

M400

SERIES

- M410
- M400
- M410LC
- M400LC
- M400LCI



L LAVERDA

AGILE, DEPENDABLE, SMART: DISCOVER IT THROUGH THE CAB

SKYLINE CAB

Designed around the operator's needs, ensuring the best working conditions with automatic air conditioning and the TechTouch Terminal, and giving way to productivity with 360° visibility.

CUTTING HEADER

Free Flow and Power Flow cutting headers, for easier and more efficient harvesting of every crop type, with the hydrostatically driven pickup reel and the new TST automatic system for a constant cutting height.



GREEN-ENGINES

Emission level stage IV EGR and SCR technology Agco Power engines are designed for low fuel consumption, maximum economy, long life expectancy and reduced emissions.

WORKING IN
SPECIALIZED
AGRICULTURE
FOR MORE
THAN 140 YEARS

The skills and technological culture acquired during more than a century of history, make **Laverda one of the most qualified manufacturers of combine harvesters in the world.** This is reconfirmed by the customers who, on every continent, show their loyalty towards Laverda's quality and reliability and who appreciate our engineers' ability to develop and plan our **continuously evolving range.** Its history and being an integral part of the AGCO Corporation, one of the largest global groups in manufacturing and marketing agricultural machinery, make Laverda a reference point for farming enterprises that need dedicated solutions to support their eco-friendly, specialized agricultural needs. Today the Breganze manufacturing plant is the center of excellence for the production of combine harvesters for the AGCO Corporation's EAME markets.



PFR/MCS

The Power Feed Roller for a continuous and even flow; Multi Crop Separator Plus, a dual separation system in one for gentle yet efficient threshing and separation.

SIEVES HCD

The HCD (High Capacity Design) adjustable sieves, with exclusively designed blades. For an excellent and high performance separation. The sieves can be electrically regulated, with the advantage of permanent control over the grain recovery directly from the cab.

MODEL	kW (ECE R120)	STRAW WALKER	TANK CAPACITY	LEVELLING
M 410	265kW@2000rpm boost	6	9000	-
M 400	225kW@1950rpm boost	5	9000	-
M 410 LC	265kW@2000rpm boost	6	8600	20%
M 400 LC	225kW@1950rpm boost	5	8600	20%
M 400 LCI	225kW@1950rpm boost	5	8600	20% • 30% uphill

M400

SERIES

POWER FLOW VERSATILITY TAKES TO THE FIELD



KNIFE

The exclusive Schumacher system guarantees a higher cutting strength, precision, and a 1.220 rpm working speed even on green or damp crops. The strong and reliable gear box vibrates less therefore, less wear on the cutting header. The blades of the knife are double supported, constantly sharp and self cleaning, therefore more difficult crops like oil seed rape, peas and rye are tackled with ease.



REEL

The hydraulic reel can be regulated to 3 different positions, high enough to reach taller crops and low enough to allow the reel tines to reach below the knife making it reliable in crop pick-up even in laid conditions. The reel speed adjusts automatically, the Operator can set the speed ratio from inside the cab, so the reel will automatically compensate to the forward speed of the combine for perfect crop flow into the header.

TST

The **TST**, Tera Soft Touch levels the cutting header across the ground and lengthwise, thanks to two systems that work at two ranges of height (50 to 200 mm for short-stemmed crops, or 100 to 500 mm for taller crops). The new system is controlled by an **electronic proportional valve** which gives a more accurate leveling performance in all conditions, including field pressure control.



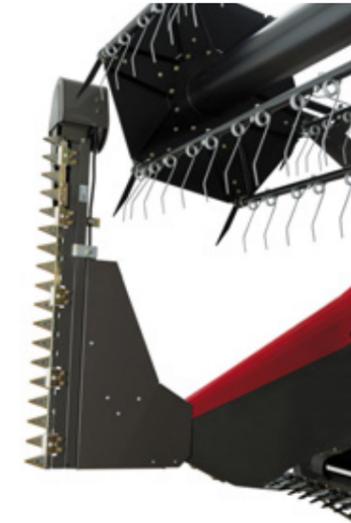
OIL SEED RAPE

Exclusive design of the Power Belt allows efficient collection of rapeseed without having to employ an additional kit, but simply installing optional side knives, where the crop dividers attach. A special rape auger (optional) can be easily installed above the main auger and can boost productivity when harvesting long stemmed oil seed rape.



POWERED BELT SYSTEM

The one meter length between the knife and auger, allow for improved performance and visibility. Tall and short crops can be cut and easily transported directly underneath the auger by the revolving power belt at a constant speed, increasing the productivity of the machine.



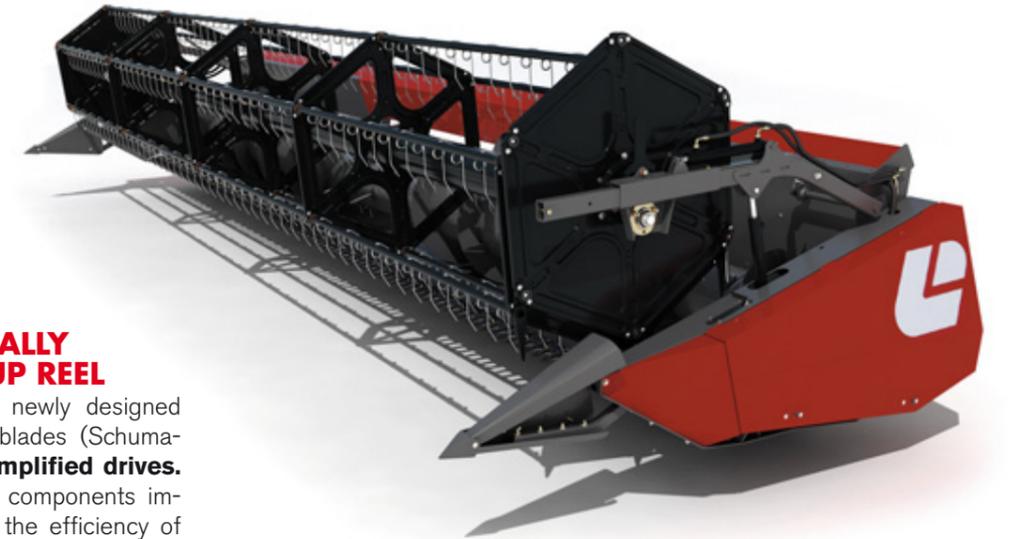
CROP DIVIDERS

The standard Torpedo foldable crop dividers were engineered for all types of crops and conditions. The assembly is quick and simple, not requiring the use of any tools. The unique design make it possible to fold the dividers making it easier to transport on the road.

L LAVERDA

FREE FLOW

EVERY SINGLE COMPONENT IMPROVES THE PERFORMANCE



HYDROSTATICALLY DRIVEN PICKUP REEL

It is equipped with newly designed tines, anti-clogging blades (Schumacher system) and **simplified drives**. This combination of components improves balance and the efficiency of the pickup reel on laid crops and is practically zero maintenance.



HEADER/MACHINE COUPLING

The cutting headers are hitched by a **centralized multiple coupling** system for all electric and hydraulic controls. This makes hitching a quick, simple and precise operation.



LARGE-DIAMETER AUGER

Thanks to a large-diameter auger with **larger flighting**, it allows for increased and improved feeding capacity.



