

*SIMPLE AND PRODUCTIVE  
TO WORK NON-STOP*

# C-65

Plot Combine

 HALDRUP USA



# CONFORT IN OPERATION

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## HALDRUP C-65 PLOT COMBINE

DESIGNED FOR BREEDING PROGRAMS THAT  
REQUIRE AGILITY, PRECISION AND CONFORT

A SUPER COMFORTABLE CABIN WITH ENOUGH  
SPACE FOR THE DRIVER AND A SECOND OPERATOR  
TO ENJOY A UNIQUE WORK ENVIRONMENT.

THANKS TO ITS EASE OF ADAPTING COMPONENTS,  
YOU CAN GO FROM ONE CROP TO ANOTHER ALMOST  
WITHOUT REALIZING IT.







# FOR ALL CROPS, ALL OPTIONS

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# MULTIPLE OPTIONS ON THE SAME HEAD

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## HALDRUP CUTTING TABLE

THE HALDRUP CUTTING TABLE WAS  
DESIGNED TO WORK IN THE MOST  
DIFFICULT CONDITIONS FROM  
DOWNED AND TANGLED CROPS TO  
UNEVEN TERRAIN.

MULTIPLE OPTIONS ON THE SAME  
HEAD THAT GIVE THE OPERATOR  
GREATER FLEXIBILITY



1.25

4.10

1.50

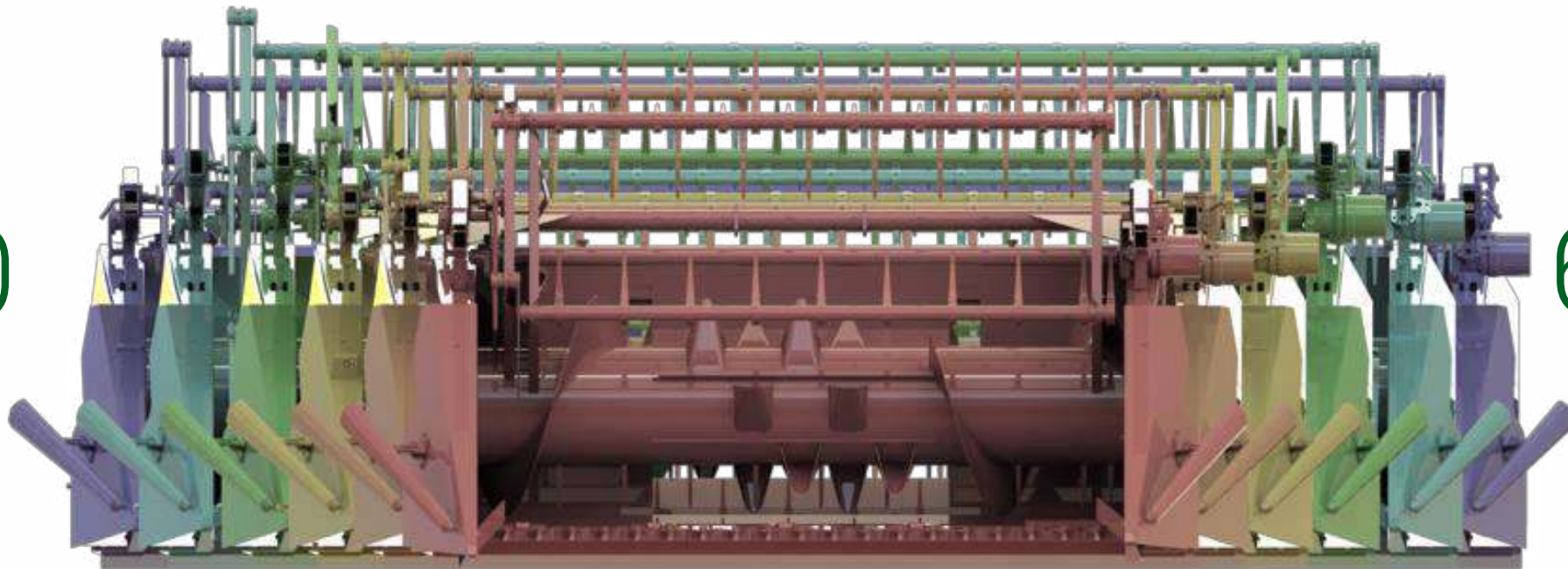
4.92

1.75

5.74

2.00

6.56



meters

feet



# ROBUST DESIGN AND EASY OF OPERATION CONCEPT

## HALDRUP CUTTING TABLE

### AIR INJECTION

Guarantees total cleaning between plots



### INTAKE AUGER

Retractable fingers



### HYDRAULIC CUTTING BAR

Ensures an excellent cut at the correct speed



### CROP LIFTERS

Available for laydown crop conditions



### REEL

Continuous adjustment of speed, height and depth

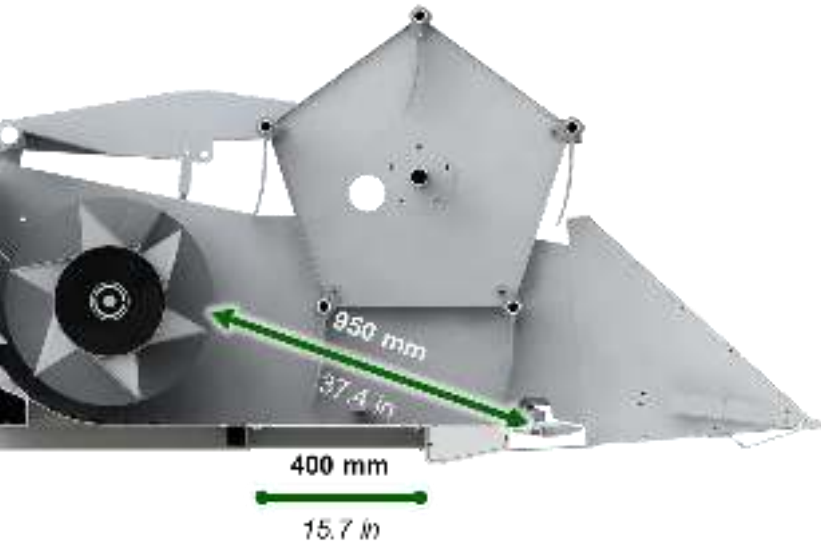


# OPTIONALS FOR YOUR OPERATION

## HALDRUP CUTTING TABLE



 CUTTING TABLE EXTENSION



 VERTICAL CUTTING BAR

 SWATH PICKER

 FLOATING CUTTING TABLE





# DELIVERING THE BEST QUALITY IN DIFFERENT CONDITIONS

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GERINGHOFF CORN HEADER



# HIGH PERFORMANCE, RELIABLE, EFFICIENT

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## GERINGHOFF ROTA DISC



2 ROWS.

ROW SPACING: 20' / 30' / 38' - 52 / 75 / 96 cm.



