



*FAST AND DURABLE EVEN IN
THE MOST DIFFICULT
CONDITIONS*

C-90

Plot Combine

 **HALDRUP USA**

UNBELIEVABLE PERFORMANCE

HALDRUP C-90 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



MULTIPLE OPTIONS ON THE SAME HEAD

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

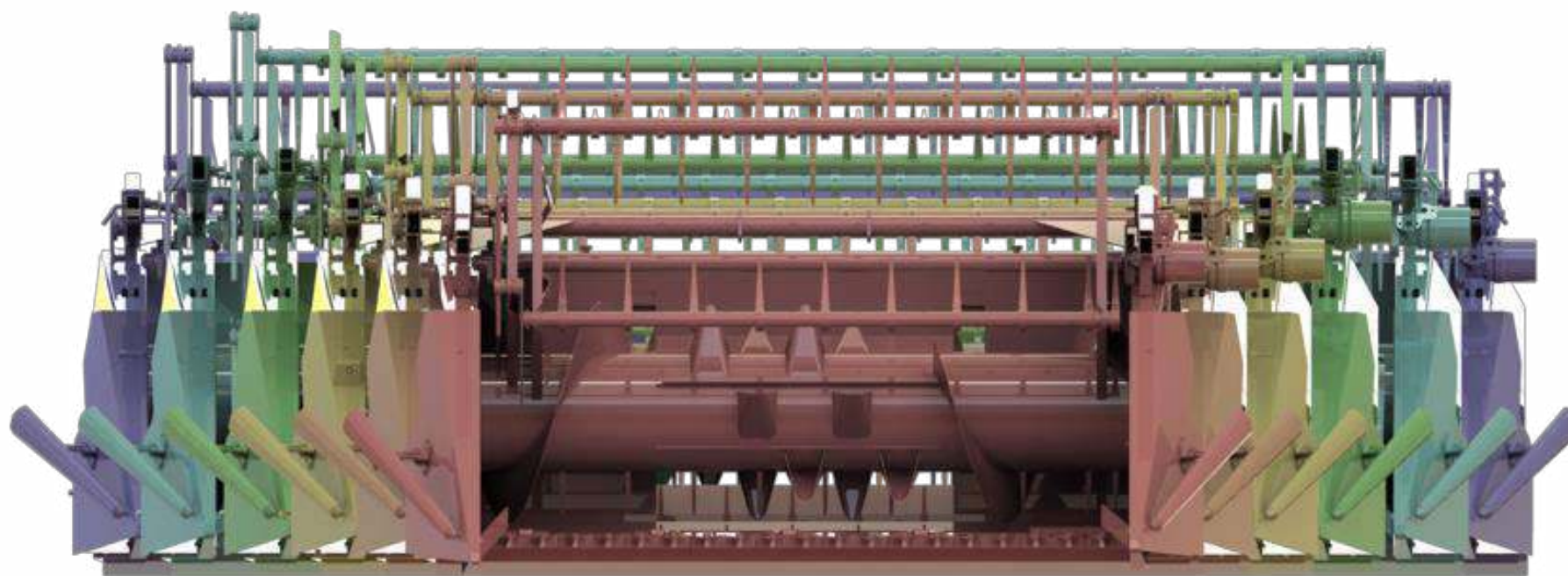
6.56

7.38

8.20

9.02

9.84



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

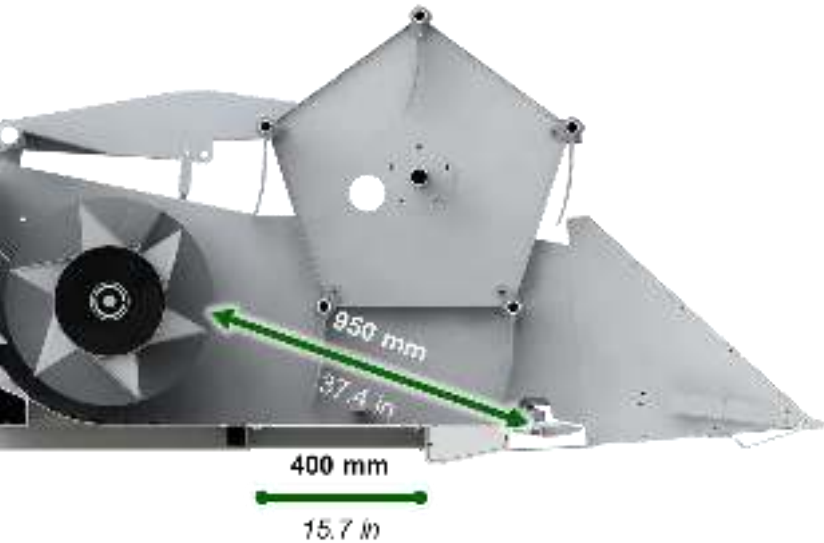


OPTIONALS FOR YOUR OPERATION

HALDRUP CUTTING TABLE



 CUTTING TABLE EXTENSION



 VERTICAL CUTTING BAR

 SWATH PICKER

 FLOATING CUTTING TABLE



DELIVERING THE BEST QUALITY IN DIFFERENT CONDITIONS

GERINGHOFF CORN HEADER

HIGH PERFORMANCE, RELIABLE, EFFICIENT