OPEN-PROFILE FRAME

Provides **better visibility** (facilitating crop flow control) and **improves the handling** of long-stemmed crops. The frame is designed to simplify hitching and unhitching the cutting header.



TST

The **TST**, Tera Soft Touch levels the cutting header across the ground and lengthwise, thanks to two systems that work at two ranges of height (50 to 200 mm for short-stemmed crops, or 100 to 500 mm for taller crops). The new system is controlled by an **electronic proportional valve** which gives a more accurate leveling performance in all conditions, including field pressure control.

EASY REVERSE

The large Easy Reverse **skids with rounded edges**, located beneath the table, offer accurate control and easy operation even in reverse.



A FLOWING PRODUCT

CONTINUOUS
AND REGULAR CROP
FEEDING, TO EXPLOIT
THE GREAT CAPACITY
OF THE THRESHING
ELEMENTS

**WIDE CROP
ELEVATOR:
HIGH
PRODUCTIVITY
AND BETTER
VISIBILITY
FROM THE CAB**

Laverda knows that ideal threshing requires good preparation and consistent crop feeding. The **long crop** elevator, with large intake, is designed to improve the performance of the machine with a greater capacity, a smoother crop flow and the possibility of coupling with larger headers and offers the operator better visibility from the cab. Header lift capacity is improved with the lift cylinders lifting capacity up to 2.600 kg.

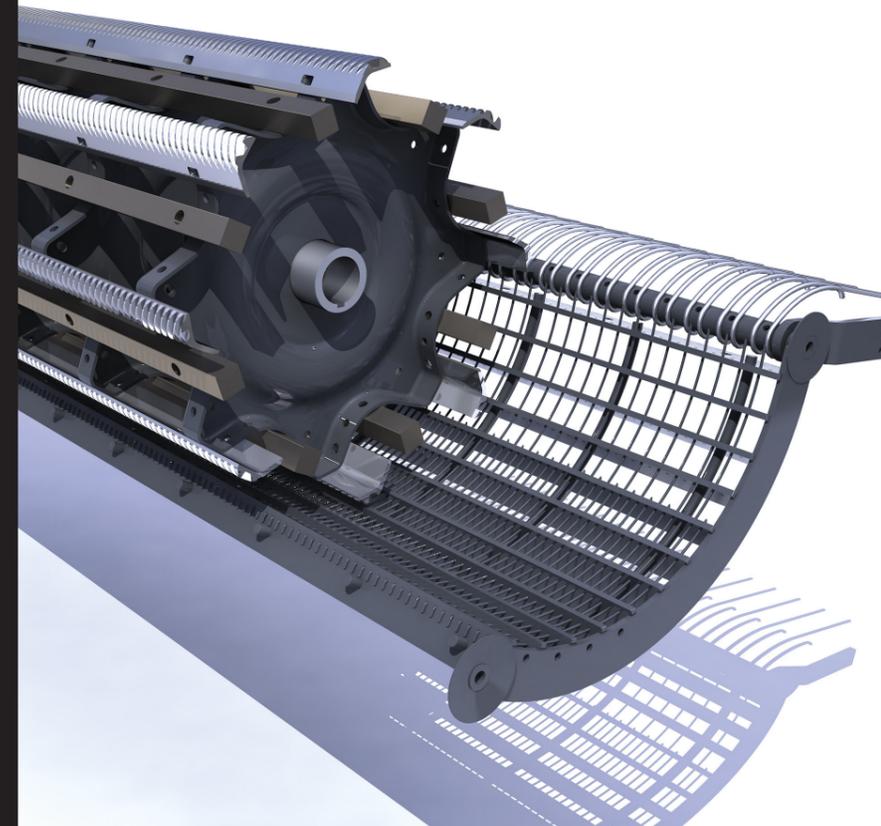


6 straw walker image



The **PFR**, Power Feed Roller system, based on a roller fitted with retracting fingers at the entrance of the elevator channel, is another solution to ensure the continuous and even flow of crop from the cutting header to the threshing apparatus. The advantages are plentiful: more regular threshing, constant levels of combine performance, lower power requirements, reduced fuel consumption and longer lasting drives. The benefits are obvious, both for your work and for your productivity.

**PFR
GET READY
FOR AN
INCREASE IN
PRODUCTION**

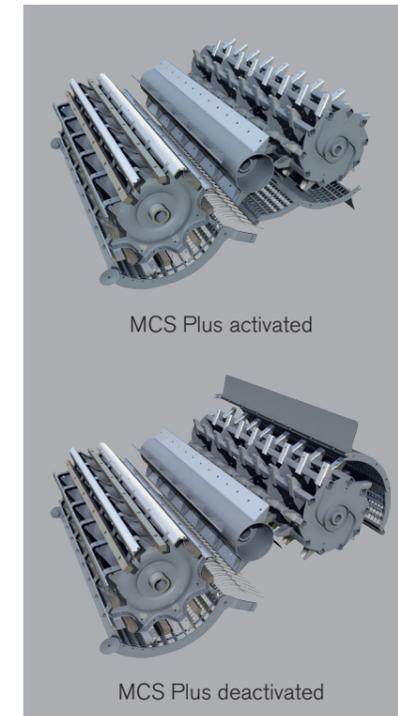


**THRESHING
THAT KNOWS
HOW TO HANDLE
ANY TYPE
OF HARVEST**

The **drum**, with a 600 mm diameter and a width of 1,340 mm, for the machines with 5 straw walkers and a width of 1,600 mm for the 6 straw walker machines, are equipped with eight trasp bars and eight ballast bars. This ensures that the crop is separated in an optimal way, while maintaining **the quality of the straw and grain**. The **ballast bars** give the cylinder a fly wheel effect, reducing the space between one bar and another; making the threshing process extremely regular and therefore even delicate straw and maize are processed gently. Moreover, the front and rear concave are electronically adjustable independently from the cab. This allows the combine to be quickly adapted to different types of crops in all types of conditions.

**MCS PLUS:
BETTER GRAIN
QUALITY,
BETTER STRAW
BALING**

The best performance from a combine is obtained when the grain is separated from the straw before the crop reaches the straw walkers. **The Multi Crop Separator Plus (MCS Plus)** subjects the crop to a forced separation action, however it can be deactivated if the crop is delicate with friable straw. This exclusive patented system, allows the separation capacity to be regulated based on the type of crop and its condition.



MCS Plus activated

MCS Plus deactivated

6 straw walker images

A truly all purpose system for the M 400 Series: it is two separation systems in one. The system maximizes the output of various crops in all types of conditions by generating maximum separation whilst maintaining the straw in excellent condition for baling. The operator can switch from an aggressive threshing action to a more delicate one several times a day, by simply pressing a switch, a further advantage for increasing the performance. A notable feature is offered with the integration of the **REV module** in the MCS system. Laverda's REV module increases the separation area by 20% and widens the wrapping angle to 120°, while getting the most out of the entire length of the straw walkers. MCS Plus: a further advantage for increasingly higher performance.

**HIGH
PRODUCTIVITY
SOLUTIONS**



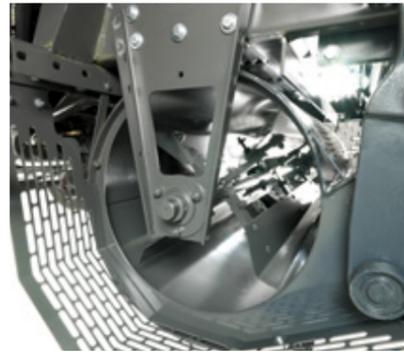
MAXIMUM EFFICIENCY AS A STANDARD

Laverda's long **straw walker system** achieves further active separation thanks to the exclusive design of the walker pans and steep steps.



