





Engine 5255 L 5255 L 5255 L 5255 L 5255 L 5255 L 6275 L MCS Rice Max. performance (ECE R 120) kW/hp 179 / 243 179 / 243 179 / 243 179 / 243 179 / 243 225 / 306 225 / 306 225 / 306 225 / 306 225 / 306

Harvest easily and efficiently.

With the L-Series, we offer you the perfect combine for your farm. It is characterised by maximum comfort, the best performance, reliability and versatility. New in this class is the comfortable Proline cab with its unique operating interface, the Fendt Variotronic T .



Get the best results – day or night.

The new Proline cab in our L-Series offers you a comfortable workplace. It helps you to concentrate better and you feel fit, even on long harvesting days and nights. The standard specification air-conditioning system, comfort seat, the ultimate in illumination and low noise level are only a few of the numerous features that make this possible. With our operating interface, the Fendt Variotronic TI , we also set standards in this power class in terms of the operation, control and monitoring of the machine.

FENDT PROLINE CAB

Relaxed working conditions.



Space for well-being

Our Proline cab has been generously designed. You have plenty of space and room for well-being and have everything in view – from the table to the stubble to the unloading auger. Thanks to the large, electrically adjustable mirrors, there are no obstructions to your view towards the rear.

Comfortable seat

The latest generation comfort seat with standard specification air suspension and numerous setting options can be optimally adjusted to your needs. The adjustable steering column makes it easy to find a relaxed working position. Your passenger also has a comfortable seat.

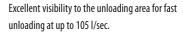
Excellent illumination

The L-Series is equipped with a sophisticated lighting concept, so even at night you have everything in view. An extensive set of adjustable work lights and the optional stubble/row finder lights provide excellent illumination.

Large electrically adjustable, heated mirrors plus optional wide-angle mirrors ensure perfect all-round visibility.



A good view to the table and stubble, and to the spreading pattern of the straw chopper with the camera, enables the best performance in the field.











Clear overview of activated work lights in the light operating panel.



The comprehensive lighting concept ensures good working conditions – even at night.

FENDT VARIOTRONIC™

The superior operating interface – the Fendt Variotronic[™].

Intelligent operation

We have of course equipped the L-Series with our tried and tested operating interface, the Fendt Variotronic[™]. Adapted to the tasks of a combine, the clearly designed armrest is the most important operating element, just like in our tractors. Here you can make all the necessary machine settings. The soft surface of the armrest also provides you with maximum comfort.

Ergonomic and comfortable

The central control element for your Fendt combine lies securely in your hand. Our multi-function joystick in located in the front section of the Variotronic[™] armrest, and contains all the operating elements required for controlling all of the most important areas of the machine during harvesting. The armrest can be adjusted in height and length, so that you can easily find the perfect sitting position.

You have the choice: touchscreen or keys

Menu navigation in the Varioterminal 7" with colour display is intuitive. Clearly structured, it delivers all relevant information about your combine's performance and settings. You can make all the menu settings conveniently using the touchscreen or the navigation keys on the handgrip.

Automatic machine settings

The Varioterminal 7" allows you to save up to ten of your own machine settings for all the main types of crops. By clicking on the saved setting, the machine automatically adopts the setting.

The current and preset cutting height, straw walker and sieve grain losses as well as the returns volume are shown in the main menu. Below them are the short cut keys for the machine settings.



In the Varioterminal, you can choose from different Info Plus menus, which provide additional information about various areas of the machine. For example, you will find the display for area coverage and fuel consumption here.







- 1 Threshing cylinder speed
- 2 Concave clearance front/back
- 3 Fan speed
- 4 Sieve opening top/bottom
- 5 Straw chopper spreading pattern (optional)
- 6 Open/close grain tank
- 7 Side cutter on/off
- 8 Transport mode
- - 1 Table control position
 - 2 Header stop

 - 3 Reel position 4 Automatic cutting height control
- - 2 Threshing mechanism on/off



7 Reel speed

5 Grain tank discharge on/off 6 Grain tank discharge tube on/off

3 Table control on/off

TABLE

The right choice for the crop.

