



*HARVEST MORE PLOTS PER DAY
WITH A REAL TWIN PLOT
COMBINE*

CTS-95

Twin Plot Combine

 HALDRUP USA

POWER & RELIABILITY

HALDRUP CTS-95 TWIN PLOT COMBINE

DESIGNED TO COVER HIGH HARVEST DEMANDS IN SHORT PERIODS OF TIME, THIS MACHINE ADAPTS TO ALL ENVIRONMENTAL CONDITIONS THANKS TO ITS POWER AND TRACTION.

COMPLETELY DIVIDED IN TWO, FROM THE HEAD TO THE GRAIN TANK, IT IS A MACHINE FREE OF CROSS CONTAMINATION BETWEEN NEIGHBOURING PLOTS.









EXCELLENT PICKING ABILITY IN BOTH STANDING AND LAYING CORN

GERINGHOFF TECHNOLOGY



CORN HEADER

MULTIPLE OPTIONS

-  100% DIVIDED
-  FOLDABLE & RIGID OPTIONS*
-  ROW SPACING: 20' / 30' / 38'
-  WITH OR WITHOUT CHOPPER

**depends on the row distance.*



HIGH PERFORMANCE, RELIABLE, EFFICIENT

GERINGHOFF ROTA DISC



EXCELLENT CHOPPING & SHREDDING QUALITY



HYDRAULIC TRANSMISSION



LOWER HORSEPOWER REQUIRED



CHAINS ARE TENSIONED AUTOMATICALLY



DELIVERING THE BEST QUALITY IN DIFFERENT CONDITIONS

HALDRUP TWIN CUTTING HEADER



TWIN CUTTING TABLE

CHOOSE YOUR WIDTH

2x 4.10 ft / 1.25 m

2x 4.92 / 1.5 m

2x 5.72 / 1.75 m

ROBUST DESIGN AND EASY OF OPERATION CONCEPT

HALDRUP TWIN CUTTING HEADER

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



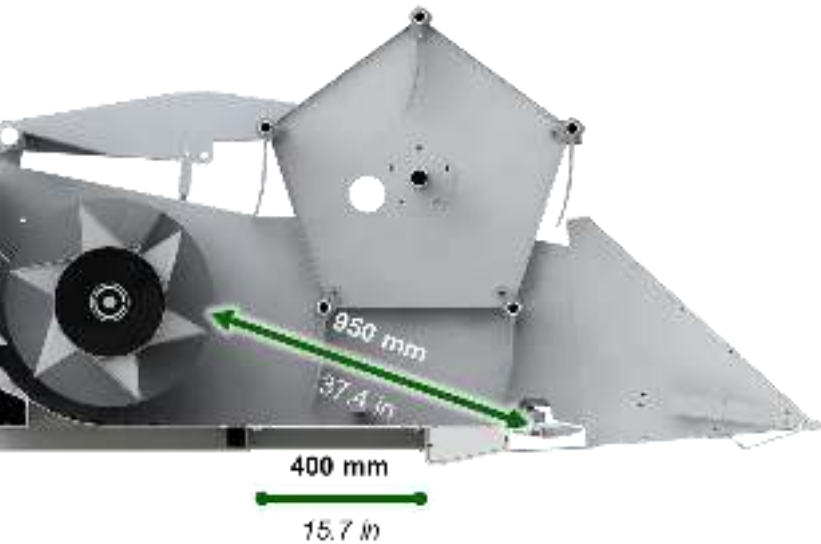
REEL

Continuous adjustment of speed, height and depth



OPTIONALS FOR YOUR OPERATION

HALDRUP TWIN CUTTING HEADER



 CUTTING TABLE EXTENSION

 VERTICAL CUTTING BAR





 CUTTING TABLE TRAILER

 FLOATING CUTTING TABLE



HIGH CAPACITY & EASY CLEAN

HALDRUP TWIN FEEDERHOUSE

-  100% DIVIDED
-  INSPECTION AND CLEANING WINDOW
-  AIR INJECTION TO PREVENT CONTAMINATION
-  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 ft^2
3.7 m^2

QUIET, CALM, COMFORTABLE

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

NOT ONLY DESIGNED TO WORK DURING THE DAY

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

 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 122 GALLONS (465 L) FUEL TANK HOLD MORE THAN ENOUGH FOR A FULL DAY IN THE FIELD.