The generously sized grain pan prepares the "grain chaff" and is the start of the cleaning process before the material reaches the sieves and fan. The **HCD High Capacity Design** adjustable sieves, with their special profile and opposing action, are part of the standard equipment on the M 400 Series combines. They clean the grain to a high standard and make the whole process more efficient, thanks to their exclusive design. The sieves can be electrically regulated, with the advantage of permanent control over the grain recovery directly from the cab.

The powerful **fan with a differential flow rate** has two air inlets at the sides and one at the top. In addition to cleaning the grain, these features guarantee superior performance and low fuel consumption in all crop conditions.



The M 410 and M 400 have a **9.000 litre grain tank**, while hillside models have a designed **8.600 litre tank**. All models have a unloading rate of 105 litres/sec. Features which allow the combines to achieve considerable daily production rates. The unloading tube, positioned at the top of the tank, where it can be clearly seen in action by the operator, makes filling any size of trailer an easy task.



The **comprehensive lighting system, with adjustable high-intensity H9 headlights**, allows you to work at night with total visibility for as long as the harvesting conditions allow.

STRAW CHOPPER AND CHAFF SPREADER A PERFECT ADDITION



The **new 6 row straw chopper** is specifically designed to give chopping and spreading performance suitable for farmers using reduced tillage operations. The knives, 72 for 5 straw walkers and 88 for 6 straw walkers, are serrated to give a clean fine chop and reduce the power required.

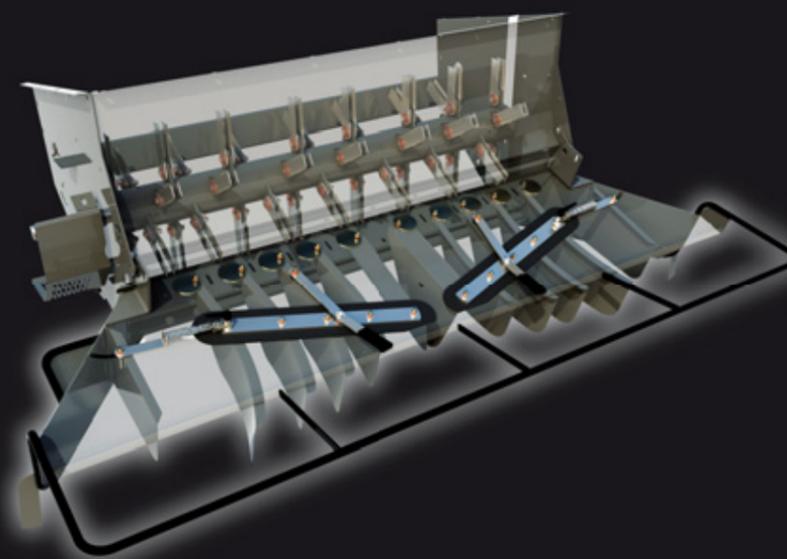
The fully adjustable stationary knives and straw chopper hood ensure complete control over the quality and spread of the chopped straw.

An adjustable dimple plate is standard to make sure straw is chopped consistently.

Electrical deflectors for the straw chopper are available as an option. This allows the straw to be directed from the uncut crop if required.

For those that require straw, the threshing system is gentle and leaves the straw in perfect condition for baling feed and bedding straw or producing products for power generation.

To ensure effective distribution of the residues from the sieves, Laverda offers another important accessory: the **chaff spreader**, which can be quickly adjusted to suit crop conditions. Chaff is spread in an efficient manner thanks to the **twin fan action**.



SKYLINE CAB
WORK
WITH THE TOP
OF COMFORT
AND
TECHNOLOGY





SPATIAL INTERIOR AND A FULL VISUAL FIELD

DESIGNED AROUND THE OPERATOR

The Skyline Cab has been developed by Laverda engineers to create a well designed ergonomic control center for operating ease and efficiency, while at the same time providing a spatial and extra comfortable working environment. The cab interior is functional and practical while its light grey interior has a feel and look of quality, perfect for high technology machinery.

A COMFORTABLE WORKPLACE

Easy access is guaranteed by a telescopic ladder and wide cab entrance. With an **optimal seating position** in the air-suspended seat, plenty of legroom and the fully adjustable steering wheel, operators can expect **maximum comfort** in the Skyline Cab.

The fully automatic air-conditioning/heating, instructor seat with cooler and storage make the day's work load much easier. Excellent sound isolation with innovative material and the most cutting edge technology in the market (PVB acoustic film). Also available as options are a CD player, GPS satellite system and the "Ceres 8000 i" for performance and recording output levels. An important addition has been introduced as optional, the Multimedia Navigation "NY 800" with a 6.2-inch colour touch screen, with features such as: navigation system, radio, CD and DVD player, two USB ports and SD card slot, Bluetooth technology, and AV-IN (audio-video).

SKYLINE CAB INSIDE THE FUTURE



PERFECT ALL-ROUND VISIBILITY

Visibility is enhanced with the large windscreen, giving an uncluttered view of the header. Electrically adjustable side mirrors and a large array of high intensity H9 working lights enable the operator to view all of the **key visibility lines needed during the day and night**. From the header and the crop elevator in the front to the grain tank behind through the viewing window and the discharge tube to the side, all-round visibility from the cab is guaranteed. And if that wasn't enough, it is possible to see even more since the combine is equipped with a **rear video camera as standard**. When driving forwards or in reverse, the camera allows you to look into blind areas, providing comfort and greater safety while driving the vehicle.



A RATIONAL AND ERGONOMIC COMMAND CONSOLE

The console provides a simplified operability and optimal management of each function. Achieving two objectives: greater comfort for the operator, greater efficiency in work.

Everything is under control in the Skyline Cab since, all the important operating functions are at the operators fingertips, while using **the multifunction Powergrip lever, the TechTouch Terminal, the toggle switches and the membrane keypad**.



POWERGRIP ARMREST

The clearly laid out and well designed right-hand armrest is the central operating unit with which operators can make all settings and adjustments. The operators can place their arm comfortably on the adjustable armrest with immediate access to the toggle engagement switches.



POWERGRIP LEVER

The position of the user-friendly Powergrip lever makes it a perfect hand rest for the entire day, offering intuitive use, ergonomic shape and angle tilt. The most important cutting functions and the integrated grain unloading on/off controls are managed by the conveniently placed buttons. Pulse operation for forward and reverse mean that your arm doesn't have to continually move up and down the armrest as other systems. With the Powergrip multifunction lever it's all in the palm of your hand!



KEYPAD

The membrane keypad is located directly on the right side of the armrest and is used to operate the principle functions. The soft, raised keys lead directly to the individual menus on the TechTouch Terminal. For the M 400 Levelling Concept Series, there is a further set of switches for specific functions for regulating the levelling system.



