvest Master also available.

▶ The bagging and sampling system offers various functions of taking representative and defined samples and dust-free bagging in- and outside the cab.



# ZÜRN 150 plot combine harvester

Specifications for a reliable plot harvest.

## Header

Cutting table with conveyor belt and air cleaning system for mix-free plot harvest. Hydraulic knife drive, intake auger, feeding roller, 4-bat reel.

Cutting widths:  
1.25 / 1.50 / 1.75 / 2.00 m

## Sampling and bagging system

Combination of representative and defined sampling with additional bagging functions in and outside the cabine, dust extraction

## Weighing system

Pre-hopper, weighing hopper, collecting hopper with sample adjustment; ready for plot weight, test weight, moisture and NIRS analysis; plot management system (Schlingmann, HarvestMaster)

## Grain tank and grain transport

Volume: 600 / 800 / 1.100 liters, overloading height up to 3.60 m

Double injection sluice, pneumatic grain conveyor system



## Drive

Hydrostatic direct drive with continously variable adjustment, 2 speed ranges

## Threshing system

Threshing drum:  $\varnothing$  350 mm, width: 780 mm, 6 beater bars. Concave: 10 beater bars, angle of contact  $118^\circ$ , separation surface  $0.31 \text{ m}^2$ , 4 de-awner bars. Straw beater drum.

## Shaker

Surface shaker:  $1.8 \text{ m}^2$ , 3 steps

## Cleaning

Double-sieve system (top sieve: adjustable lamella sieve; bottom sieve: different round hole sieves), total sieve area:  $2.0 \text{ m}^2$

## Dimensions

Lenght: 5,100 mm (w/o dividers)  
Width: from 1,300 mm  
Height: with cabin from 2,850 mm  
Weight: from 2.350 kg

## Engine

4 cyl. Yanmar / John Deere water-cooled Diesel engine: 50 kW (68 hp) output, 3.3-litre displacement, torque 245 Nm; EPA Tier4 / EU Stage IIIB

# Globally proven

Get more out of your plots!



◀ The ZÜRN 150 has proven itself in tough conditions: Zürn plot combine harvester are operating worldwide. Our qualified service team guarantees a fast and high-quality customer service - all over the world.

▼ Customized for your individual needs: numerous different setups are available for the weighing system, sampling system and sample storage system.



◀ „It was a delight for myself and research technicians to operate. I would highly recommend this research combine and the after sales service of Zürn to anyone looking for a research combine“

Dr. Bill Hamman, Hamman AG Research Inc., Lethbridge, Alberta, USA.



*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.



## Zürn Harvesting GmbH & Co KG

Head office · Kapellenstr. 1 · 74214 Schöntal-Westernhausen · Germany  
Tel.: +49 (0) 7943 9105-0 · Fax: +49 (0) 7943 9105-33

Field research technology · Domäne Hohebuch Nr. 5 · 74638 Waldenburg  
Tel.: +49 (0) 7942 94736-0 · Fax: +49 (0) 7942 94736-10

info@zuern.de · www.zuern.de

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