DEUTZ TCD 6.1

EU STAGE V / US EPA TIER 4



-  212 HP, COMPACT, WATER-COOLED, 6-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



COOLING SYSTEM

REVERSE BLOWER CLEANING SYSTEM

 CHANGE OF AIR FLOW DIRECTION. PROGRAMMABLE REVERSE FLOW
FREQUENCY AND DURATION. AUTOMATIC SYSTEM. HIGH PERFORMANCE EVEN
UNDER HIGH DUST CONDITIONS.

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.

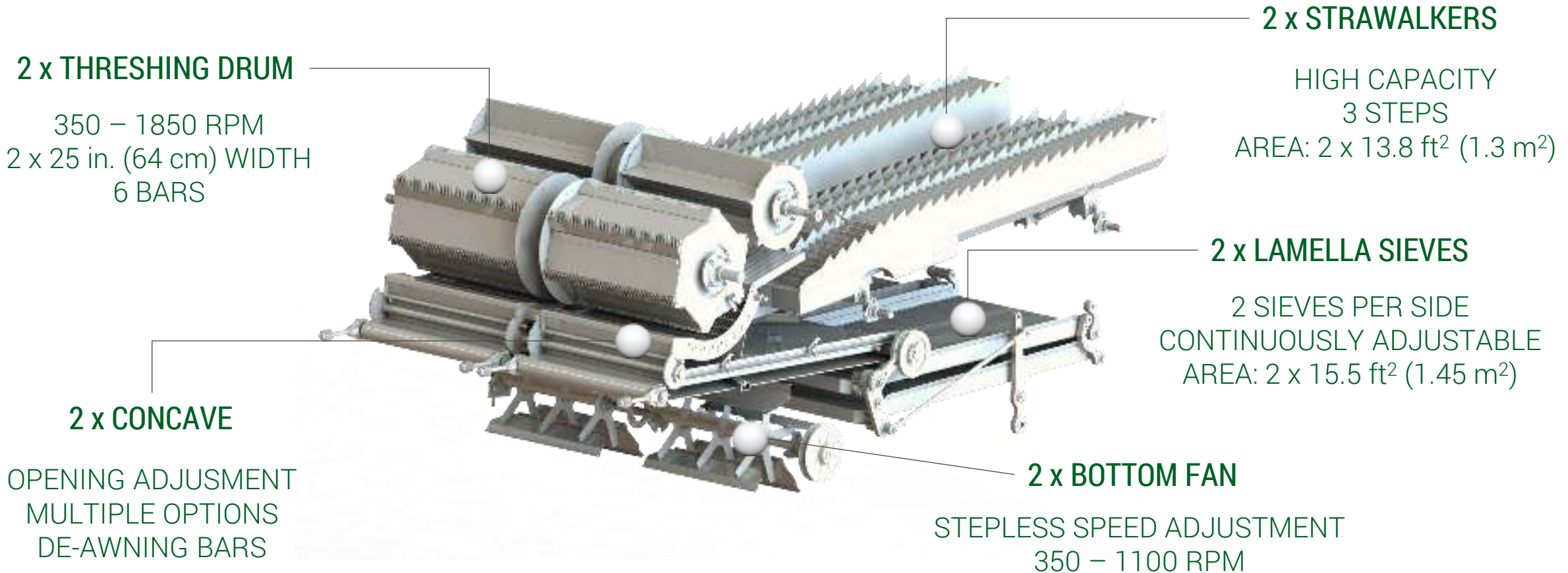
IN COMBINATION WITH AN EFFICIENT PNEUMATIC TRANSPORT, THE GRAIN IS TRANSPORTED TO THE WEIGHING SYSTEM ENSURING COMPLETE CLEANING AND FREE CONTAMINATION BETWEEN PLOTS