CONTROLS

- 4WD ENGAGEMENT
- PARKING BRAKE ENGAGEMENT
- CUTTING HEADER ENGAGEMENT
- THRESHER ENGAGEMENT
- ENGINE SPEED SETTING

FRONT CONTROLS

- REEL FORWARDS / BACKWARDS
- REEL UP / DOWN
- AUTOMATIC STOP
- CUTTING HEADER TILT
- CUTTING HEADER LEVEL LEFT /RIGHT
- UNLOADING ENGAGEMENT
- UNLOADING TUBE OPEN / CLOSE

REAR CONTROLS

- REEL SPEED SETTING
- PROPULSION ACTIVATION

KEYPAD CONTROLS

- FAN SPEED SETTING
- DRUM SPEED SETTING
- FRONT CONCAVE CLEARANCE
- REAR CONCAVE CLEARANCE
- UPPER SIEVES SETTING
- LOWER SIEVES SETTING
- VERTICAL KNIVES ENGAGEMENT
- GRAIN TANK COVER OPEN / CLOSE
- STRAW CHOPPER DEFLECTOR ON / OFF
- ROAD MODE

LC CONTROLS

- LEVELLING SYSTEM REGULATION

TECHTOUCH TERMINAL

TOTAL CONTROL WITH ONLY ONE TOUCH

Laverda understands the requirement for a multi-functional Hi-Tec terminal in a combine, however it's also very important that the technology is easy to use. Therefore, Laverda introduces the **TechTouch Terminal**, a new generation of terminals, which has been developed for the operation needs of the combine harvester. It can conveniently be used with both touch screen technology or the navigation keys and rotary control.

The **10.4"** TechTouch Terminal guarantees detailed machine monitoring and control with its intuitive, multi-lingual menu with a flat hierarchy. Users can navigate quickly and have **4 applications** displayed simultaneously. Day or night the high resolution scratch free screen can be viewed since it adjusts automatically to the ambient brightness.

The clutter-free display is quite flexible, it can be personalized and easily modified, also allowing you to have a full screen view or quarter screen view of the rear video camera. The terminal **graphics are designed to be simple and intuitive** to use, through a one control logic for all applications, a clear menu of self explanatory symbols for easy orientation.

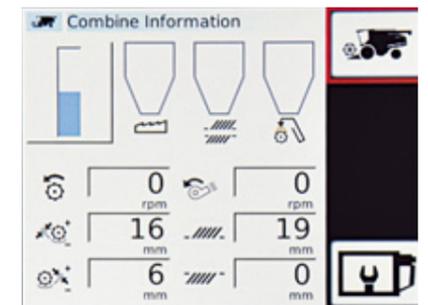
Default and personalized settings in the TechTouch Terminal can be saved and recalled at a later time.

VIRTUAL DASHBOARD AREA



Everything is under control. In this quadrant all the **essential combine values** can be monitored, while working: fuel level, urea level, engine speeds, combine forward speed, grain tank level, opening / closing the unloading tube, road mode, alarms, park brake, or the gear indicator.

SET UP AREA



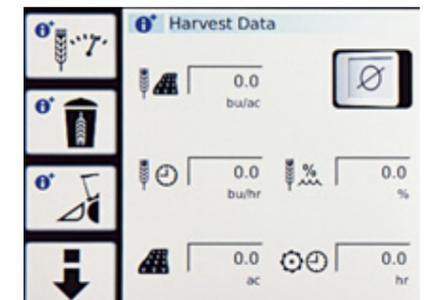
In this area, one can view the important parameters of the harvesting combine. Shortcut keys can be assigned different functions – for example the **sieves can be electronically adjusted** from this screen. Up to **10 different** counters can be memorized to provide information on the working metrics, fuel consumption and performance. There is also the possibility to use the default settings or custom settings to quickly configure the machine to thresh different crops.

VIDEO CAMERA



The large 10.4" Techtouch Terminal is connected to the **standard rear video camera**. In addition to comfort, this provides greater safety in maneuvering the vehicle and harvesting jobs, since the camera allows you to look into blind areas. Images from the video camera can be shown at the same time in the quarter screen display or in full screen display.

INFO PLUS AREA



In this screen area, the operator can choose to display **additional information** that is more specific to the combine harvester itself. In this way, the operator can select the parameters that he wants to always have visible.



GUIDANCE AND PRECISION FARMING

SIMPLE TECHNOLOGY ADDITIONS



GUIDANCE ENGAGEMENT



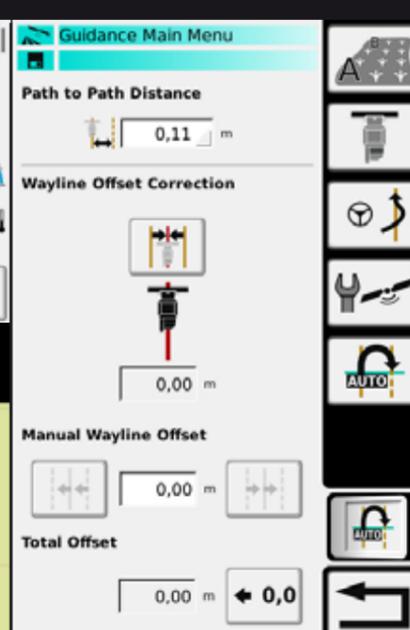
Using the latest technology – the AUTO-GUIDE xls option can steer you through to higher performance optimising the field layout - easily set from the TechTouch Terminal AUTO-GUIDE xls can offer accuracy down to 5 cm. Automation leaves the operator to focus on getting the best from the whole machine. A button on the Powergrip Lever reactivates the system when turning on the headland.

SIGNAL

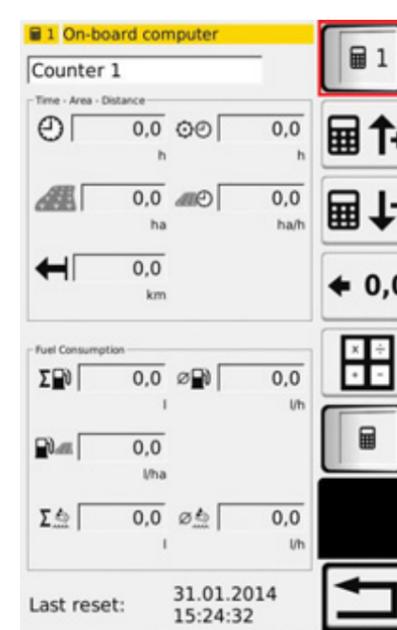


AUTO-GUIDE XLS WORKFLOW SCREEN

SET UP SCREEN



INFORMATION LOGS



The TechTouch Terminal can provide performance information through the resettable trip counters gathering metrics such as area harvested, fuel used and time taken. Field names can be set up to make management simpler and allow the operator to collect data on the machines performance.



AGCOMMAND®

AgCommand is AGCO's global telematics and asset management tool. It offers complete fleet management with positions, performance, fuel economy reports for the machines, wireless communication, theft recovery and a web-based application for easy access to data, along with iPad® and iPhone® mobile apps. AgCommand helps connect mixed fleets for any size of operation.