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





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

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 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

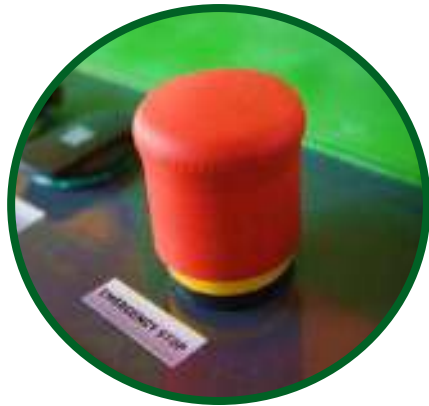


WINDSHIELD WIPERS WITH INTERMITTENT CONTROL



OFFERING A RELAXED WORK ENVIRONMENT

HALDRUP CAB COMPONENTS



EMERGENCY
SWITCH



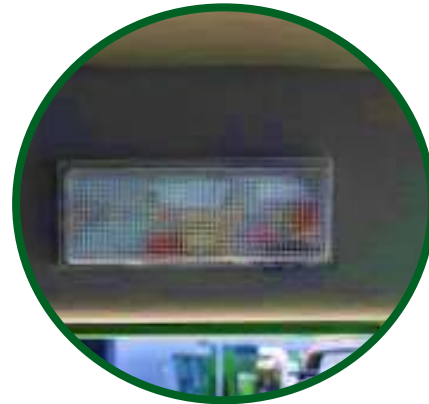
MULTIFUNCTION
JOYSTICK



AUDIO
SYSTEM



A/C &
HEATING SYSTEM



INTERIOR
LIGHTS



STANDARD /
COMFORT
SEATS

CONTROL AT YOUR FINGERPRINTS

HALDRUP USA

SIMPLE AND CONFORTABLE 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

-  139 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.

