

Einböck

**When hoeing
is joy!**

FRONT TANK JUMBO-STREAM

FRONT TANK FOR LIQUIDS FOR HOEING AND BAND SPRAYING
OR FERTILIZING IN ONE OPERATION



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FRONT TANK FOR LIQUIDS JUMBO-STREAM



LIQUID. COMBINABLE. EFFICIENT.

FRONT TANK FOR LIQUIDS JUMBO-STREAM

The JUMBO-STREAM front tank for liquids offers efficient solutions for combined weed management. The new front tank enables efficient mechanical weed control in combination with the proven CHOPSTAR hoeing equipment, i.e. hoeing and band spraying in one operation.

The camera-controlled ROW-GUARD does not only allow for a precise guidance of hoeing elements between rows, but also the nozzles are accurately guided above the row of plants to be treated. As a result, most of the weed control is done with the row-crop cultivator and only a very small area is treated chemically. These tailor-made solutions for liquid application can thus be used to efficiently combine work sequences, reduce application amounts and consequently increase the effectiveness of weed control. Efficient fertilization can be successfully done with the JUMBO-STREAM. Fertilizer can be brought directly to the plant supplying the crop with the appropriate nutrients when combined with a CHOPSTAR row-crop cultivator.



Model	JUMBO-STREAM 1100
Tank capacity (l)	1100
Tare weight	220 kg / 485 lbs
Handling	Electronic (ISOBUS)
Clean water tank (l)	2x65
Front linkage	Kat. II
Pump capacity (l/min)	200
Level indicator	Electronic

STANDARD EQUIPMENT

- ✓ Front tank 1100 litres tank capacity (max. 1300 litres) | Mounting category II
- ✓ Hydr. driven piston-diaphragm pump
- ✓ Electric control via ISOBUS (Front-Isobus plug, ISOBUS-cabeling, ISOBUS-monitor, as well as SECTION-control need to be available from the tractor)
- ✓ Electrical fluid-level indicator
- ✓ 2 x 65 l clean water tank for cleaning of tank and pumps, with rotation nozzle for internal cleaning of the tank, hand wash tank
- ✓ Entire filter system (filling strainer, intake filter, pressure filter, nozzle filter)
- ✓ Parking wheels for easy movement
- ✓ Control units and nozzles are mounted to the rear implement
- ✓ Intake connection Camlock 2
- ✓ Flow rate meter for distribution rate up to 20 l/min
- ✓ Front lights
- ✓ ATTENTION: If a technical inspection is required by the legislator of the country of use, it has to be undertaken on site

OPTIONS

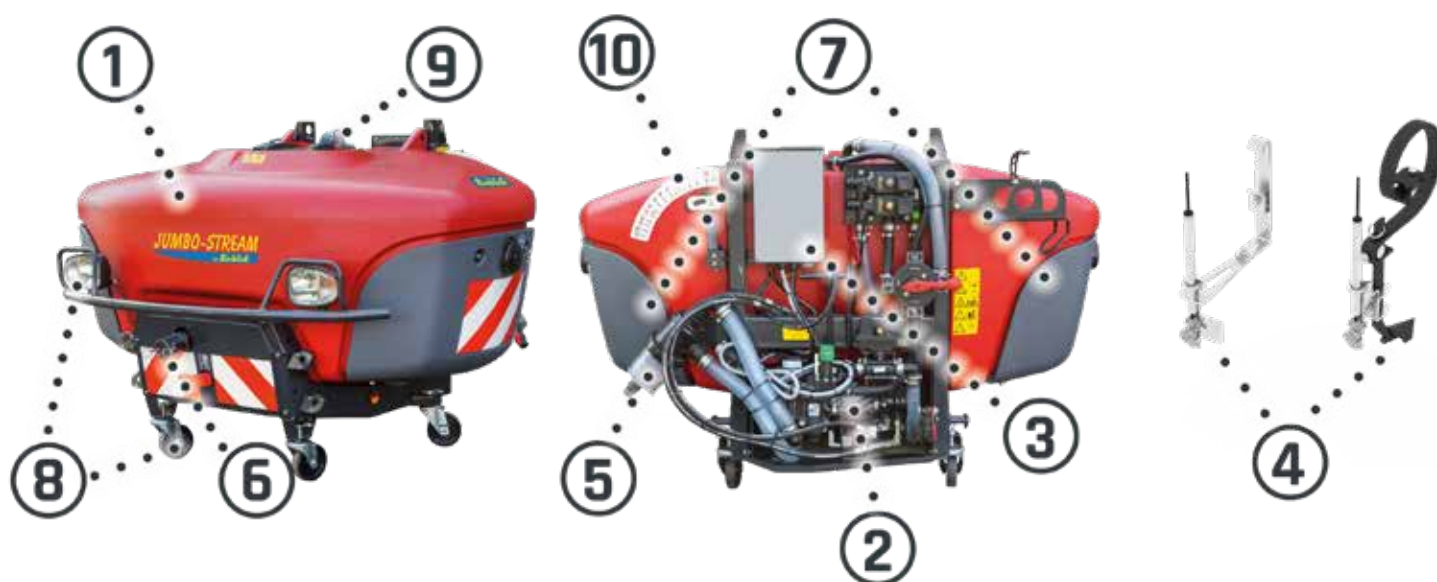
- » Section-Control activation
- » Mounting kits for the row-crop cultivator 6, 8, 12, 16 or 18-row
- » Flow meter for high application rates (2.5 - 50 l/min)