Fendt owners have the choice

Uniform crop feed is crucial for a high output and good threshing results. That is just what the FreeFlow and PowerFlow tables offer.

FreeFlow table

Our FreeFlow table is available in working widths from 4.80 m to 7.60 m. It is especially stable and maintenance-friendly because the components are bolted on. With 1,254 cuts per minute, the high speed of the cutterbar ensures a clean cut with a low power requirement. The intake auger, with a diameter of 610 mm, moves the crop swiftly and uniformly to the crop elevator – ideal conditions for maximum area coverage and the best harvesting results.

PowerFlow table

Our PowerFlow table has been known for exceptional productivity for more than 35 years. The big clearance between the cutterbar and the auger facilitates cutting high crops. The PowerFlow belts then transport the crop directly under the auger. This guarantees uniform, heads-first feed for all types of crops and therefore also the best threshing performance as well as an extremely efficient throughput.

Intelligent table guidance

Automatic functions such as the AutoLevel table control, automatic cutting height control, field pressure control or automatic lowering control can be operated directly from the operator seat. You can check or change various parameters in the Varioterminal 10.4" according to need. The high degree of operating comfort makes work easier and ensures fatigue-free working. It guarantees optimum table guidance, even with the wide tables.

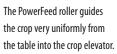
The standard multi-coupler permits fast turnarounds when changing fields.



The Schuhmacher knife system is the best in the industry. With 1254 cuts per minute, it is self-cleaning and always remains sharp.



The FreeFlow table has feed fingers over the entire width, which increase the throughput of the intake auger and guarantee active, fast feed into the crop elevator.











The standard AutoLevel table control ensures a constant cutting height over the entire width.



The optional rape auger increases the crop flow to the crop elevator in high crops and enables an increased throughput rate.



The PowerFlow table performs wonderfully thanks to active crop flow from the knives to the auger.

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FENDT CORNFLOW™

Grain maize perfectly under control.

High performance, compact size

Fendt CornFlow™ headers are available with either six or eight rows. The row spacing is either 70 or 75 cm. These maize headers are rigid or folding, and even the eight-row model remains within the 3.5 m transport width when folded as the special folding mechanism folds the header very compactly both vertically and horizontally. The operator therefore has excellent visibility to the front. All functions are conveniently operated with the multifunction lever.

Variable settings

The counter-rotating header rollers, each with four knife blades, are robust and durable. The deck plates can be adjusted on both sides so that the crop always flows centrally through the picking unit. This guarantees a reliable intake.

Optimum accessibility, better protection

To further protect the maize cobs, and therefore achieve perfect grain quality, the hoods and points are manufactured from flexible plastic. They fold easily, allowing rapid access to the picking rollers. They are also fitted with replaceable wear plates in the areas which experience the highest loads. The side augers on the CornFlow™ are part of the standard specification and their speed can be adjusted with ease using the Fendt multifunction lever. The horizontal chopper, which is fitted with two chopper blades, is optional and can be added or removed as required.

Fendt CornFlowTM headers feature excellent accessibility to all relevant points, and make cleaning and maintenance easier for lengthy harvest periods.

As a genuine Fendt product, the CornFlowTM headers also enjoy the familiar, extensive Fendt service and warranty terms.







Fendt CornFlow[™] maize headers are perfectly tailored to Fendt combine models, and harvest grain maize extremely efficiently without losses.

THRESHING AND SEPARATING

Uniform threshing – clean separation.

High-capacity threshing cylinder

The high capacity of the threshing cylinder on our L-Series is a consequence of its large 600-mm diameter. The result is perfect threshing with a clean sample and less broken grain. The high inertia threshing drum runs very smoothly, even under difficult harvesting conditions. It is very gentle in handling both the grain and straw.

Smart concave

The concave features different wire spacing. The clearance in the back section of the concave is twice as big as in the front area. This arrangement ensures the optimal ratio between good threshing capacity and high separation capacity. To optimise the threshing quality, you can adjust the concave independently at the front and back from the comfort of the cab.

