

*FAST AND DURABLE EVEN IN  
THE MOST DIFFICULT  
CONDITIONS*

# C-85

Plot Combine

 HALDRUP USA



# UNBELIEVABLE PERFORMANCE

## HALDRUP C-85 PLOT COMBINE

DESIGNED TO OPTIMIZE WORK IN DIFFERENT CROPS AND DIFFERENT ENVIRONMENTAL CONDITIONS, ESPECIALLY IN CORN, THE HIGH WORK CAPACITY AND ITS POWER HAVE ALLOWED IT TO POSITION ITSELF IN A MARKET THAT DEMANDS A SUSTAINABLE PROCESS OVER TIME.

THE EASE OF ACCESS TO ALL ITS POINTS AS WELL AS THE SIMPLICITY OF DAILY MAINTENANCE SERVICES MAKE THIS MACHINE IDEAL FOR AN OPERATION THAT REQUIRES SPEED.





# 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



# CUTTING TABLE

CHOOSE YOUR WIDTH

1.25

1.75

1.50

2.00

2.25

2.50

2.75

3.00

4.10

4.92

5.74

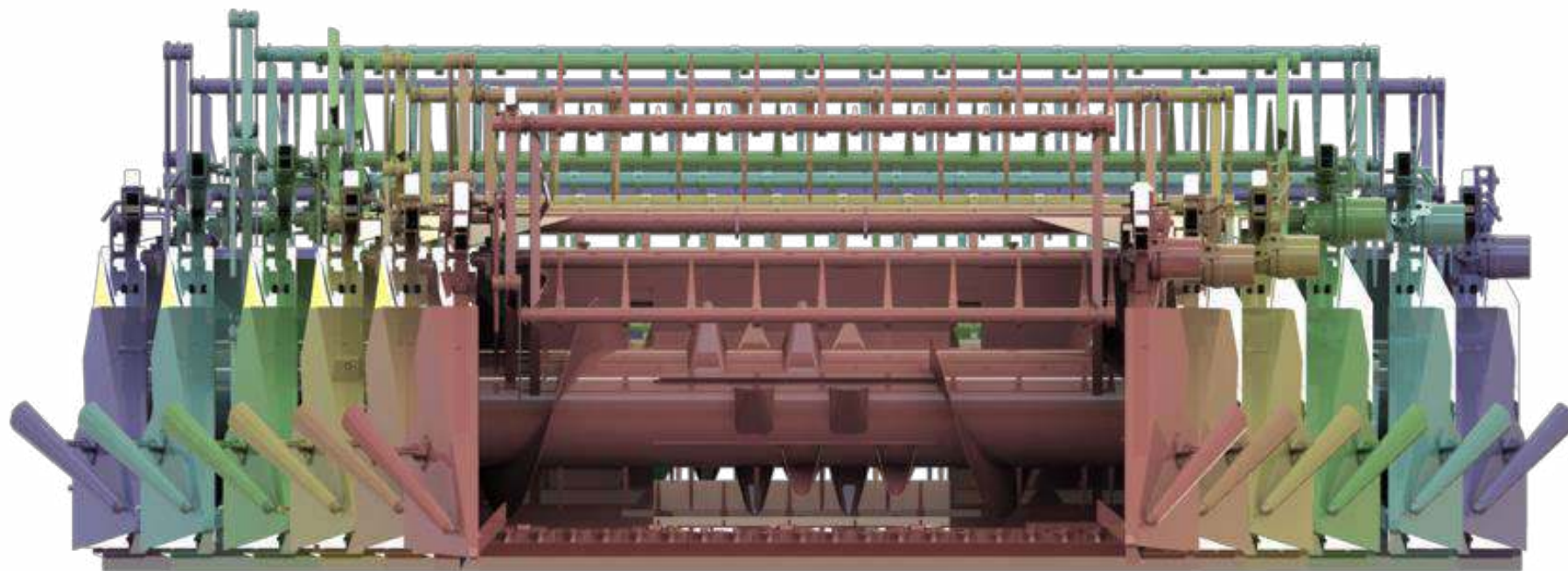
6.56

7.38

8.20

9.02

9.84



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

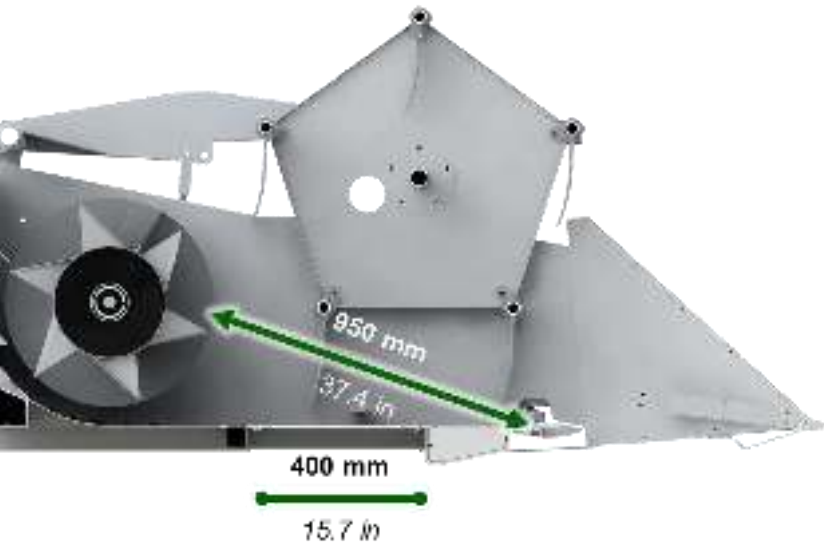
## HALDRUP CUTTING TABLE

 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, 3 or 4 ROWS.  
ROW SPACING: 20' / 30' / 38' - 52 / 75 / 96 cm.



HYDRAULIC TRANSMISSION.



EXCELLENT CHOPPING & SHREDDING QUALITY.



CHAINS ARE TENSIONED AUTOMATICALLY.









UNTIL THE LAST SEED IS IMPORTANT

MORESIL SUNFLOWER HEADER

# THE BEST OPTION IN SUNFLOWER

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## MORESIL G-4570





-  2 or 4 ROWS.  
ROW SPACING: 20' / 30' / 38' - 52 / 75 / 96 cm.
-  HYDRAULIC TRANSMISSION.
-  UPPER FEEDER CHAIN.
-  FIXED OR FOLDING CHOPPER.