State-of-the-art technology for front and rear implements thus guaranteeing savings and efficient hoeing as well as simultaneous band spraying!

CONCEPT JUMBO-STREAM

1. 1100 l tank
2. Hydraulically driven piston diaphragm pump
3. Controlled via ISOBUS
4. Distribution kit mounted on the row-crop cultivator:
 - 4.1 One nozzle per row = "under-leaf surfaces" or two nozzles per row = "on-leaf surfaces"
 - 4.2 Nozzles behind sweeps for incorporation of liquid fertilizers
5. Full filter system
6. Suction hose connection "Camlock 2"
7. Fresh water and hand wash tanks
8. Parking supports with wheels & signaling and lighting system
9. Lid with sieve
10. Electric level indicator



ADVANTAGES JUMBO-STREAM

JUMBO-STREAM FRONT TANK & CHOPSTAR HOEING TECHNOLOGY - SEVERAL ADVANTAGES IN ONE PASS:

- » Efficient and precise in-row weed management by band spraying
- » Elimination of late germinating weeds between rows by row-crop cultivator
- » Savings in labor and spraying costs
- » Breaking open of silts and crusts
- » Mobilization of nutrients through soil aeration
- » Two operations carried out in a single pass

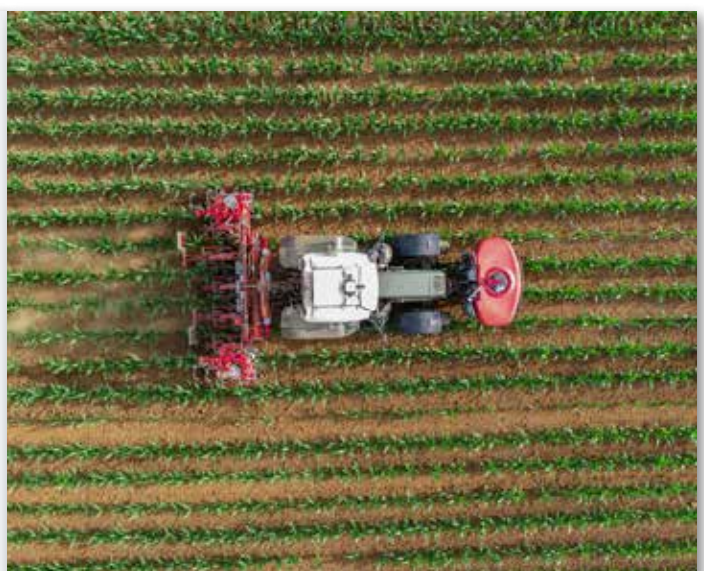


COMBINED WEED MANAGEMENT - REDUCTION OF APPLICATION RATES

Stricter regulations protecting plants, more frequently occurring resistances, reticence from the population - solutions are being sought to reduce the use of plant protection products. The system of mechanical-chemical weed management using a band sprayer and row-crop cultivator meets all these requirements. Application rates of plant protection products can be reduced by almost 70 %.