HYDRAULIC TRANSMISSION.



EXCELLENT CHOPPING & SHREDDING QUALITY.



CHAINS ARE TENSIONED AUTOMATICALLY.









# HIGH CAPACITY & EASY CLEAN

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## HALDRUP FEEDERHOUSE

-  AIR INJECTION TO PREVENT CONTAMINATION.
-  ROCK TRAP BEATERS TO PREVENT ROCKS FROM ENTERING THE COMBINE.
-  INSPECTION AND CLEANING WINDOW.
-  COMPLETELY DETACHABLE FOR MAINTENANCE.



# HALDRUP CAB

## DESIGNED FOR LONG WORKING DAYS


TODAY'S COMBINES MUST WORK LONG HOURS AND DELIVER OPTIMUM QUALITY RESULTS. A COMBINE CAB, OFFERING A RELAXED WORK ENVIRONMENT IS ABSOLUTELY NECESSARY.

THAT'S WHY WE HAVE CREATED ONE OF THE QUIETEST, MOST SPACIOUS AND MOST COMFORTABLE CABS ON THE RESEARCH MARKET, DESIGNED FOR LONG AND PROFITABLE WORKING DAYS.

THE INSTRUMENT CONSOLE IS EASY REACHABLE FOR THE OPERATOR.







21  $\text{ft}^2$  1.9  $\text{m}^2$

 HALDRUP USA

## QUIET, CALM, COMFORTABLE





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SIMPLE AND COMFORTABLE AS POSSIBLE TO OPERATE  
NUMEROUS FUNCTIONS CAN BE CONTROLLED THROUGH THE JOYSTICK

# NOT ONLY DESIGNED TO WORK DURING THE DAY

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## HALDRUP LIGHT SYSTEM

-  H4 HEADLIGHTS WORKING LIGHTS FOR FIELD AND CUTTING TABLE
-  PARKING LIGHTS
-  TURN SIGNALS
-  WINDSHIELD WIPERS WITH INTERMITTENT CONTROL





# CONTROL AT YOUR FINGERPRINTS

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SIMPLE AND CONFORTABLE AS POSSIBLE TO OPERATE  
NUMEROUS FUNCTIONS CAN BE CONTROLLED THROUGH THE JOYSTICK



# OFFERING A RELAXED WORK ENVIRONMENT

## HALDRUP CAB COMPONENTS



EMERGENCY  
SWITCH



MULTIFUNCTION  
JOYSTICK



AUDIO  
SYSTEM



A/C &  
HEATING SYSTEM



INTERIOR  
LIGHTS



STANDARD /  
COMFORT  
SEATS



# DEUTZ ENGINE

## POWERFUL ENGINE

THESE ENGINES DELIVER POWER WHEN YOU NEED.

IN ADDITION TO ITS REMARKABLY LOW FUEL CONSUMPTION, THE ENGINE IS BOTH QUIET AND ENVIRONMENTALLY SOUND.