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

TWIN THRESHING AND CLEANING SYSTEM








DESIGNED TO OPTIMIZE RESULTS

HALDRUP THRESHING DRUM

-  FULLY CLOSED DRUM
-  6 BARS & 25 in (64 cm) LENGTH
-  ELECTRIC VARIATOR BETWEEN 350 - 1850 RPM
-  ANTI-JAM TOOL

AN OPTION FOR EACH OF YOUR CROPS

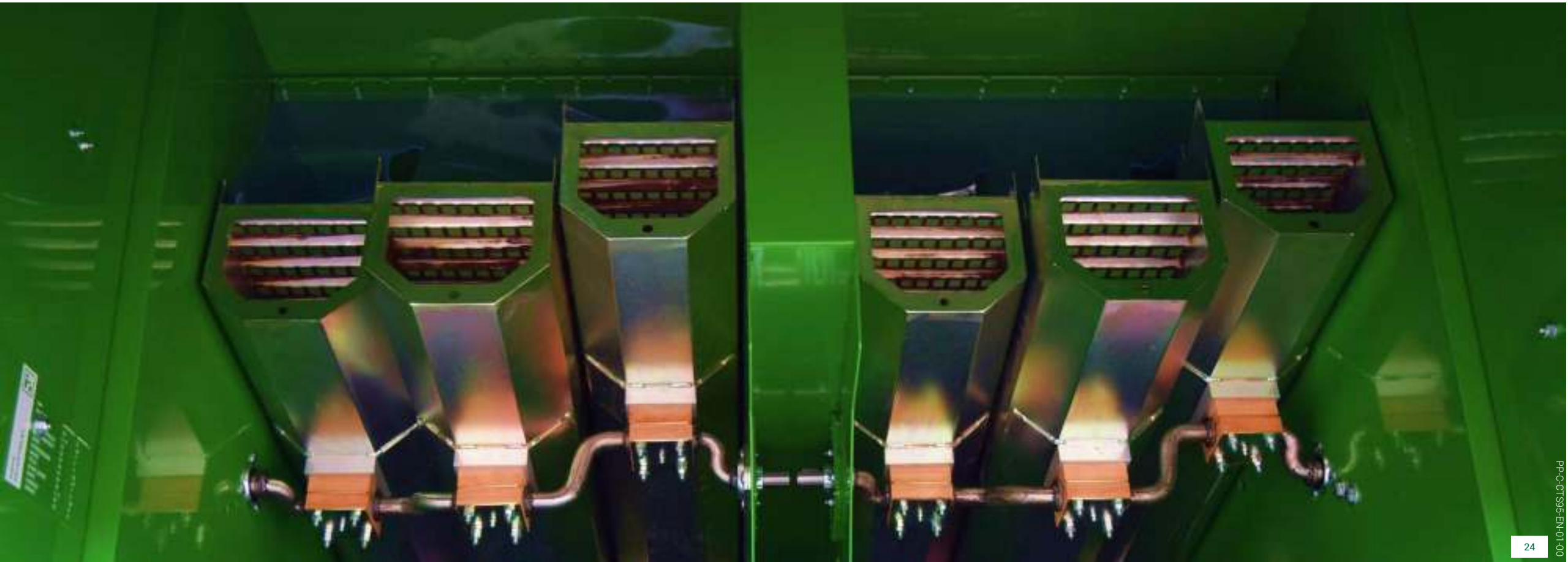
HALDRUP CONCAVE

-  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





MORE SEPARATION, FASTER & EFFICIENT

HALDRUP TWIN STRAWWALKERS SYSTEM



CLEANING EVERY GRAIN

HALDRUP CLEANING SYSTEM

-  CONTINUOUSLY ADJUSTABLE LAMELLA SIEVES
*-2 PER SIDE- OR ROUND SIEVES**
-  AREA: 2 x 15.5 ft² (1.45 m²)
-  ELECTRIC OPENING ADJUSTMENT*
-  EASY TO REMOVE FOR CLEANING AND INSPECTION