Extras in the MCS Plus version

Multi Crop Separator Plus

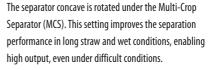
Power Feed Roller

Intake chains

In this variant, the L-Series combines are equipped with the Power Feed Roller (PFR) and Multi Crop Separator plus (MCS plus). The PFR ensures optimal crop flow from the cutter unit to the feed channel. It is attached directly to the crop elevator. Rotating at a speed of 267 rpm, it picks up any crop over the full width of the intake. The MCS Plus separating concave has a giant separating area. As much grain as possible is separated out before the crop even reaches the straw walkers. What is also special about our MCS Plus combines is that the separator concave can be swung up over the rotary separator. An electric motor brings the concave into the desired position according to need; tools are not required.

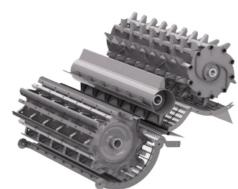
In the standard version, the ABC (Active Beater Concave) module, which is an extension of the concave on the beater, really shows its advantages. The module enhances the separation performance and the straw is fed directly and very uniformly onto the straw walkers.

Perfect at the front, and at the rear too: the front and rear concave openings can be adjusted independently and electrically. You can adapt the threshing unit to any possible harvesting conditions from the comfort of the cab.



The separator concave is completely above the Multi Crop Separator. This setting is recommended primarily for crops that only require light threshing and in dry conditions.









Model variants	L-Series	L-Series MCS	L-Series MCS PL	L-Series MCS Rice
600 mm threshing cylinder	V	V	~	✓
ABC module	v	~	~	~
Power Feed Roller (PFR)		~	~	~
Multi Crop Separator Plus		~	~	~

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ABC module

Concave

To minimise material wear caused by dirt entering the machine, we use very low-wearing materials in our rice combine version — especially for the machine components that come in direct contact with the crop.

VERSATILITY

Economical operations – different crops.

Exchangeable sectional concave

For arable farmers and contractors who need to harvest many different crops, the Fendt L-Series can be converted in a flash with the new sectional concave. The front concave segment can be easily removed and exchanged through the open stone trap. Two front concave segments are available:

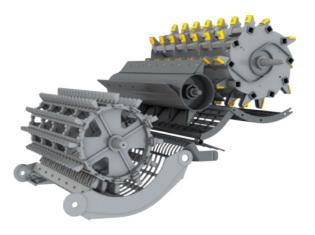
A segment with 14 mm wire spacing for intensive threshing when harvesting grain and a segment with 24 mm wire spacing for maize, soybean or sunflower harvesting. For enhanced grain separation, the universal segment has a wire spacing of 24 mm at the rear.

Rice - the special version

Since harvesting rice poses very special challenges for a combine, we offer you a dedicated model for this application. To minimise material wear, many components in this version have been strengthened and manufactured of very low-wearing material. We have replaced the bars on the threshing drum with pins to ensure gentle handling of the sensitive grains of rice. For harvesting on very moist ground, our rice model is equipped with crawler tracks.

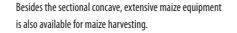
There are two front segments available for the quick-change sectional concave: 14 mm wire spacing for grain harvesting and 24 mm for maize harvesting.













The 14-mm narrow wire spacing of the sectional concave produces perfect threshing results when harvesting grain.

CLEANING AND GRAIN HANDLING

Harvest the best quality.