# 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.

# HALDUP 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.



40  $\text{ft}^2$   
3.7  $\text{m}^2$

## 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 CAB LIGHT SYSTEM



H4 HEADLIGHTS WORKING LIGHTS FOR FIELD AND CUTTING TABLE



PARKING LIGHTS



TURN SIGNALS

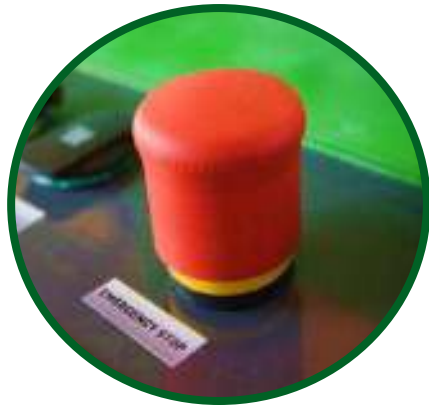


WINDSHIELD WIPERS WITH INTERMITTENT CONTROL



# OFFERING A RELAXED WORK ENVIRONMENT

## HALDRUP CAB COMPONENTS



EMERGENCY  
SWITCH



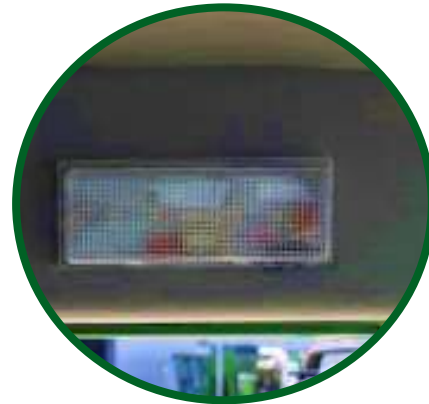
MULTIFUNCTION  
JOYSTICK



AUDIO  
SYSTEM



A/C &  
HEATING SYSTEM



INTERIOR  
LIGHTS



STANDARD /  
COMFORT  
SEATS

# CONTROL AT YOUR FINGERPRINTS

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HALDRUP USA

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



# 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 66 GALLONS (200 L) FUEL TANK HOLD MORE THAN ENOUGH FOR A FULL DAY IN THE FIELD.



# DEUTZ TCD 3.6

## EU STAGE V / US EPA TIER 4

-  108 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.