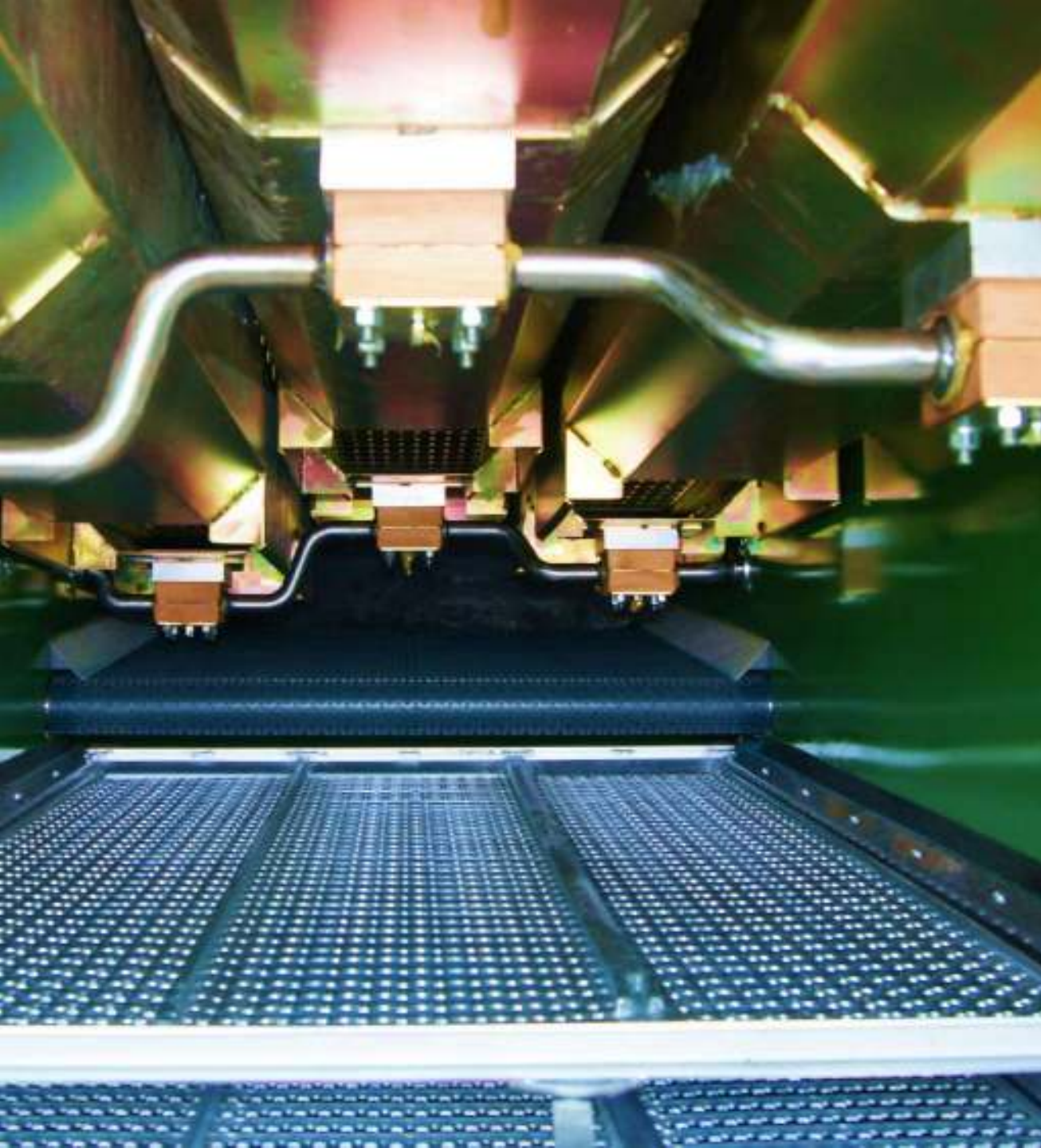
THRESHING & CLEANING

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

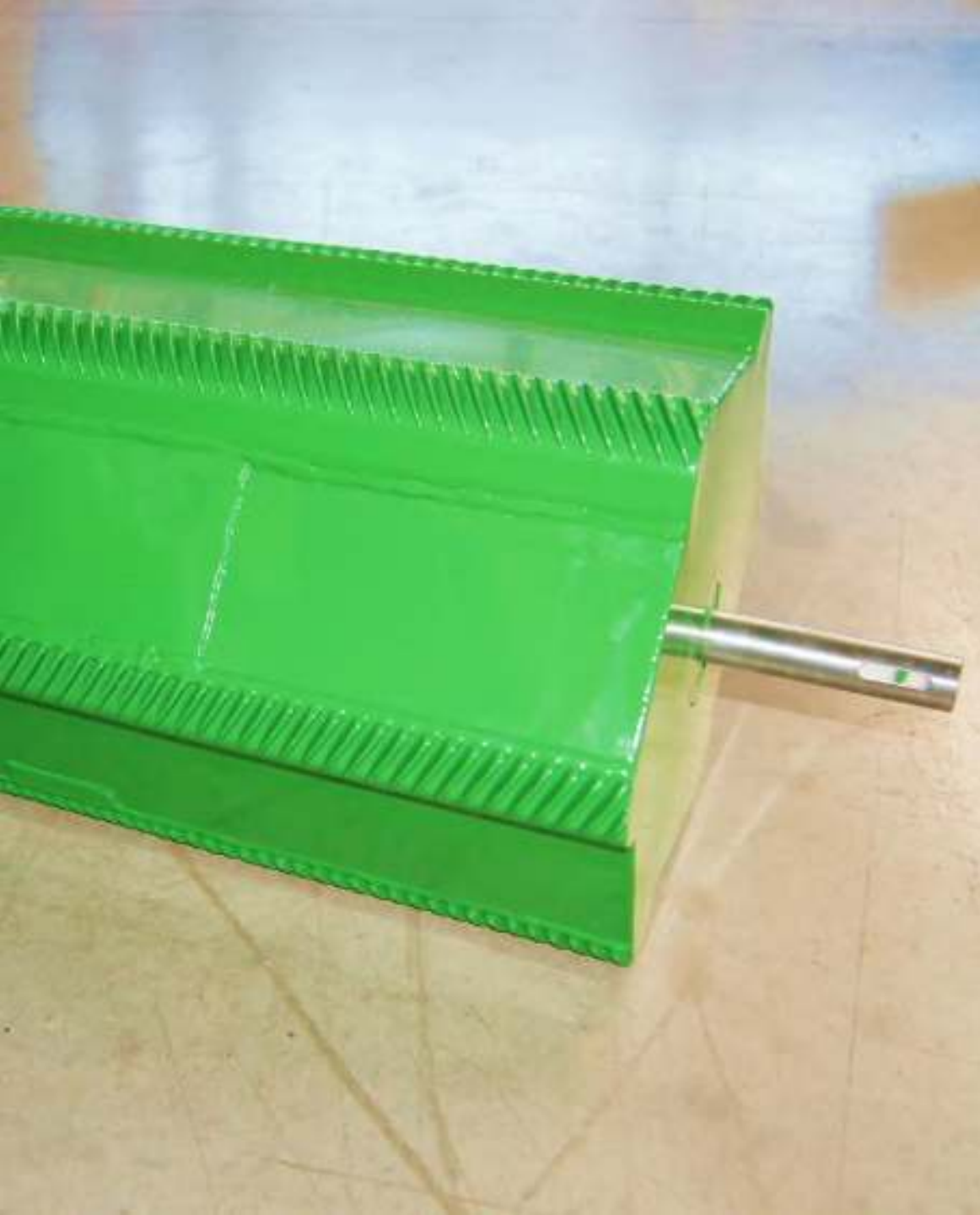
THRESHING AND CLEANING SYSTEM



DESIGNED TO OPTIMIZE RESULTS






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

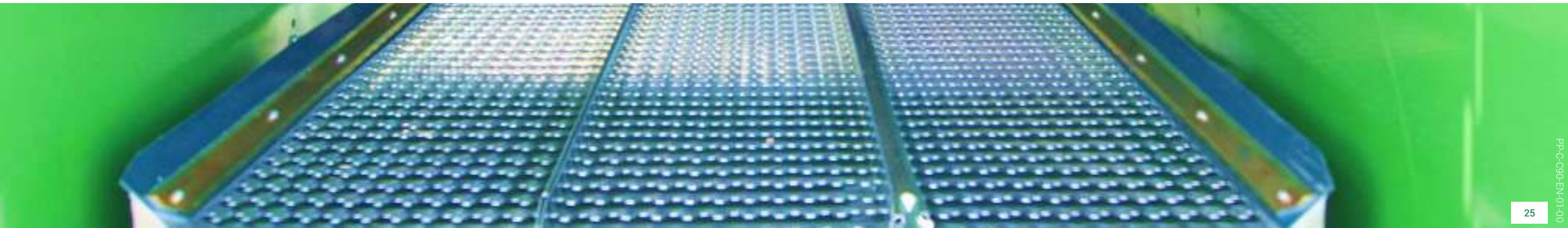
*optional



HALDRUP USA





MORE SEPARATION, FASTER & EFFICIENT

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

AUTOMATIC CLEANING CONTROL

TRANSPORT, CLEAN, MEANS QUALITY

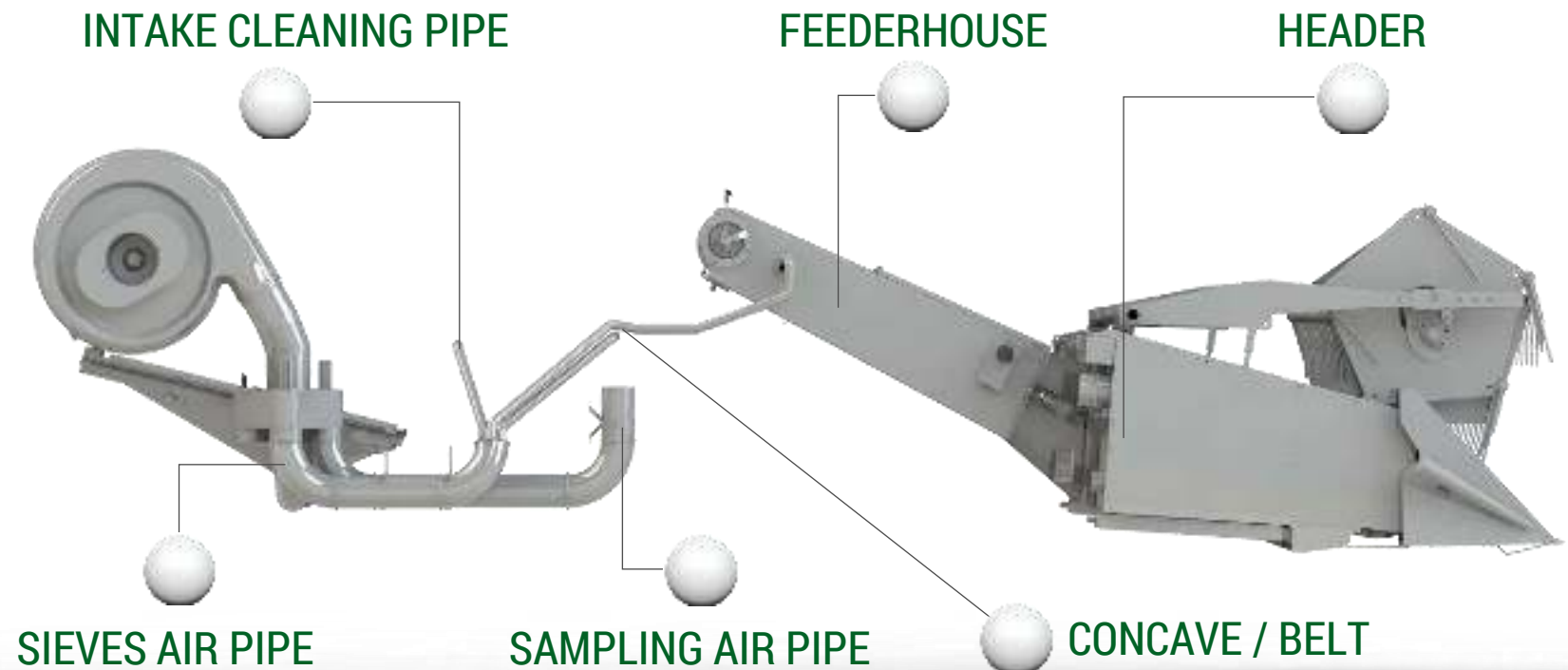
HALDRUP AIR INYECTION SYSTEM