NEW LEVELLING CONCEPT

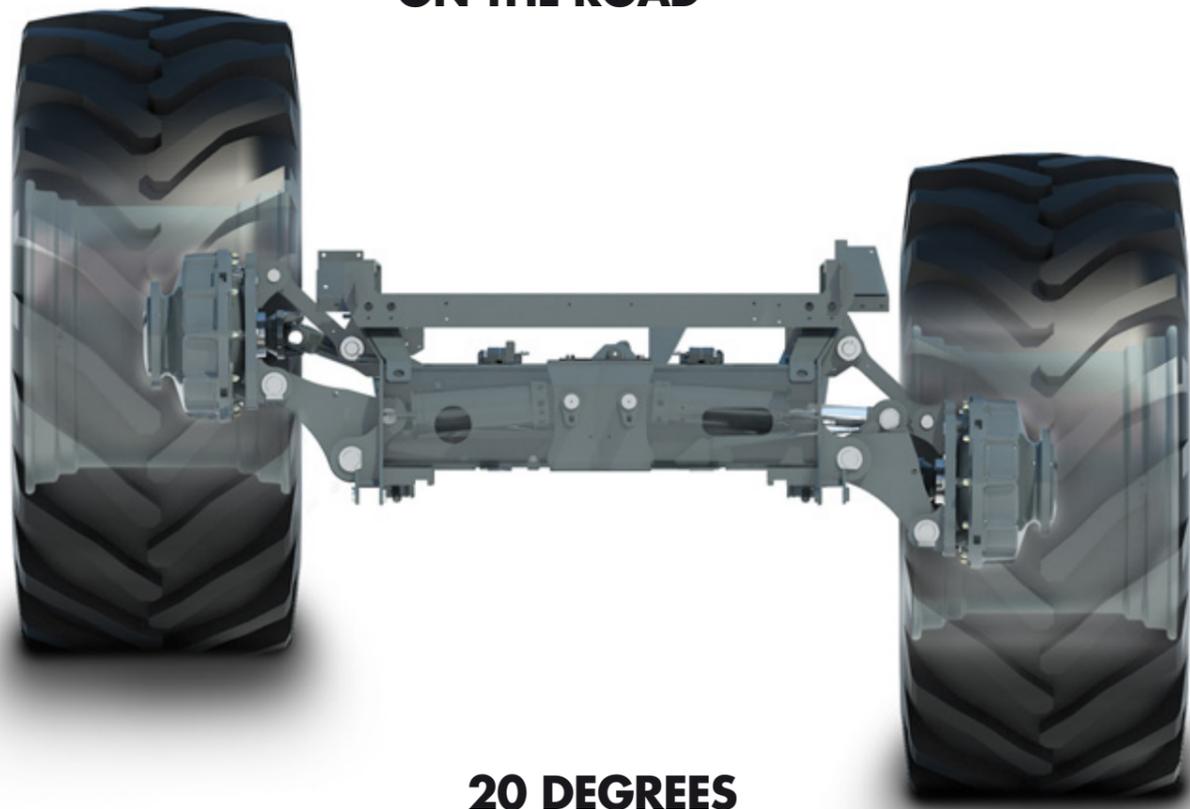
A LEVELING SYSTEM
THAT OFFERS "ELEVATED"
TECHNOLOGY TO MOVE
WITH AGILITY AND SAFETY,
WHERE OTHERS STOP

The M 410 LC, M 400 LC and M 400 LCI models rise above the group because of Laverda's exclusive and patented, **lateral action levelling system**, based on 2 movements: machine body levelling, and table levelling. The lateral levelling system uses two reinforced joints that, through electrohydraulics, provide a lateral adjustment of the machine on different gradients of the terrain. This enables a **transverse levelling of up to 20%** and makes it possible to work well on European hillsides, assuring high performance in total comfort and with the maximum safety.



**EXCLUSIVE
LEVELLING
AND REDUCED
OVERALL
EXTERNAL
DIMENSIONS:
A DOUBLE
ADVANTAGE
AT WORK AND
ON THE ROAD**

Excellent stability and minimal soil compaction are guaranteed by large tyres (800/65 R32). The lateral levelling system reduces **outer dimensions to just 3,50 m** (machines with 5 straw-walkers), ideal for road travel even on narrow roadways. External dimensions can be further reduced by up to 3,30 m, opting for a different size of front tyres (710/75 R32 or 650/75 R32). For steep slopes, it's crucial to equip the combine with strong final drives that receive and transmit high torque for maximum traction and power on all ground conditions. The **final drives**, a Laverda exclusivity, are equipped with **10 bolts**, and are standard on the three models.



20 DEGREES

< 3,50 m* >

*depending on brand of tyre

**M 400 LCI:
LEVELLING
EVERY
DIFFICULTY**



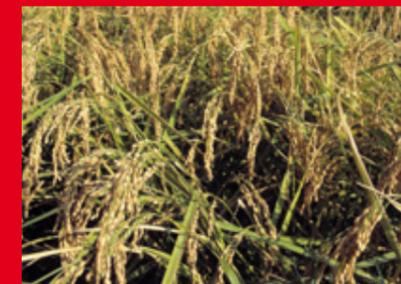
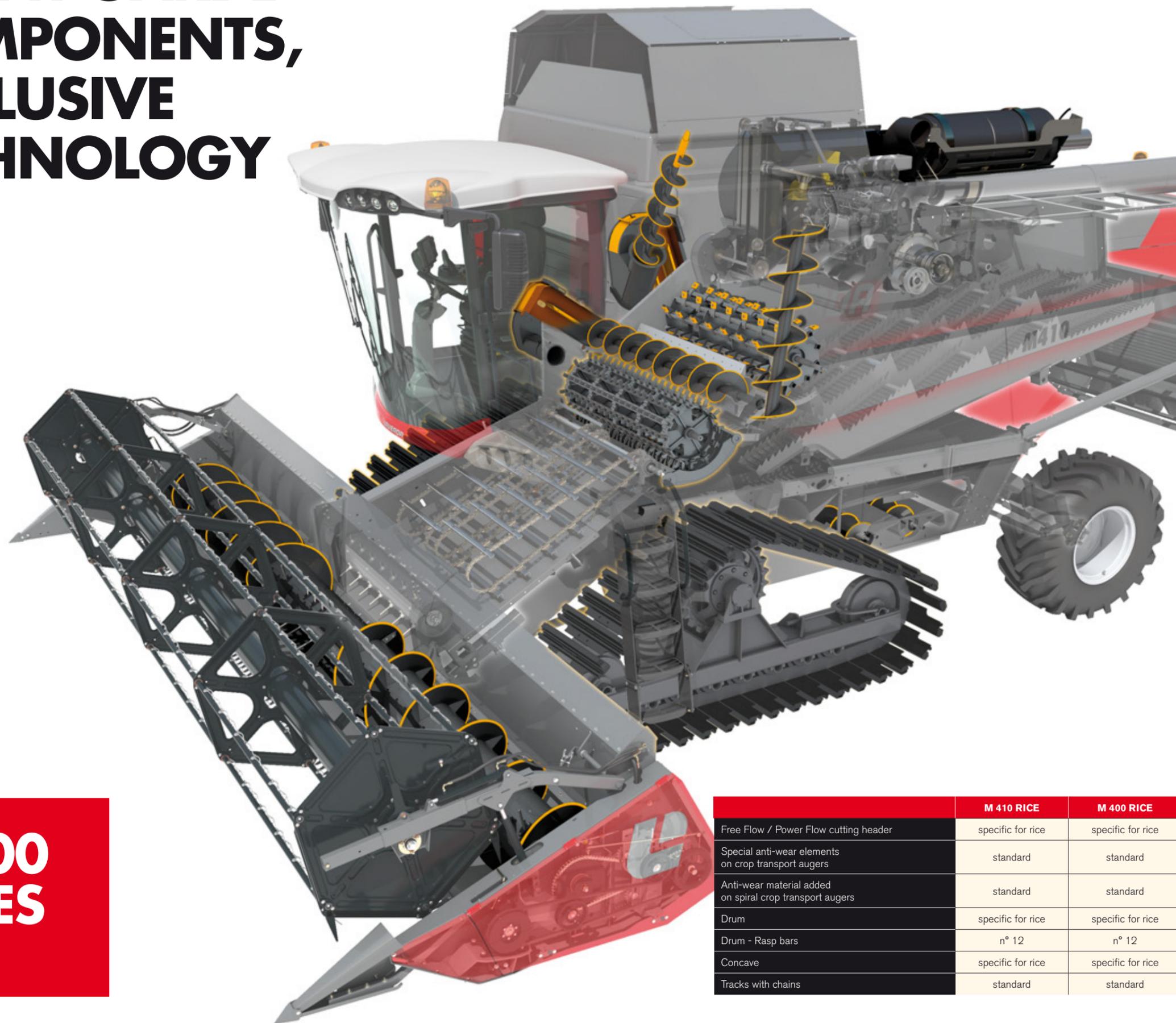
Exceptionally agile and comfortable to use on all types of terrain, Laverda's M 400 LCI combine provides high capacity and is ideal for harvesting on rolling-hill areas. This model offers perfect positioning and an extremely precise and reliable levelling system. Thanks to sophisticated engineering, **the combine can work on lateral gradients of as much as 20%, up to 30% uphill.**