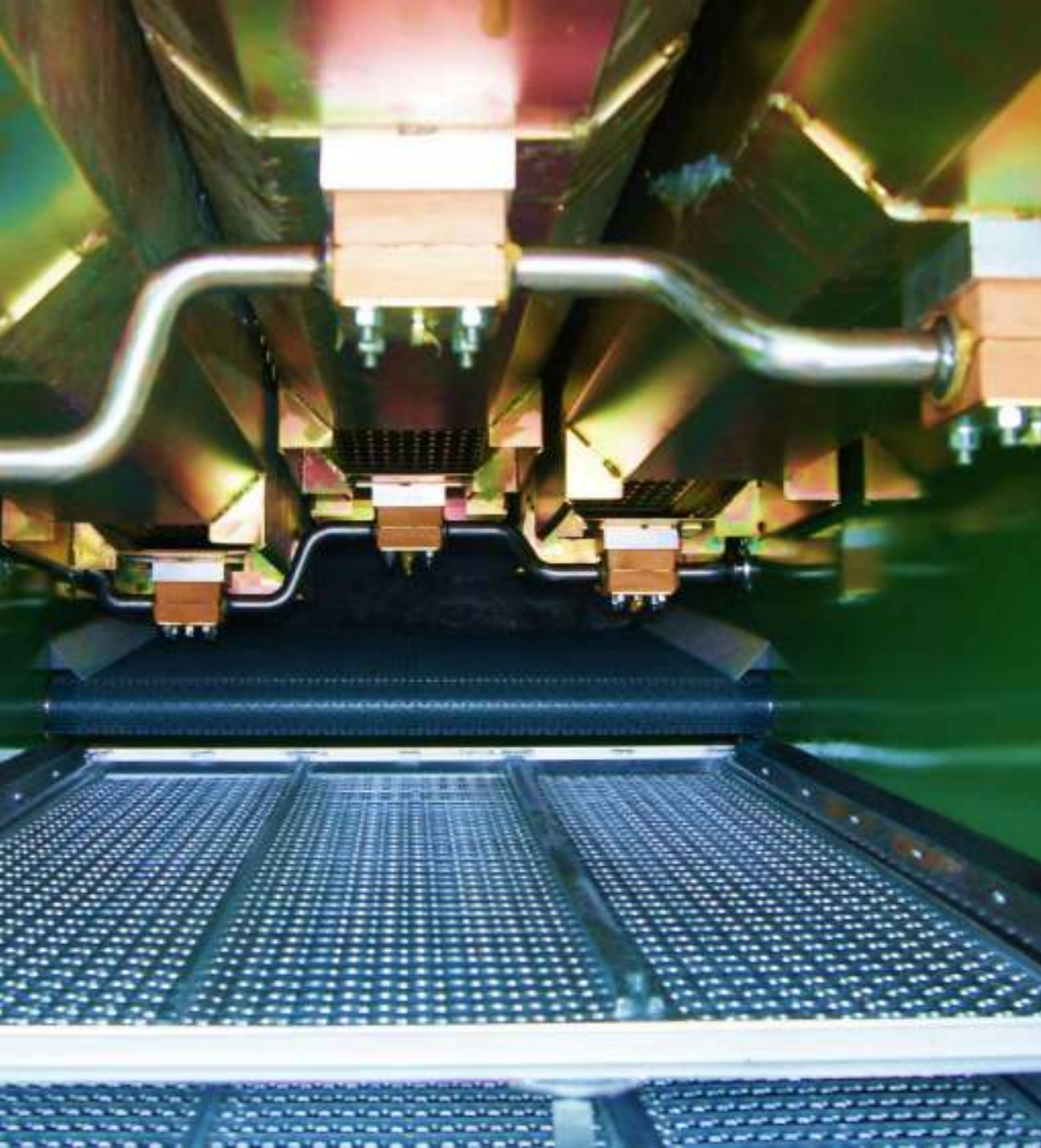
# THRESHING & CLEANING

## 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

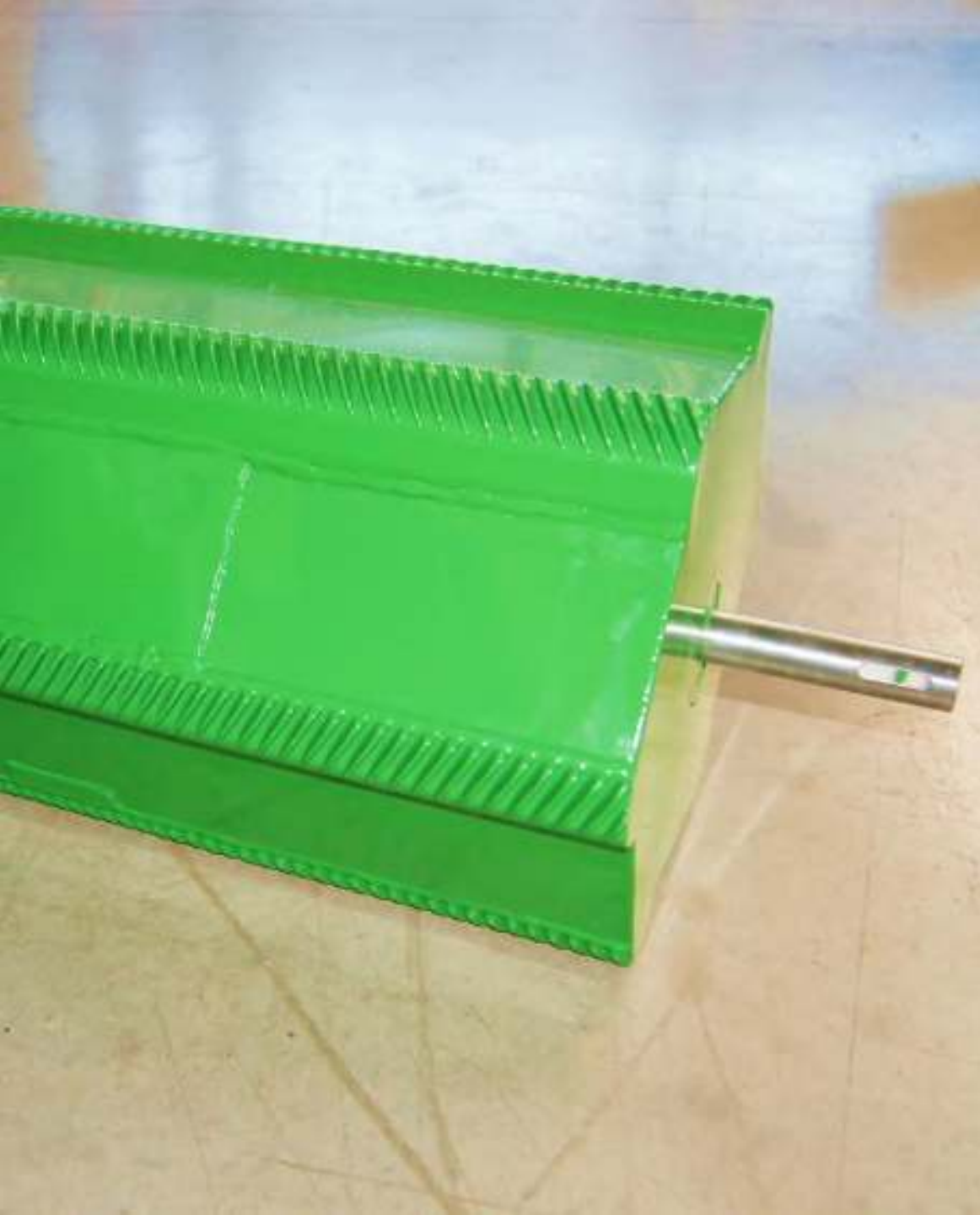


# DESIGNED TO OPTIMIZE RESULTS

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## HALDRUP THRESHING DRUM