HOEING IS ECONOMICAL & ECOLOGICAL

Hoeing is becoming increasingly important in conventional agriculture. The classical row crop corn benefits from the highest yields. Hoeing breaks up crusts and increases soil aeration and the mineralisation of nitrogen. The only risky area of weed control is where the plant grows. The localized application of herbicides or pesticides is justifiable for this zone only.



ADVANTAGES JUMBO-STREAM

REDUCE LABOR COSTS

The combination of the bandsprayer and the row-crop cultivator cuts labour and fuel costs considerably. Instead of 2 passes (one with bandsprayer and one with the row-crop cultivator), only one pass suffices.



PROMOTE BIODIVERSITY - PROTECT & CONSERVE GROUNDWATER

The combination of hoeing technology and concentrated application of pesticides on only 20-30 % of the surface leads to a significant added value for the soil, the flora and the groundwater. The risk of contamination using pesticides is minimized, those are only sprayed where mostly needed: Within the crop row.

EFFICIENT DISTRIBUTION OF LIQUID FERTILIZERS

The combination bandsprayer and row-crop cultivator sprays the fertilizer exactly where it is mostly needed: Just beside the crop. The nozzle is mounted behind the sweep enabling full intake of the agents for the crop.



INTUITIVE ISOBUS COMMAND

An ISOBUS control is provided for the front tank JUMBO-STREAM. An existing ISOBUS terminal can be used to command the JUMBO-STREAM, therefore saving you money as well as additional values of the ISOBUS command already in use.

COMFORT THROUGH SINGLE NOZZLE ACTIVATION AND SECTION-CONTROL

The individual command of each nozzle is standard allowing to switch on/switch off each nozzle as needed. The control system can be automatically controlled via GPS and the ISOBUS function SECTION-CONTROL (optionally available). With driver-comfort in mind it enables precise work right up to the edge of the field. Asymmetric fields are not a problem anymore!



AUTOMATIC WASHING PROGRAM CAN BE OPERATED FROM THE CABIN

Flushing with clear water, optimized tank filling and emptying of the tank make the JUMBO-STREAM the perfect device for combined weed control.

INDIVIDUAL ADAPTATION TO THE ROW-CROP CULTIVATOR

The mounting kits allow individual adaptation to fit row-crop cultivators from 6 - 18 rows.



ACCURATE FIT AND 100 % COMPATIBLE

When fitting and adapting the front tank to a row-crop cultivator, we draw on our decades of experience as a specialist in hoeing technology. Each JUMBO-STREAM is individually adapted to the row-crop cultivator and configured accordingly, guaranteeing compatibility and operational reliability. The combination of JUMBO-STREAM, CHOPSTAR row-crop cultivator and camera steering system ROW-GUARD provide a powerful and effective solution for weed control in row crops.

OUR HANDBOOKS

THE HANDBOOK OF ORGANIC FARMING

- » **Proven practices:** Our decades of experience and that of our customers worldwide are graphically illustrated in this handbook.
- » **In-depth knowledge:** Through detailed descriptions of topics such as tillage, catch crops or crop rotations, as well as tips and suggestions on organic farming, we would like to encourage you to think outside the box.
- » **The latest technology:** The techniques and settings prescribed in the book will help you get the most out of your machines.
- » **10 cultivation instructions:** The manual contains 10 detailed cultivation instructions graphically explaining the best time for use.



THE HANDBOOK OF FUSION-FARMING

- » **Combined weed control:** The manual is the perfect guide for combined weed control. It combines the advantages of conventional and organic cultivation methods.
- » **Mechanics & chemistry:** Tips and tricks from mechanical and chemical weed control are presented. These applications lay the foundation for sustainable and successful arable farming.
- » **Cultivation instructions:** You will find instructions on weeding, hoeing and spraying in 5 different crops for a versatile and effective application of the Fusion-Farming method.