The 4WD on Laverda's M 400 LCI guarantees optimal control over the vehicle even on the most difficult land and in the most adverse conditions. The four-wheel drive and the front and rear levelling allows the machine to work in all directions and over vast areas, making following straw harvesting operations much easier to deal with.

LAVERDA

AVANT-GARDE COMPONENTS, EXCLUSIVE TECHNOLOGY



M 400 Series Rice combines have been created to meet quality rice-cultivation requirements even in countries where the climate allows more than 2 harvests per year. The Free Flow and Power Flow cutting headers with **TST** (the automatic system that follows the ground and achieves intelligent cutting), the feeder with retractable fingers (**PFR**) able to even out the most intertwined rice crop and feed the threshing components in a perfect manner. Reliable machines that ensure quality harvesting for any variety of rice.

For working on rice, a **specific drum** has been designed with teeth arranged over 12 bars. The drum has great inertial mass that ensures stability of the system for the delicate treatment of the rice.

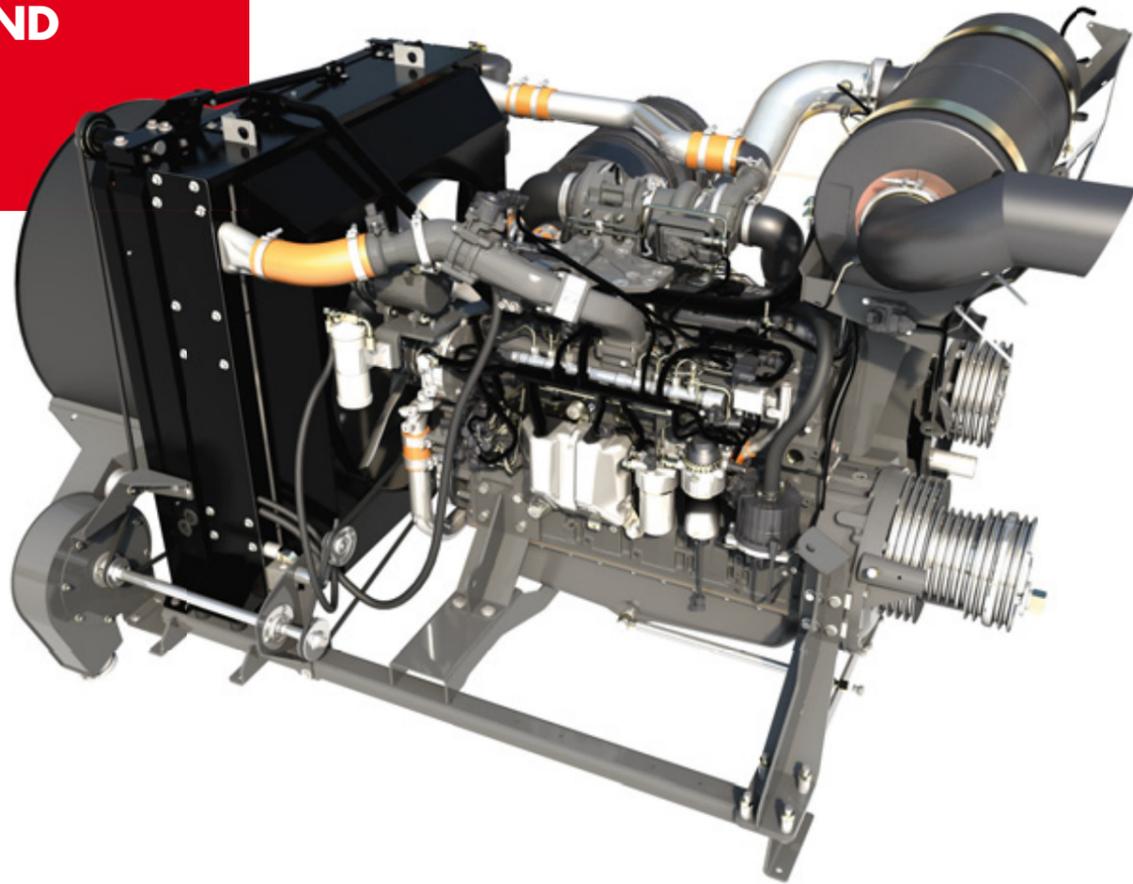
The rice concave, an exclusive Laverda design, is also toothed, with large discharge surfaces that are ideal for processing particularly damp and infested crops. The Multi Crop Separator Plus has a specific shape and comes with **special wear proof components**, as do the augers and elevators.

This ensures that the components are longer lasting and offer maximum separation from the straw. Laverda's M 400 Series Rice combines are equipped with tracks, selflubricating rollers and large pressure blocks to achieve an optimal floating action and make the combine easy to manoeuvre on rice fields.

M 400 SERIES RICE

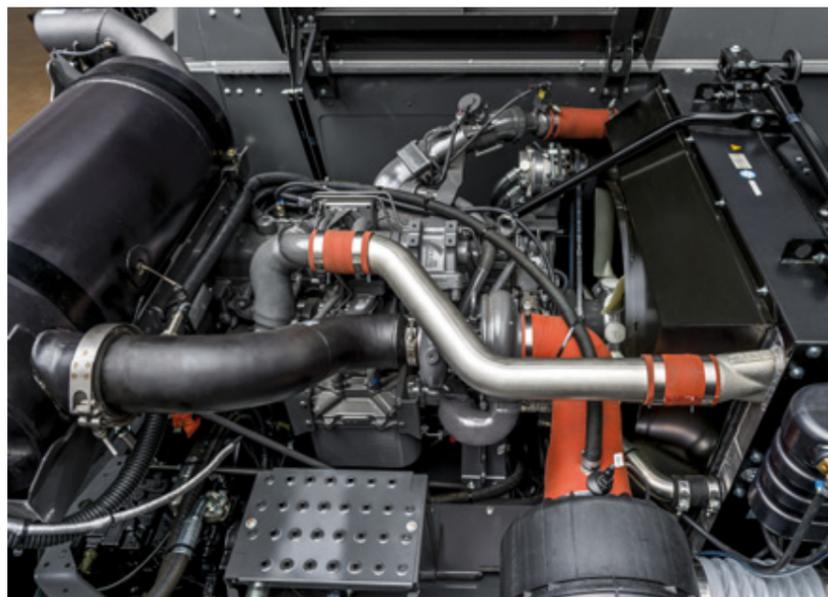
	M 410 RICE	M 400 RICE
Free Flow / Power Flow cutting header	specific for rice	specific for rice
Special anti-wear elements on crop transport augers	standard	standard
Anti-wear material added on spiral crop transport augers	standard	standard
Drum	specific for rice	specific for rice
Drum - Rasp bars	n° 12	n° 12
Concave	specific for rice	specific for rice
Tracks with chains	standard	standard