-  FULLY CLOSED DRUM
-  6 BARS
-  ELECTRIC VARIATOR BETWEEN 300 - 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

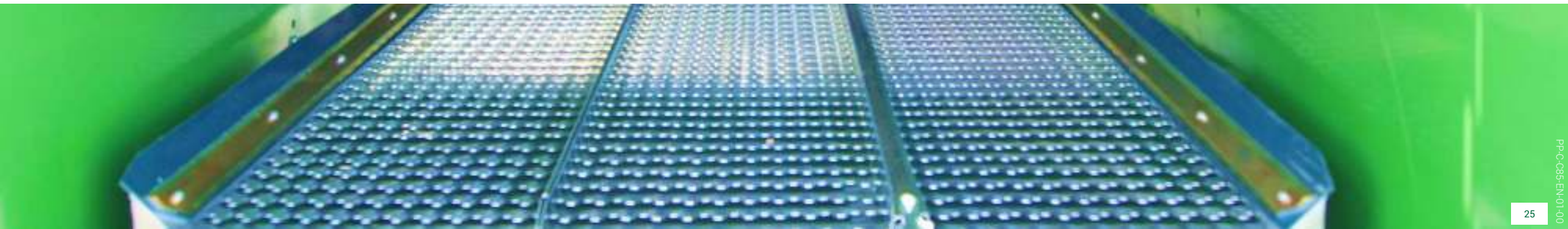


 HALDRUP USA

# MORE SEPARATION, FASTER & EFFICIENT