Best cleaning - the cleanest sample

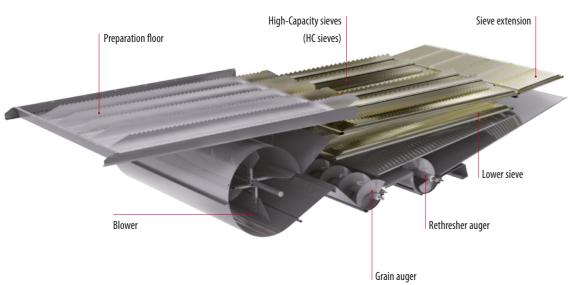
The quality of the grain is decisive. When developing the shaker shoe, the focus was therefore on the use of high-capacity sieves to harvest the cleanest grain. The special surface of the high-capacity sieves (HC sieves) enables optimised wind flow and the highest cleaning performance. To ensure that the crop remains uniformly distributed on the sieves, the L-Series is equipped with our sectional cleaning system with high dividers on the preparation floor as well as upper and lower sieves. The returns system transports the material that has not been optimally threshed back to the threshing cylinder and thus guarantees effective rethreshing. Since the preparation floor and the threshing cylinder have the same width, the maximum cleaning capacity is always being utilised.

Plenty of space for clean grain

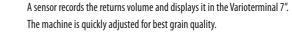
Thanks to the large grain tank, you can utilise a tight harvesting time window to the utmost. With an 8,600-l capacity, it is designed for high productivity. A centrally positioned filling auger fills the tank very uniformly. Two sensors provide information about the filling level in the grain tank. Moreover, you always have a good view into the tank from the cab.

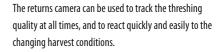
Swift unloading of the grain tank

The top unloading system on the L-Series permits an unloading height of 4.50 m. An unloading rate of 105 l/sec enables swift unloading. The grain tank covers can be opened and closed electrically from the cab with just a touch of a button.



You can control the electrically adjustable sieves from the comfort of the cab.





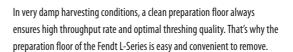














An adjustable chaff spreader with double rotor is available as an option.

RESIDUAL GRAIN AND STRAW MANAGEMENT

Efficient straw management.

Optimal residual grain separation

The 4256-mm high-capacity walkers, with four steps each, produce a thin straw mat. Combined with a high stroke and the active, open back walls, this further boosts separation. You can be sure that even the last grain is separated efficiently. Gentle handling of the crop maintains the structure of the straw optimally.

Fine chopped material

Our L-Series is standard-equipped with a straw chopper, which delivers clean chopping results. The double serrated knives ensure a clean cut and reduce power consumption. The infinitely adjustable counter knives, an additional pivoting dimple plate and electrically adjustable straw deflectors guarantee complete control over the quality and spreading of the chopped material.

Easy switchover

Wit just a single hand movement, you can control whether the straw is to be swathed or chopped. The straw is handled gently during the threshing process, so you produce the best quality straw for bales, fodder, bedding or energy production.

The active back walls of the steps promote effective grain separation. We have strengthened the first step for grain maize harvesting.



An adjustable dimple plate is standard and ensures a uniform length of the chopped straw.



Electrically adjustable deflector plates are also available as an option. The distribution can always be best set from the cab.





Operators can switch quickly and easily between the swathing and chopping modes, simply by moving a lever.





FENDT PARALEVEL

Intelligent slope compensation.

Highly efficient – even on slopes

Our Fendt 5255 L PL and Fendt 6275 L PL combine models are available in a ParaLevel version. The system is based on a parallelogram and compensates for slopes up to 20 %. The threshing unit and the entire separating and cleaning systems remain horizontal and the full power capacity is available for harvesting. ParaLevel machines can be equipped with 4WD and offer you more traction and greater safety – even on slopes.

Optimum in-field and on-road characteristics

Besides the classic advantages of a chassis levelling system, the ParaLevel system offers additional beneficial features. For example, you can choose between a work and a transport mode. Work mode provides higher stability and safety on slopes, because the outer width is increased. In transport mode on the other hand, the front axle is lowered and the outer width is reduced. Both combine models – 5255 L PL* and Fendt 6275 L PL** – with an outer width of 3.50 metres, comply with traffic regulations.

* 5 straw walkers with 800/65 R32. *** 6 straw walkers with 650/75 R32







Easy switching between work and transport mode using the ParaLevel system, which compensates slopes up to 20%.

SMART DESIGN

Good design makes work easier.