AGCO POWER
ENGINES
PUT IN MOTION
WITH SAVINGS
AND THE
ENVIRONMENT
IN MIND



To get the very most out of the **M 400 Series** combines, we have chosen the emission level **stage IV Agco Power engines** designed for low fuel consumption, maximum economy and long life expectancy.

These engines have **EGR*** (Exhaust Gas Recirculation) and **SCR** (Selective Catalytic Reduction) technology, which reduce atmospheric emissions without any negative effects on operations and maintenance, just a more efficient fuel use and therefore reducing operating costs. In all M 400 Series combines there is an electronic system, which controls power in an intelligent way, providing extra power during unloading operations.



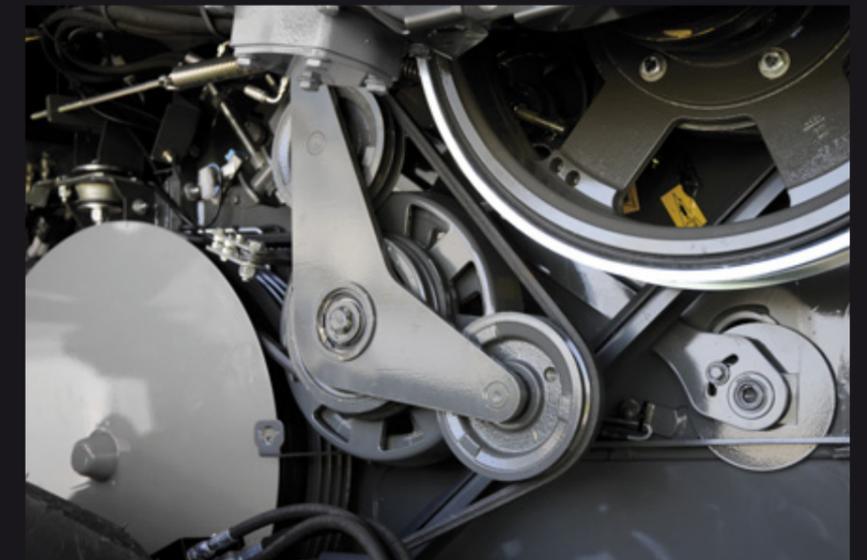
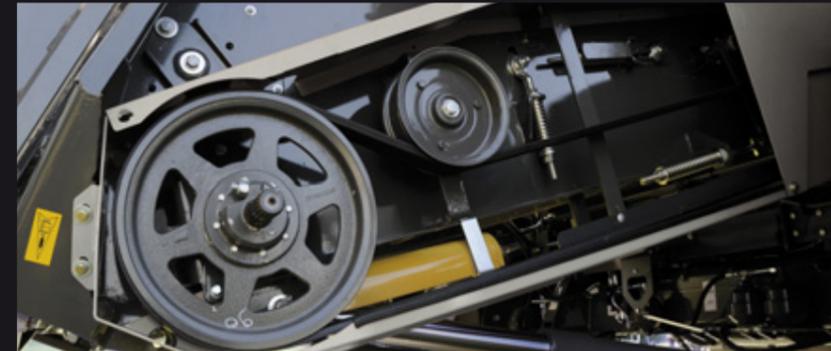
* only for 84 AWF.937

DRIVES

Drives for the header, threshing system and hydrostatic unit, located on the left side of the machine, are strong and reliable. Each part is sized to performance, from the **large diameter pulleys to the multiple belt drives**. Strong components guarantee durable high performance even in difficult conditions.

The **exclusive reverser**, for the header and crop elevator, has three times the power of the traditional system. This makes unblocking smoother and easier for the operator, while improving the system's efficiency and increasing work safety.

The **hydraulic system** is equipped with a special pump linked with the hydrostatic pump to provide direct hydraulic power with maximum efficiency and no power loss.



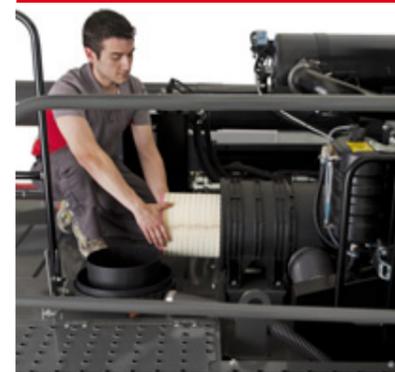
**“MADE IN LAVERDA”:
THE RELIABILITY AND
STRENGTH THAT ENHANCES
THE TECHNOLOGICAL
INNOVATION**

SIMPLIFY WORK: ANOTHER WAY TO INNOVATE

**LARGE DOOR
TO GET TO
THE ENGINE
AND OIL LEVEL**



**CHECK AND CHANGE
THE AIR FILTER
IN NO TIME**



**EASY
GRAIN TANK ACCESS
FOR CLEANING**



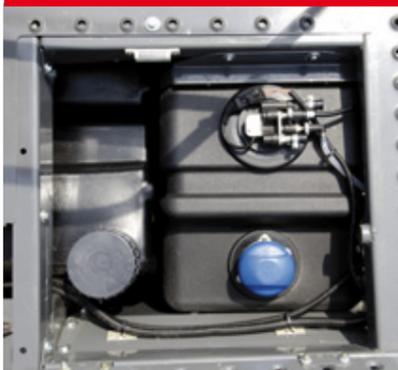
**USER-FRIENDLY
AND ATTAINABLE
GRAIN PAN**



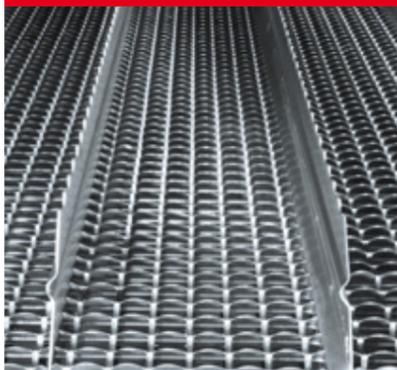
**EFFORTLESS
AND SECURE
RADIATOR CLEANING**



**SIMPLE REFUELLING
ACCESS
FOR BOTH TANKS**



**CLEVER DESIGN
FOR SIEVE CLEANING
AND REPLACEMENT**



**QUICK DEACTIVATION
OF STRAW CHOPPER
FOR BALING**



**MASSIVE LATERAL DOORS
FOR SPEEDY
AND COMPLETE
INSPECTION**



**FAST DISENGAGEMENT
OF MCS
IN DRY CONDITIONS**



SIMPLE MAINTENANCE,
SHORTER SERVICING
TIME, LOWER COSTS.
EVERYTHING IN THE M 400
SERIES IS DESIGNED TO
FACILITATE WORK
BASED ON PRINCIPLES OF
RATIONALITY