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## HALDRUP STRAWWALKERS 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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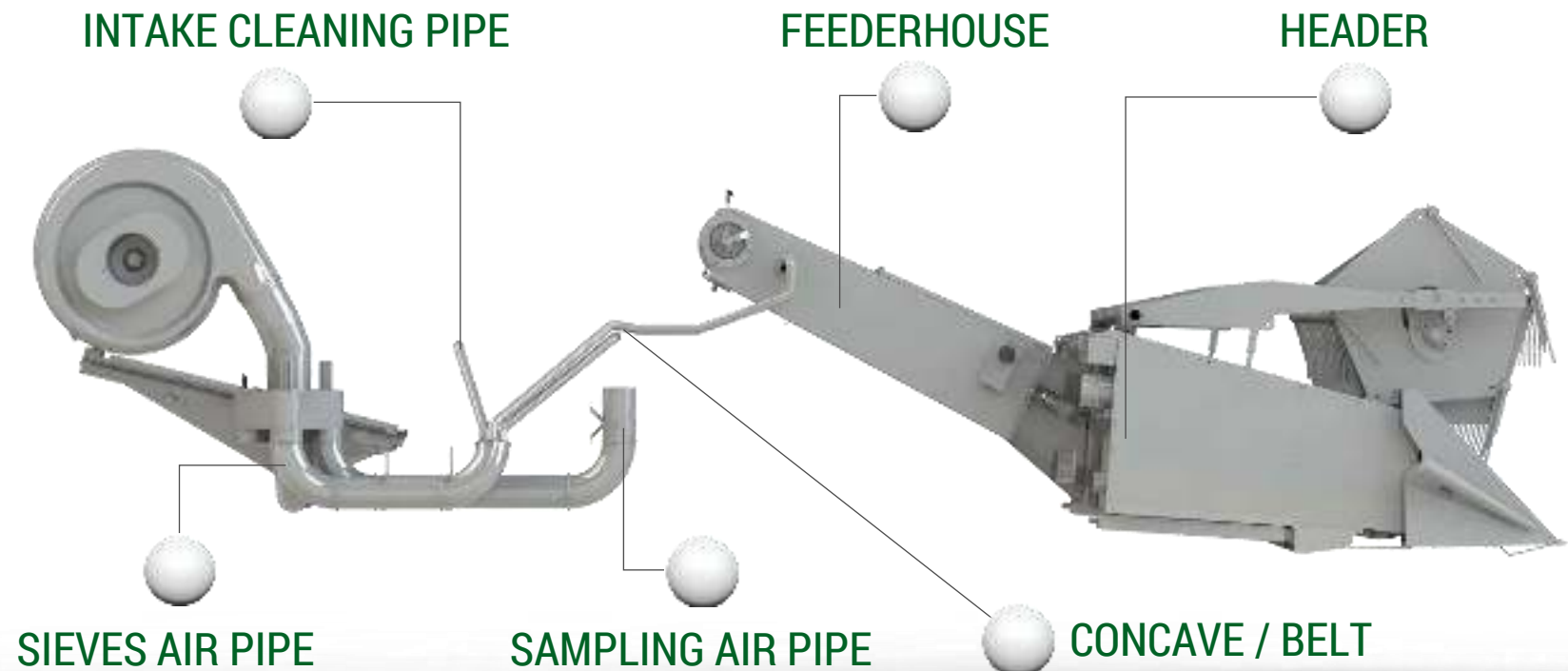