THE 24 GALLONS (90 L) FUEL TANK HOLD MORE THAN ENOUGH FOR A FULL DAY IN THE FIELD.



# COOLING SYSTEM

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## REVERSE BLOWER CLEANING SYSTEM



CHANGE OF AIR FLOW DIRECTION.



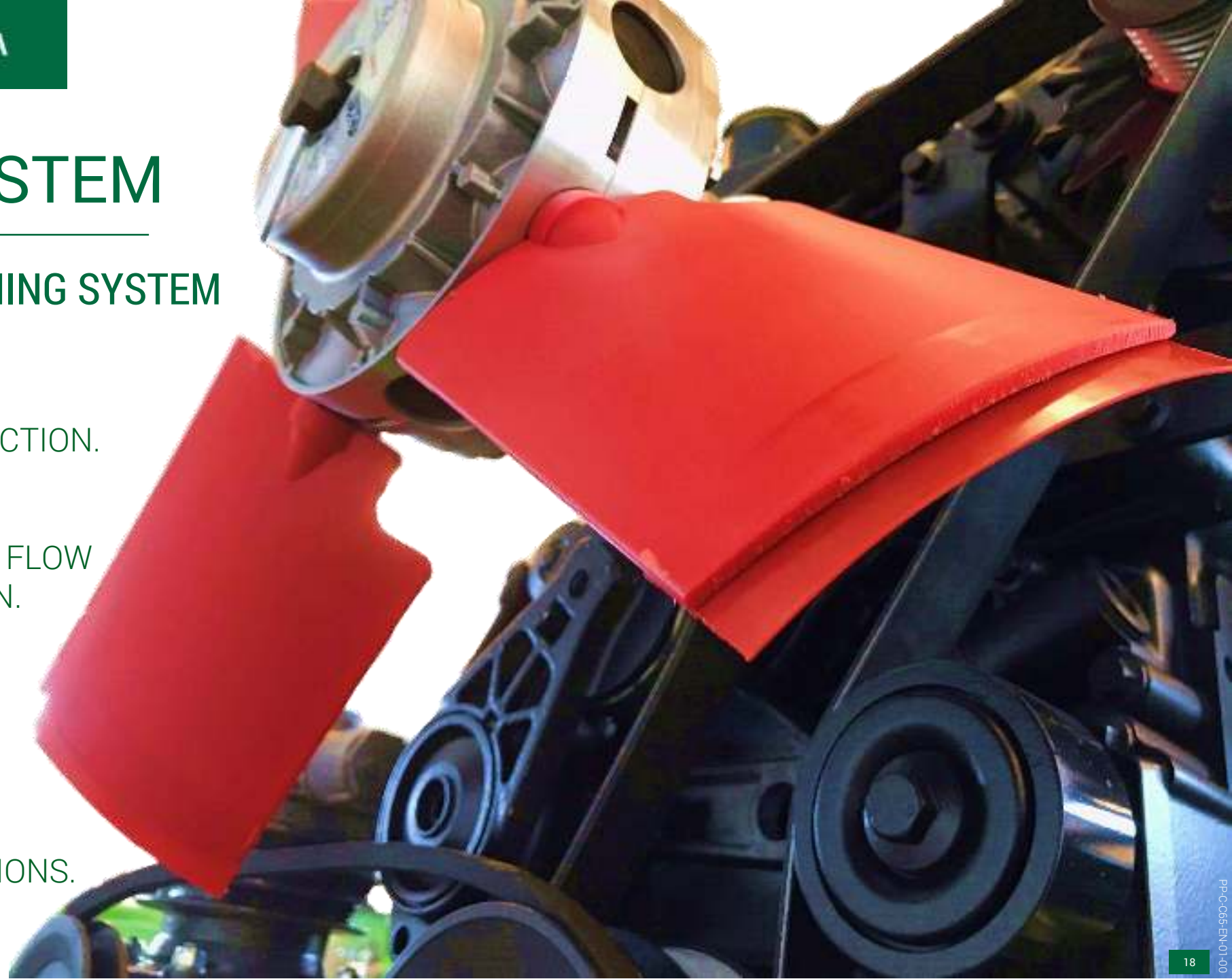
PROGRAMMABLE REVERSE FLOW  
FREQUENCY AND DURATION.



AUTOMATIC SYSTEM.







HIGH PERFORMANCE EVEN  
UNDER HIGH DUST CONDITIONS.





# DEUTZ TD 2.9

## EU STAGE V / US EPA TIER 4

-  75 HP, COMPACT, WATER-COOLED, 4-CYLINDER INLINE.
-  EU STAGE V / USA EPA TIER 4 EXHAUST EMISSION REQUIREMENTS.
-  TURBOCHARGED, CHARGE-AIR COOLED, WITH COOLED EXTERNAL EXHAUST GAS RECIRCULATION.
-  EASY CHANGING OF THE ENGINE FLUIDS REDUCE THE MAINTENANCE TIME.