LAVERDA



Laverda After-Sales Assistance Service can provide our Dealers, Importers and Retailers with **continuous updates** about everything that concerns the way our combine-harvesters operate, how they are serviced and how to always get the very best out of the machines. But the After-Sales Assistance Service goes even further thanks to Laverda's efficient Parts Service. Organized so to provide our Dealers and Importers with a phone assistance service during the harvesting season, Saturdays and Sundays included, customers can rest assured that their **machines will never remain idle through lack of spare parts.** The delivery lead times for spare parts are always extremely fast. The Laverda Service technicians, thanks to their practical experience, compile operation and maintenance manuals and training manuals for a **truly global service.**

CUSTOMER CARE YOUR PEACE OF MIND, IS INCLUDED IN THE ORGANISATION AND TIMING OF OUR CUSTOMER SERVICE



The After-Sales Assistance Service and the Parts Service work in synergy and in close collaboration with each other, and our technicians are always ready to assist Dealers and Importers when required. We are well aware that our success depends on your satisfaction when it comes to the quality of the products and service you receive. As you know, your "partner's" best work depends on the constant respect of the specified inspection timetable and on the quality of original Laverda spare parts.



ONE BY ONE, SOLID AND RELIABLE PARTS, TOGETHER MAKE A PERFECT WORKING MACHINE



1 FREE FLOW / POWER FLOW CUTTING HEADERS

Large-diameter auger, sturdy frame, hydrostatically driven pickup reel and newly designed tines integrated with the TST electronic system. **Free Flow** Cutting width: 4,80 m - 7,60 m. Cutting frequency: 1.254 rpm. **Power Flow** Cutting width: 5,50 m - 7,70 m. Cutting frequency: 1.220 rpm.

2 PFR

A roller fitted with retracting fingers at the entrance of the elevator channel to ensure the continuous and even flow of the crop from the cutting header to the threshing apparatus.

3 DRUM

Equipped with eight rasp bars and eight ballast bars, ensuring that the crop is separated in an optimal way, while maintaining the quality of the straw and grain.

4 CONCAVE

Equipped with 12 bars. Differentiated mesh; independent front/rear concave adjustment.

5 MCS PLUS

Patented separation system for the forced separation action before the crop reaches the straw walkers, which can be deactivated when crop conditions require. Electric control system activation. Total forced separation surface: 1,89 m² (5 straw walkers) – 2,25 m² (6 straw walkers).

6 STRAW WALKERS

The long straw walker system achieves further active separation thanks to the exclusive design of the walker pans and steep steps.

7 CLEANING SYSTEM

HCD High Capacity Design sieves with opposing action, can be electrically regulated, directly from the cab. Fan with differential flow rate has two air inlets at the sides and one at the top.

8 CAB

Skyline Cab with automatic climate control and the TechTouch Terminal, provides functionality and comfort as well as visibility at 360°.

9 GRAIN TANK

Achieves a considerable daily production rate thanks to a 9.000 litre grain tank (flat land models) and 8.600 (hillside models) with an unloading rate of up to 105 litres per second.

10 ENGINE

Agco Power engines with EGR and SCR technology and Common Rail fuel system. Power rating: 265kW@2000 rpm boost or 225kW@1950 rpm boost. 4WD is standard for hillside models.

11 STRAW CHOPPER

The new 6 row straw chopper is specifically designed to give chopping and spreading performance suitable for farmers using reduced tillage operations.

12 UNLOADING TUBE

The unloading tube is positioned at the top of the grain tank, where it can be clearly seen by the operator and makes the process of filling any size of trailer an easy task. Length 5,00 m; Height 4,50 m.

L LAVERDA

TECHNICAL SPECIFICATIONS*
M 410
M 400
M 410 LC
M 400 LC
M 400 LCI

Cutting header						
Free Flow - Cutting width	m	4,80-7,60	4,80-7,60	4,80-7,60	4,80-7,60	4,80-7,60
Power Flow - Cutting width	m	5,50-7,70	5,50-6,80	5,50-6,80	5,50-6,80	5,50-6,20
TST		standard	standard	standard	standard	standard
Crop elevator						
Feeding system		PFR	PFR	PFR	PFR	PFR
Drum						
Drum diameter x width	mm	600x1.600	600x1.340	600x1.600	600x1.340	600x1.340
Rasp bars	n°	8	8	8	8	8
Ballast bars	n°	8	8	8	8	8
Concave						
Bars	n°	12	12	12	12	12
Wrapping angle	degrees	120	120	120	120	120
Independently adjustable front/rear concave		standard	standard	standard	standard	standard
MCS Plus - Multi Crop Separator Plus						
Control system activation		electric	electric	electric	electric	electric
MCS Plus - diameter x width	mm	600x1.600	600x1.340	600x1.600	600x1.340	600x1.340
Total forced separation surface	m²	2,25	1,89	2,25	1,89	1,89
Straw walkers						
Straw walkers/steps	n°	6/4	5/4	6/4	5/4	5/4
Separation surface	m²	9,06	7,62	9,06	7,62	7,62
Sieving pan						
HCD sieves with opposing action		standard	standard	standard	standard	standard
Tailing return		to drum				
Sieving surface	m²	5,58	4,67	5,58	4,67	4,67
Fan						
		volumetric	volumetric	volumetric	volumetric	volumetric
Speed	rpm	350/1.050	350/1.050	350/1.050	350/1.050	350/1.050
Grain tank						
Capacity	litres	9.000	9.000	8.600	8.600	8.600
Unloading tube length/height	m	5/4,50	5/4,50	5/4,50	5/4,50	5/4,50
Unloading speed	litres/s	105	105	105	105	105
Cab and controls						
Skyline Cab with automatic air conditioning system		standard	standard	standard	standard	standard
Multifunction Powergrip Lever		standard	standard	standard	standard	standard
TechTouch Terminal		colour 10.4"				
AGCOMMAND® Standard Plus + 1 year licence		standard	standard	standard	standard	standard
AUTO-GUIDE xls		optional	optional	optional	optional	optional
Engine						
		Agco Power				
Type		84 AWF.937	74 AWF.1047	84 AWF.937	74 AWF.1047	74 AWF.1047
Fuel system		Common Rail				
Fuel tank	litres	620	620	620	620	620
DEF (AdBlue) tank	litres	80	80	80	80	80
Power rating (ECE R120)	kW	265kW@2000rpm boost	225kW@1950rpm boost	265kW@2000rpm boost	225kW@1950rpm boost	225kW@1950rpm boost
Hydrostatic transmission		100cc	100cc	130cc	130cc	130cc
Gearbox	gear n°	4	4	4	4	4
Main brakes		disc	disc	disc	disc	disc
4WD		optional	optional	standard	standard	standard
Tyres						
Front tyres		800/65 R32				
Rear tyres		460/70 R24	460/70 R24	540/65 R24	540/65 R24	540/65 R24
Automatic levelling device						
Lateral		-	-	20%	20%	20%
Straw chopper						
		standard	optional	standard	optional	optional

* For the Rice models, see page 31



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