## HALDRUP AIR INYECTION SYSTEM

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 INJECTION SYSTEM



# A PLOT, A DATA

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## HALDRUP WEIGHING & MOISTURE SYSTEM

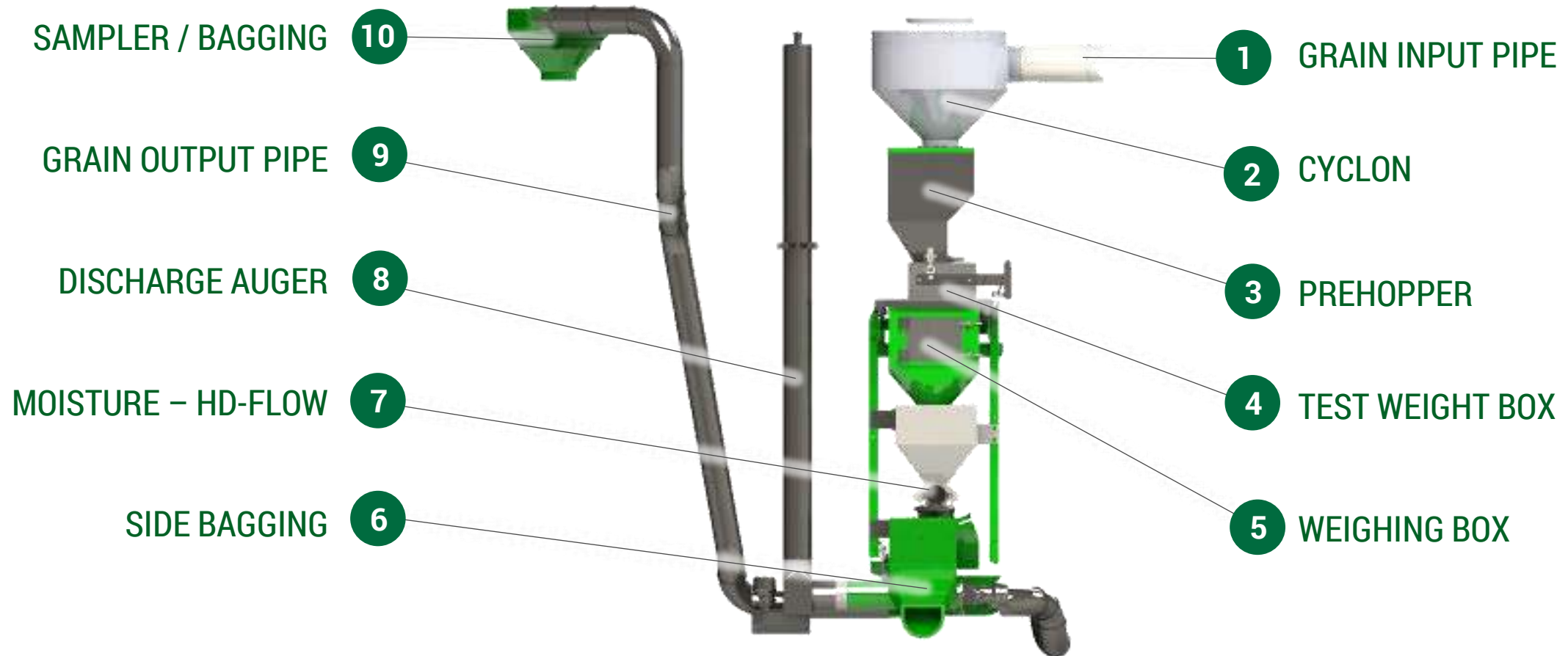
WE HARVEST DATA! .