Optimal cooling – fast maintenance

The cooler unit ensures reliable cooling of the engine, hydraulics and air-conditioning. The air intake screen on the cooler unit keeps the system clean – even in very dusty conditions. For easy cleaning, you just need to lift up the intake screen. The platform ensures you have safe access.

Intelligently placed

The few lubrication points can be accessed very easily for fast and easy maintenance. The engine air filter and the tanks and filler necks for the various operating fluids are also optimally placed. Large side flaps offer easy access to the machine components for daily maintenance or quick monitoring.

Reliability and durability

Each component was designed for maximum durability and a long lifetime. In particular, the components that are in direct contact with the crop have been strengthened and are made of wear-resistant materials.

Top up fuel



Chopper settings

Lubrication manifold



















Clean air filter

Remove the sieves

MCS Plus settings

Plenty of space in the engine compartment

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CUTTING-EDGE ENGINE AND TRANSMISSION TECHNOLOGY

Packed with power – best service.

Modern 6-cylinder

The L-Series is equipped with modern 6-cylinder engines from AGCO Power. With a 7.4 l cubic capacity, the common rail high pressure injection system and 4-valve technology, they deliver a maximum output of 243 HP (5255 L) and 306 HP (6275 L).

SCR – fuel-efficient and environmentally-friendly

In the L-Series, Fendt also uses the fuel-efficient SCR technology, where exhaust gas is after-treated with a urea solution, for compliance with the newest emissions standards. This not only significantly reduces particulate matter and CO_2 emissions, but also tremendously reduces fuel consumption.

Non-stop on long stretches

The L-Series has enough fuel and AdBlue on board for long work days. The diesel tank holds 620 l, the AdBlue tank 80l. Depending on the output level, the share of the consumption of AdBlue to diesel consumption is on average seven percent.

Best service

We offer you professional service and also set standards in this area. Through regular training programmes, we train our sales personnel to provide for a good spare parts inventory and to always keep your machines in operation during the harvest.

Packages Bronze Silver

Service	Regular maintenance, fixed maintenance costs		Protection against repair risk (except wear)	
Benefits	Plannability of maintenance costs	Protection against major damage	Protection against serious and moderate damage	Protection against all unforeseeable repair risks
Regular maintenance	✓	✓	✓	✓
Repair costs		✓	✓	✓
Excess		✓	✓	×

In order to keep your machine operational at all times, we offer a tailored maintenance and repair service beyond the statutory warranty. Fendt ProService offers you flexible policy periods depending on the machine type, and flexible premiums with and without excess.







Max. hours	3,000
Max. years	1+4
Coverage (except wear)	Full coverage
Excess	×
optional	✓

Ensure operability and retain the value of your Fendt machine with the StarService benefits. Benefit from top-class service as well as repair and maintenance services at attractive fixed prices.



Technical Specifications.