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 INJECTION 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

-  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

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

HALDRUP DUST EXTRACTION SYSTEM

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

EASE ALSO IN TRANSPORTATION

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

MORE TRACTION FOR DIFFICULT SITUATIONS

-  HYDROSTATIC 4-WD
-  HYDRAULIC ENGINES ON THE STEERING WHEELS
-  2 SPEED RANGES
-  OPTIONAL THAT CAN BE INSTALLED LATER

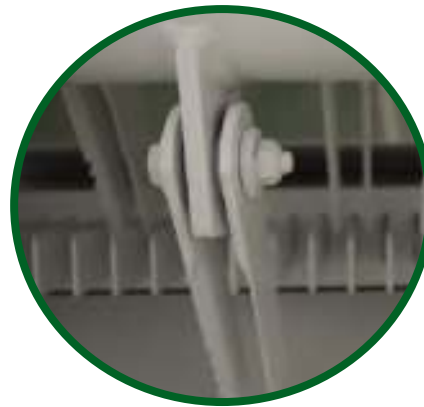
OPERATION REQUIRES OPTIONALS

HALDRUP OPTIONALS

NIR



STRAW CHOPPER



HARVEST MANAGER



SWIVEL LADDER







GRINDER







NIR

NEAR INFRA-RED SPECTROMETER

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





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



STRAW CHOPPER





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





HALDRUP GRINDER

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



WE ALSO MEASURE STRAW

HALDRUP STRAW WEIGHING

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



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