# THRESHING & CLEANING

## THE HIGHEST GRAIN QUALITY

THE GRAIN-ON-GRAIN THRESHING ACTION OF THE THRESHING & CLEANING SYSTEM NOT ONLY LIMITS GRAIN LOSSES IN THE FIELD THROUGH MORE EFFECTIVE SEPARATION.

IN COMBINATION WITH AN EFFICIENT PNEUMATIC TRANSPORT, THE GRAIN IS TRANSPORTED TO THE WEIGHING SYSTEM ENSURING COMPLETE CLEANING AND FREE CONTAMINATION BETWEEN PLOTS

WE DELIVER THE MOST CLEAN GRAIN INTO THE WEIGHING SYSTEM TO ENSURE A BEST CROP DATA QUALITY IN DIFFERENT ENVIRONMENTAL CONDITIONS.





# MORE GRAIN, MAXIMUM QUALITY





## THRESHING AND CLEANING SYSTEM

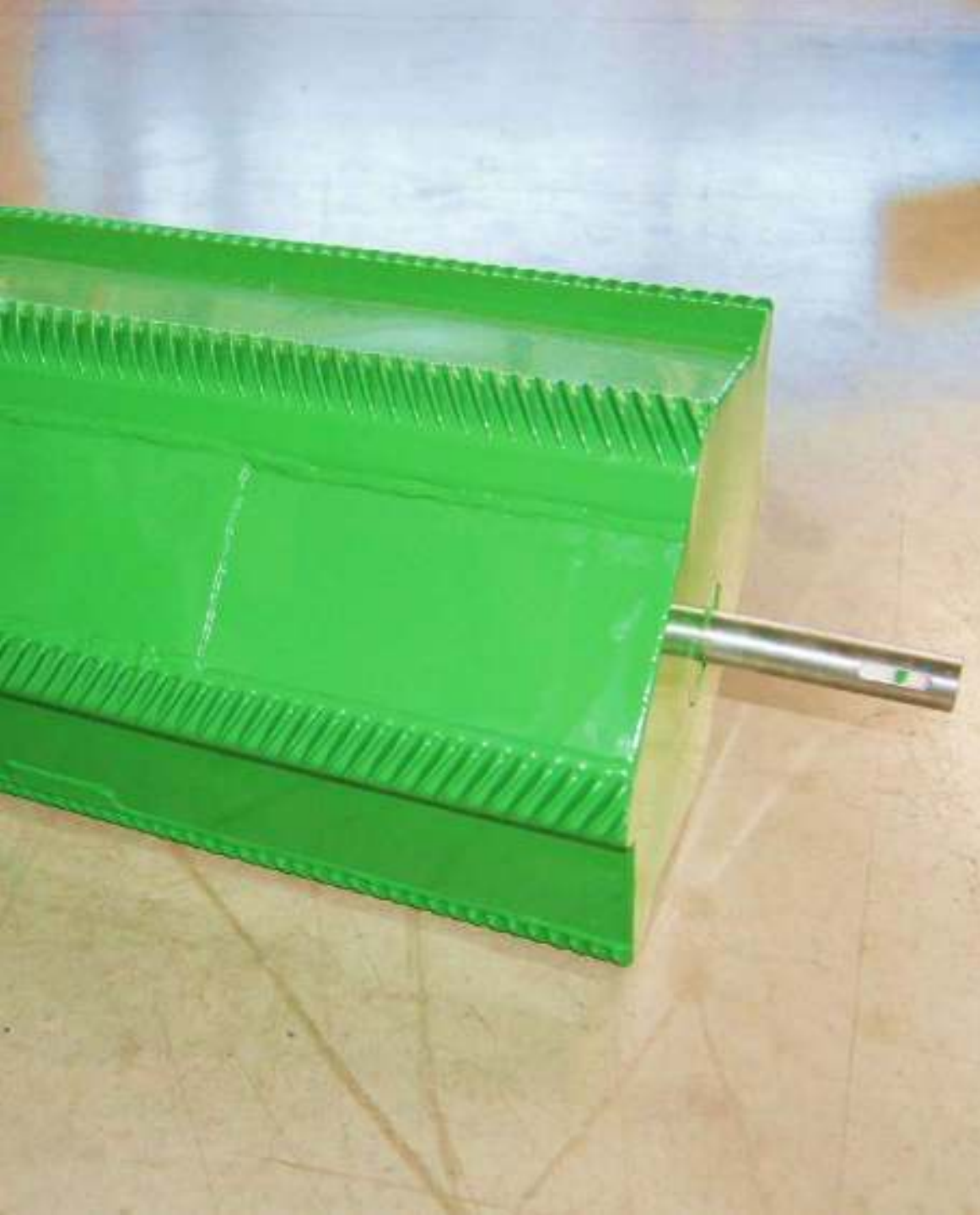


# DESIGNED TO OPTIMIZE RESULTS

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## HALDRUP THRESHING DRUM






-  FULLY CLOSED DRUM
-  6 BARS
-  SPEED VARIATOR BETWEEN 350 - 1800 RPM
-  ANTI-JAM TOOL





# AN OPTION FOR EACH OF YOUR CROPS

## HALDRUP CONCAVE

-  OPENING ADJUSTMENT MANUALLY OR ELECTRICALLY\*
-  MULTIPLE OPTIONS FOR DIFFERENT CROPS
-  INTERCHANGEABLE WITHOUT TOOLS
-  DESIGNED TO REDUCE GRAIN DAMAGE
-  UP TO 5 DE-AWNING BARS