**optional*

TRANSPORT, CLEAN, MEANS QUALITY

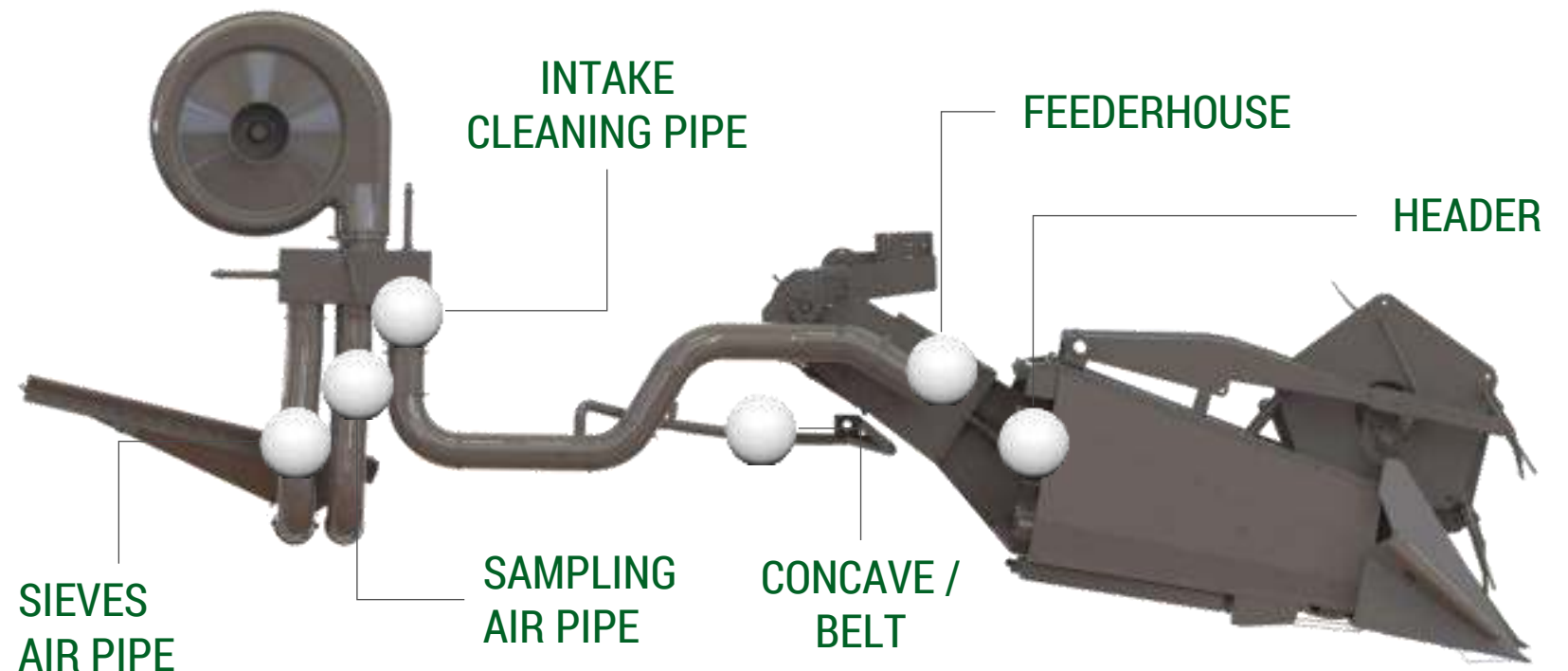
HALDRUP AIR INYECTION SYSTEM

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 INYECTION SYSTEM



A PLOT, A DATA

HALDRUP WEIGHING & MOISTURE SYSTEM

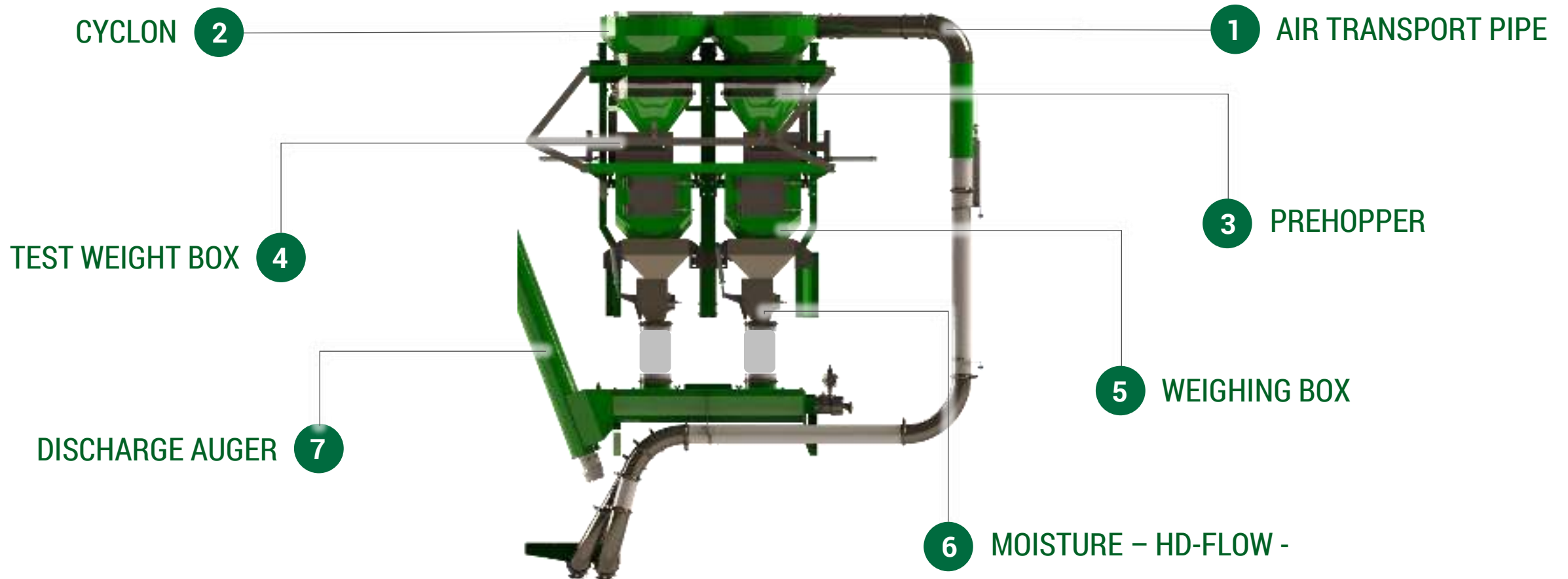
WE HARVEST DATA! .

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

CAMERA MONITORING HELPS THE OPERATOR

SIMPLE & PRECISE

HALDRUP TEST WEIGHT



VOLUME BOX WITH TOP & BOTTOM FLAP



CYCLE CONTROLLED BY HARVEST MANAGER



PNEUMATIC CONTROL







SIMPLE, FAST & PRECISE







HIGH CAPACITY, HIGH PRECISION

HALDRUP TWIN WEIGHING SYSTEM

-  2 X 11 GALLONS (42 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



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: 11.5 ft (3.5 m)
-  LARGER GRAIN TANK WITH A CAPACITY OF 220 BUSHELS (8000 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

DOUBLE SAMPLING IN ONE STEP

HALDRUP SAMPLING SYSTEM

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



EASY ALSO IN TRANSPORTATION