THE HANDBOOK OF GRASSLAND CARE

- » **Problems and solutions:** The Grassland Care Handbook deals with challenges such as increasing dryness, weed infestation or nutrient deficiency and offers practical solutions for grassland farmers.
- » **Maintenance & reseeding of grassland:** We show detailed instructions on maintenance and reseeding with effective methods that can increase the quality and yield of grassland in the long term.
- » **Practical examples with data, facts and figures:** Practical examples with well-founded data, facts and figures not only impart theoretical knowledge but also provide practical insights with successful grassland care strategies.



EINBÖCK AT A GLANCE

100% DESIGNED & MANUFACTURED IN AUSTRIA

- » We are a fourth-generation, owner-managed family business
- » Our development and production site is located entirely in Dorf, in the Innviertel region in Austria
- » We stand for 100% in-house production expertise: from cutting and further processing to welding, painting, and assembling our red machines.
- » Energy-self-sufficient production, e.g., with photovoltaic systems, wood chip heating, etc., awarded the "German Sustainability Award."

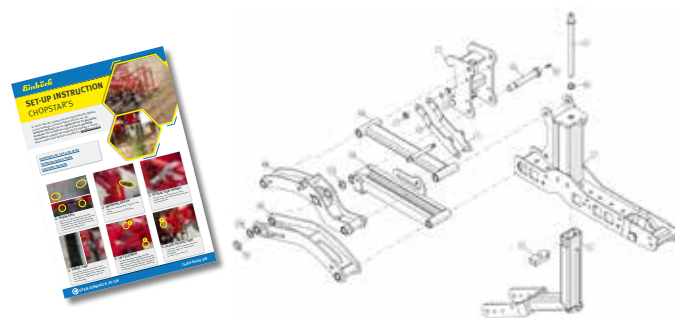


FROM THE FIELD, FOR THE FIELD!

- » We continuously develop our technology further in collaboration with our global customers
- » For over 90 years and four generations, we have stood for trustworthiness, reliability, honesty, hands-on mentality and common sense
- » We are consultants and partners, working together with farmers around the world to find the best solutions
- » We have been at home in the mechanical weed control segment for over 45 years

ORIGINAL SPARE PARTS

- » Decades of spare and wear part availability
- » Perfect fit and compatibility
- » Highest quality standards
- » Competent and prompt advice
- » Online spare and wear parts catalog, operating and set-up instruction, and much more at www.einboeck.at/en/help



CUSTOMER SERVICE

- » Practical service with maximum reliability
- » Rapid support even during peak season
- » An answer to every question
- » Expert advice and support for questions about machine settings



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Related brochures regarding "organic farming & mechanical weed control":



WEEDING TECHNOLOGY

- » Tined weeder
AEROSTAR-CLASSIC
- » Precision tined weeder
AEROSTAR-EXACT
- » Premium tined weeder
AEROSTAR-FUSION
- » Rotative weeder
AEROSTAR-ROTATION



HOEING TECHNOLOGY

- » Row-crop cultivator
CHOPSTAR
- » Camera steering system
ROW-GUARD
- » Rotary hoe
ROTARYSTAR



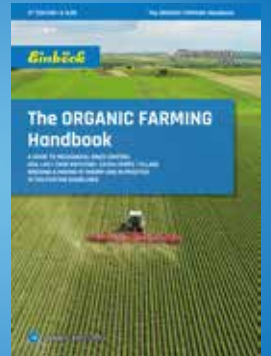
TILLAGE

- » Seedbed cultivator
VIBROSTAR
- » Blade cultivator
TAIFUN
- » Flat cultivator
RAZOR
- » Universal cultivator
HURRICANE



ORGANIC FARMING

- » Guide for mechanical weed control
- » Tips and interesting facts about weeding and hoeing technology
- » With FUSION FARMING to success



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