\*optional



 HALDRUP USA

# MORE SEPARATION, FASTER & EFFICIENT

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## HALDRUP FLAT SHAKER SYSTEM





# CLEANING EVERY GRAIN

## HALDRUP CLEANING SYSTEM

-  CONTINUOUSLY ADJUSTABLE LAMELLA SIEVES  
*-2 PER SIDE- OR ROUND SIEVES\**
-  ROUND HOLES ALSO AVAILABLE
-  ELECTRIC OPENING ADJUSTMENT\*
-  EASY TO REMOVE FOR CLEANING AND INSPECTION

*\*optional*

# THE HIGHEST PURITY BETWEEN PLOTS

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AUTOMATIC CLEANING CONTROL



# TRANSPORT, CLEAN, MEANS QUALITY

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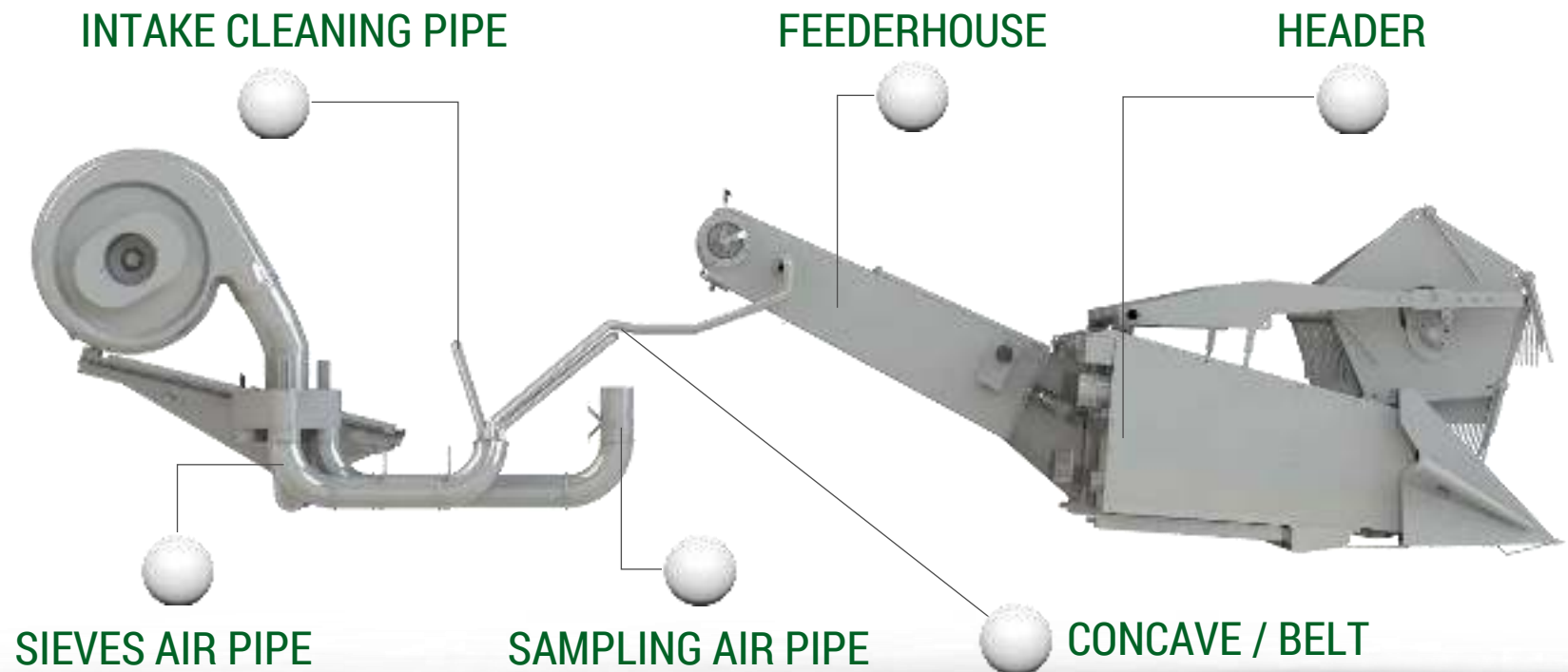
## HALDRUP AIR INJECTION SYSTEM

THE SYSTEM IS DESIGNED TO  
TRANSPORT TO THE LAST GRAIN,  
ASSURING PURITY BETWEEN PLOT  
AND PLOT.