HALDRUP TWIN 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!



BIG BUT COMPACT

HALDRUP TWIN COMBINE DIMENSIONS



 TOTAL LENGTH WITH HEADER: 30 ft / 9.1 m.

 TOTAL WIDTH: 8.50 ft / 2.6 m.

 TOTAL WEIGHT: 22000 lbs. / 10000 Kg.

 TRANSPORT HEIGHT: 10.5 ft. / 3.2 m.

4 WHEEL DRIVE

MORE TRACTION FOR DIFFICULT SITUATIONS



HYDROSTATIC 4-WD



HYDRAULIC ENGINES ON THE STEERING WHEELS



2 SPEED RANGES



OPTIONAL THAT CAN BE INSTALLED LATER



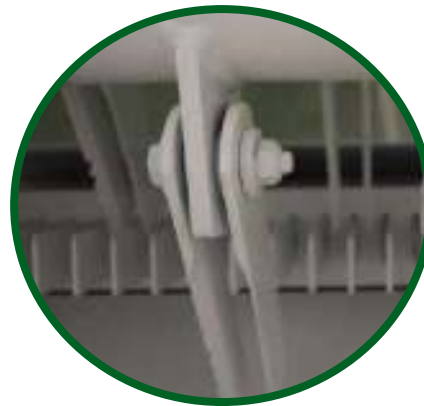
OPERATION REQUIRES OPTIONALS

HALDRUP TWIN OPTIONALS

NIR



STRAW CHOPPER



HARVEST MANAGER



SWIVEL LADDER







GRINDER



NIR





NEAR INFRA-RED SPECTROMETER

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



STRAW CHOPPER

A FINE CHOP AND SPREAD

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

HARVEST MANAGER

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

HALDRUP GRINDER



HIGH INSTANT CAPACITY



HYDRAULIC TRANSMISSION



METAL DETECTOR



FEED FLOW CONTROL



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