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

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## HALDRUP TWIN WEIGHING SYSTEM





-  13 GALLONS (50 L) WEIGHING BOX CAPACITY
-  CONTROLLED BY HARVEST MANAGER
-  MULTIPLE CONFIGURATION
-  MIXING-FREE CONTROLLED



# THE ONLY ONE THAT MEASURES VARIABILITY

## 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

## 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

## 'HIGH CAPACITY' UNLOADING SYSTEM

-  UNLOADING HEIGHT: 11 ft (3.3 M).
-  LARGER GRAIN TANK WITH A CAPACITY OF 80 BUSHELS (2800 L).
-  HYDRAULICALLY FOLDED GRAIN TANK EXTENSIONS
-  THEY ARE CLOSED FROM THE CAB FOR EASIER TRANSPORT OR WEATHER-PROOFING.



# 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



# FOR A BETTER WORK ENVIRONMENT

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## HALDRUP DUST EXTRACTION SYSTEM

-  CONTROLLED BY SOFTWARE.
-  ELECTRIC.
-  SUCTION ADJUSTMENT DEPENDING ON CROP TYPE.
-  GREATER CLEANLINESS OF SAMPLES.

# EASE 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: 25 ft / 8 m.

TOTAL WIDTH: 6.20 ft. / 1.90 m



TRANSPORT WEIGHT: From 12000 lbs. / 5500 Kg





TRANSPORT HEIGHT: 10.5 ft. / 3.20 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