A DISTRIBUTOR BOX IS  
CONTROLLED BY A SOFTWARE THAT  
ALLOWS TO USE THE AIR  
EFFICIENTLY DEPENDING ON THE  
PLOT PROCESS TIME.

# TRANSPORT AND CLEAN UP TO THE LAST GRAIN

## HALDRUP AIR INYECTION SYSTEM





# A PLOT, A DATA

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## HALDRUP WEIGHING & MOISTURE SYSTEM

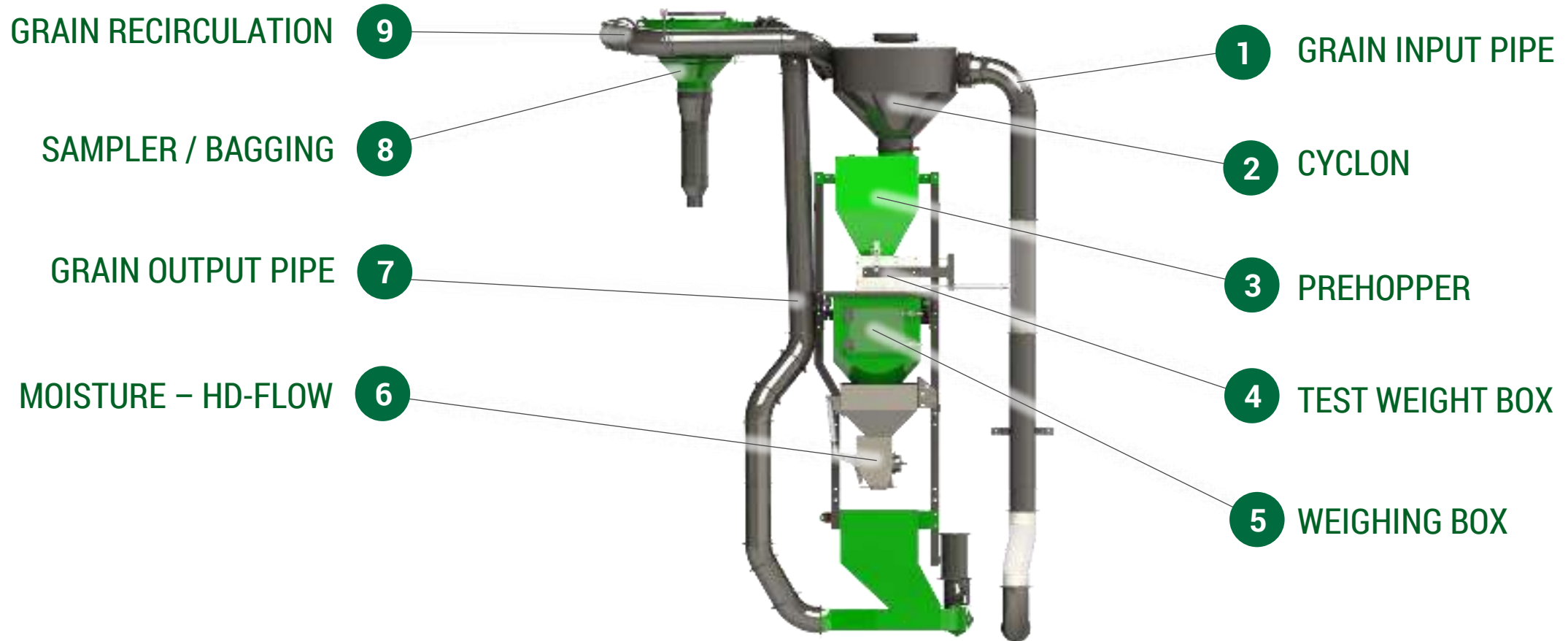
WE HARVEST DATA!

A SYSTEM FULLY DEVELOPED BY HALDRUP  
AND DESIGNED TO WORK IN DIFFERENT  
SITUATIONS, WHERE THE USER CAN  
DEFINE HIS OWN OPERATING SETTINGS.

INTEGRATED CLEANING SYSTEM &  
MEASUREMENT OF TEST WEIGHT, PLOT  
WEIGHT AND MOISTURE WITH THE  
HIGHEST PRECISION

# HIGH PRECISION IN EACH DATA

## HALDRUP WEIGHING & MOISTURE SYSTEM







# CYCLONES ALLOW EXTRA CLEANING FOR A MORE ACCURATE MEASUREMENT





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CAMERA MONITORING HELPS THE OPERATOR

# SIMPLE & PRECISE

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## HALDRUP TEST WEIGHT

-  VOLUME BOX WITH TOP & BOTTOM FLAP
-  CYCLE CONTROLLED BY HARVEST MANAGER
-  PNEUMATIC CONTROL
-  SIMPLE, FAST & PRECISE



# HIGH CAPACITY, HIGH PRECISION

## HALDRUP WEIGHING SYSTEM





-  11 GALLONS (42 L) WEIGHING BOX CAPACITY
-  CONTROLLED BY HARVEST MANAGER
-  MULTIPLE CONFIGURATION
-  MIXING-FREE CONTROLLED



# THE ONLY ONE THAT MEASURES VARIABILITY

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## HALDRUP HD-FLOW SYSTEM

-  MOISTURE MEASUREMENT OF THE WHOLE PLOT.
-  ~ 40 MEASUREMENTS PER SECOND.
-  SPECIFIC CALCULATION ALGORITHM WITH TEMPERATURE AND TEST WEIGHT CORRECTION
-  AVERAGE, STANDARD DEVIATION, CV





# HARVEST MASTER

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## OPTIONAL SYSTEM

# MORE IN THE TANK

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## HALDRUP GRAIN TANK





IT IS BIG ENOUGH TO AID HARVEST MANAGEMENT AND PREVENT UNPRODUCTIVE TRAVELLING TO FIELD ENDS FOR STATIONARY UNLOADING.

WHEN IT IS NECESSARY TO ENTER THE GRAIN TANK FOR SERVICING, MAINTENANCE OR CLEANING, HALDRUP ENGINEERS HAVE MADE THE TASK SAFER AND SIMPLER.



# QUICK, GENTLE AND EFFICIENT

## HALDRUP UNLOADING SYSTEM

-  UNLOADING HEIGHT: 11 ft (3.3 M).
-  GRAIN TANK CAPACITY: 27 BUSHELS (940 L).
-  HYDRAULICALLY FOLDED DISCHARGE AUGER
-  EMPTYING CHUTE AND REVERSE AUGER TO FULL CLEAN OUT.



# REPRESENTATIVE & ACCURATE

## HALDRUP SAMPLING SYSTEM







FOR THOSE USERS WHO NEED TO ANALYZE THE SAMPLES IN THE LABORATORY, HALDRUP OFFERS A HIGH PRECISION SAMPLING SYSTEM, REPRESENTATIVE OF THE WHOLE PLOT.

ANALYZING THE SAMPLE SIMPLY WILL THROW MORE ACCURATE RESULTS



# SAMPLING OR BAGGING IN ONE STEP

## HALDRUP SAMPLING SYSTEM

-  CONTROLLED BY HARVEST MANAGER OR ANOTHER SOFTWARE
-  CONTINUOUS OR RANDOMIZED SAMPLING
-  ADJUSTING SPEED AND SAMPLING TIME TO DEFINE A SPECIFIC QUANTITY
-  AUTOMATIC LABEL PRINTING PLOT TO PLOT



# EASY ALSO IN TRANSPORTATION

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## HALDRUP PLOT COMBINE

WE DESIGN EACH MACHINE TO  
MAKE THE TRANSPORT EASIER.

WE THINK THAT OUR LARGEST  
MACHINE CAN ALSO BE TRANSPORTED  
WITHOUT ANY SPECIAL EQUIPMENT.

WE THINK ABOUT YOU!





# SUPER COMPACT

## HALDRUP COMBINE DIMENSIONS

TOTAL LENGTH WITH HEADER: 19 ft / 5.80 m.

TRANSPORT WEIGHT: From 7000 lbs. / 3200 Kg

TOTAL WIDTH: 5.90 ft. / 1.80 m

TRANSPORT HEIGHT: 10.40 ft. / 3.2 m



# 4 WHEEL DRIVE

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MORE TRACTION FOR DIFFICULT SITUATIONS



HYDROSTATIC 4-WD



HYDRAULIC ENGINES ON THE STEERING WHEELS



2 SPEED RANGES



OPTIONAL THAT CAN BE INSTALLED LATER



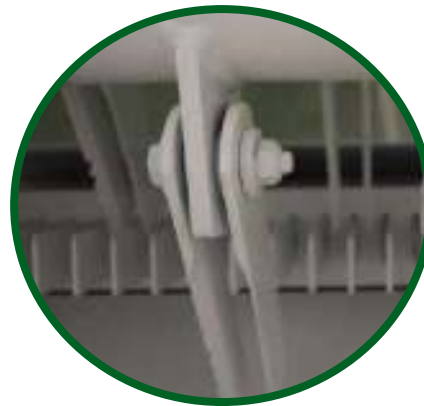
# OPERATION REQUIRES OPTIONALS

## HALDRUP OPTIONALS

NIR



STRAW CHOPPER / BALANCE



HARVEST MANAGER



SWIVEL LADDER







GRINDER



# NIR

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## NEAR INFRA-RED SPECTROMETER

-  MULTIPLE OPTIONS -POLYTEC, ZEISS, PERTEN-
-  INTEGRATED TO HARVEST MANAGER
-  MOISTURE, PROTEIN, SUGARS, ETC
-  CALIBRATION AVAILABLE THROUGH THE MANUFACTURER