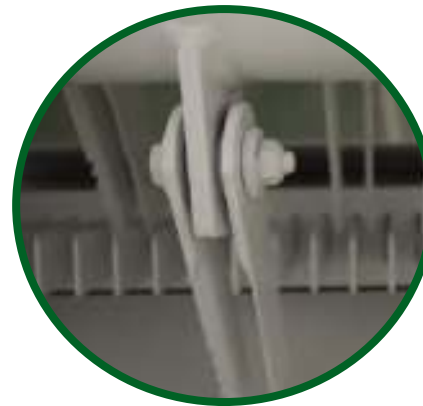
# OPERATION REQUIRES OPTIONALS

## HALDRUP OPTIONALS

NIR



STRAW CHOPPER



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



# HARVEST MANAGER

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## DATA ON YOUR POCKET

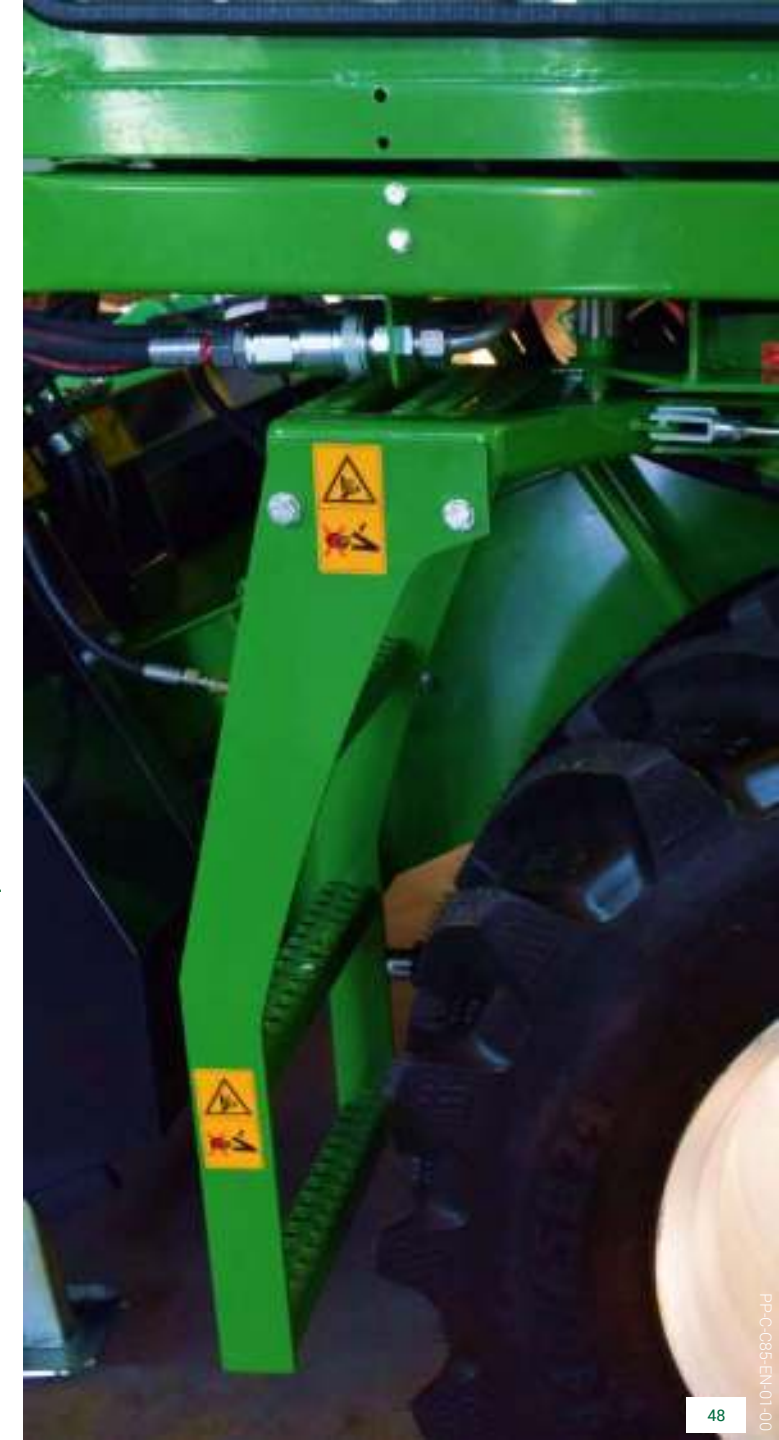
-  USER FRIENDLY
-  OPERATION WITH SOME TOUCHS
-  MANY FUNCTIONS IN THE SOFTWARE OR IMPORTING DATA
-  COMPLETE CONTROL OF THE MACHINE

# SWIVEL LADDER

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## AVOIDING DAMAGE TO NEIGHBORS





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



# 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



# IF YOU HAVE REGULATED TRIALS

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## HALDRUP GRINDER





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



# WE ALSO MEASURE STRAW

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## HALDRUP STRAW WEIGHING

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



 HALDRUP USA



# HALDRUP USA CORP.

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