# STRAW CHOPPER

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A FINE CHOP AND SPREAD

-  HIGH POWER
-  SPREAD OVER THE FULL WIDTH OF THE MACHINE
-  IN-CAB CHANGEOVER OPTION *-FOLDABLE-*
-  REMOVABLE BLADES



# WE ALSO MEASURE STRAW

## HALDRUP STRAW WEIGHING

-  4 CELL WEIGHING UNIT
-  HIGH CAPACITY
-  SELF-DOWNLOADABLE THROUGH AN INTEGRATED CONVEYOR BELT
-  REMOVABLE









# HARVEST MANAGER

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## DATA ON YOUR POCKET

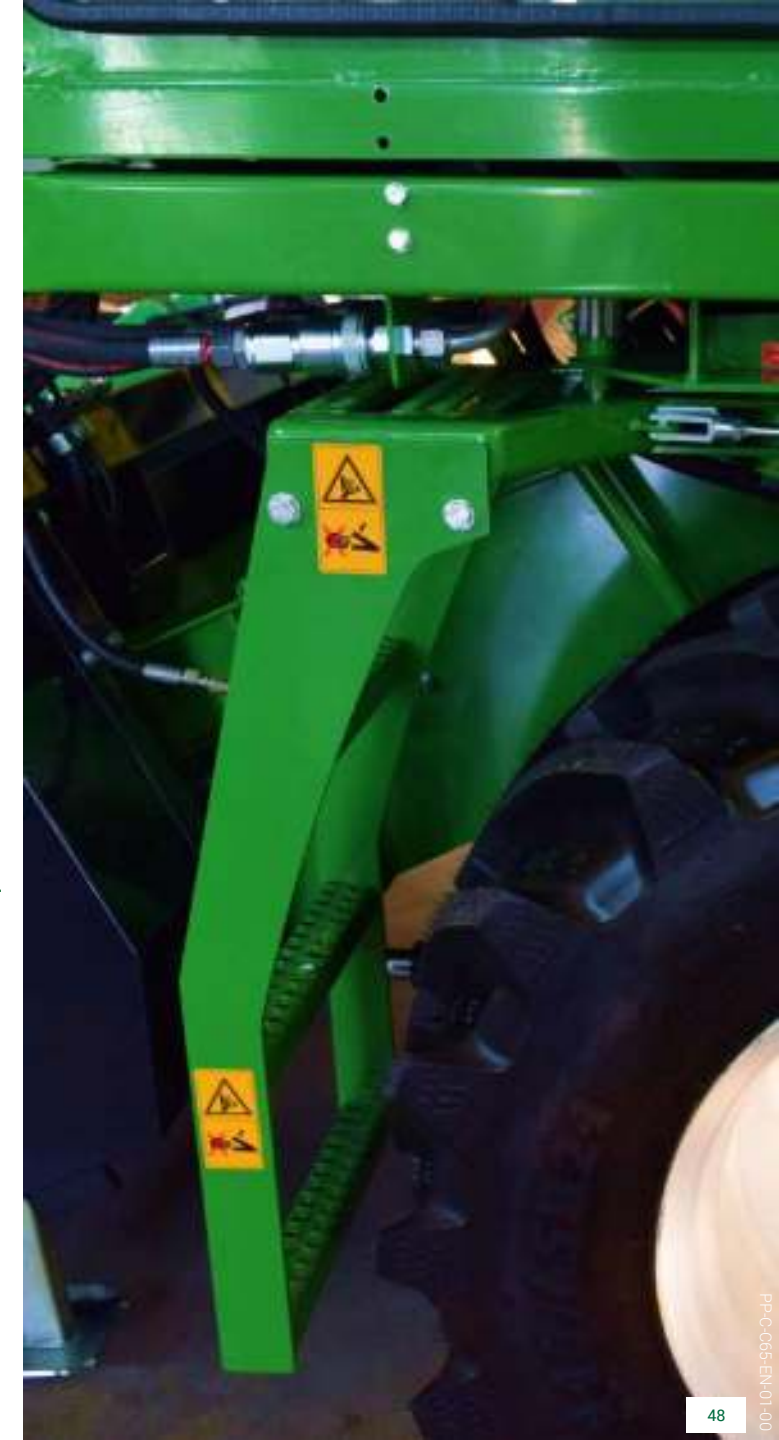
-  USER FRIENDLY
-  OPERATION WITH SOME TOUCHS
-  MANY FUNCTIONS IN THE SOFTWARE OR IMPORTING DATA
-  COMPLETE CONTROL OF THE MACHINE



# SWIVEL LADDER

## AVOIDING DAMAGE TO NEIGHBORS

-  PNEUMATIC SYSTEM
-  INTERNAL AND EXTERNAL CONTROL
-  2 FIXED POSITIONS
-  IDEAL FOR SAFE TRANSPORT









# IF YOU HAVE REGULATED TRIALS

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## HALDRUP GRINDER

-  HIGH INSTANT CAPACITY
-  HYDRAULIC TRANSMISSION
-  METAL DETECTOR
-  FEED FLOW CONTROL



 HALDRUP USA



# HALDRUP USA CORP.

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