		5255 L	5255 L MCS	5255 L MCS PL	5255 L MCS Rice	6275 L	6275 L MCS	6275 L MCS PL	6275 L MCS Rice
Table		400 700	400 700	400 700	400 700	400 700	400 700	400 700	4.00 7.00
Table widths FreeFlow from - to	m	4.80 - 7.60	4.80 - 7.60	4.80 - 7.60	4.80 - 7.60	4.80 - 7.60	4.80 - 7.60	4.80 - 7.60	4.80 - 7.60
Cutting frequency FreeFlow	cuts/min	1254	1254	1254	1254	1254	1254	1254	1254
Table widths PowerFlow from - to	m	5.50 - 6.80	5.50 - 6.80	5.50 - 6.80		5.50 - 6.80	5.50 - 6.80	5.50 - 6.80	
Cutting frequency PowerFlow	cuts/min	1220	1220	1220		1220	1220	1220	
TerraControl II™ table guidance									
Rape auger									
Electric rape knife									
Multi-coupler			•	•	-	-	•	•	
Corn header									
CornFlow™									
Rows (foldable)	number	6	6	6		6	6	6	
Rows (rigid)	number	6 - 8	6-8	6-8		6-8	6-8	6-8	
Row spacing	cm								
Stalk chopper									
Intake auger									
Crop elevator									
Power Feed Roller					-				
Intake chains	number	3	3	3	3	4	4	4	4
intake chains	number	3	3	3	3	4	4	4	4
Threshing system			_	_	_		_	_	_
MCS Plus threshing unit									
Threshing cylinder width	mm	1340	1340	1340	1340	1600	1600	1600	1600
Threshing cylinder diameter	mm	600	600	600	600	600	600	600	600
Threshing cylinder speed	rpm	380 - 1100	380 - 1100	380 - 1100	380 - 1100	430 - 1210	430 - 1210	430 - 1210	430 - 1210
Concave wrap	degrees	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
Concave area, total	m ²	0.99	0.99	0.99	0.99	1.18	1.18	1.18	1.18
Concave bars	number	12	12	12	12	12	12	12	12
Sectional concave									
Rice threshing unit									
Maize equipment kit									
Residual grain separation									
Multi Crop Separator Plus (MCS Plus)									
Active total separation area	m ²	0.99	1.89	1.89	1.89	1.18	2.25	2.25	2.25
•	number	5	5	5	5	6	6	6	6
Straw walkers									
Steps	number	4	4	4	4	4	4	4	4
Straw walker length	mm	4256	4256	4256	4256	4256	4256	4256	4256
Straw walker area	m ²	5.73	5.73	5.73	5.73	6.81	6.81	6.81	6.81
Total separation area	m ²	6.72	7.62	7.62	7.62	7.99	9.06	9.06	9.06
Cleaning									
Sectional cleaning system									
Preparation floor, in sections and detachable									
Preparation floor area	m ²	2.57	2.57	2.57	2.57	3.06	3.06	3.06	3.06
Total sieve area	m ²	4.67	4.67	4.67	4.67	5.58	5.58	5.58	5.58
Fan speed	rpm	350 - 1050	350 - 1050	350 - 1050	350 - 1050	350 - 1050	350 - 1050	350 - 1050	350 - 1050
Blower speed, reduced	rpm	270 - 840	270 - 840	270 - 840	270 - 840	270 - 840	270 - 840	270 - 840	270 - 840
Electrical blower setting									
HC sieves									
Electric sieve adjustment									
Returns indicator									
Returns indicator Returns camera									
Corin to all									
Grain tank		0	0.777	0.555	0.555	0	0.555	0.555	
Grain tank capacity	litres	8600	8600	8600	8600	8600	8600	8600	8600
Turret unloading				•					
Unloading rate	I/s	105	105	105	105	105	105	105	105
Unloading tube length	m	4.5	5.0	5.0	5.0	4.5	5.0	5.0	5.0



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		5255 L	5255 L MCS	5255 L MCS PL	5255 L MCS Rice	6275 L	6275 L MCS	6275 L MCS PL	6275 L MCS Rice
Straw chopper									
Straw chopper									
52 serrated knives									
64 serrated knives									
Chaff spreader									
Electrically adjustable deflector plates									
Quick-switch (chopping/swathing)			•			•			
Engine									
AGCO Power Engine									
Tier4final / Stage 4 emissions									
Cylinders	number	6	6	6	6	6	6	6	6
Displacement	litres	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Max. performance (ECE R 120)	kW/hp	179 / 243	179 / 243	179 / 243	179 / 243				
Max. performance with PowerBoost (ECE R 120)	kW/hp					225 / 306	225 / 306	225 / 306	225 / 306
Fuel tank capacity	litres	620	620	620	620	620	620	620	620
AdBlue tank capacity	litres	80	80	80	80	80	80	80	80
Chassis Hydrostatic drive						-			
Gear steps	number	4	4	4	4	4	4	4	4
Mechanical gear shift	Hullibel	-	-	•	•	-	•	•	-
Four-wheel drive		_			-				
ParaLevel slope compensation		П	Ш			Ш	Ш		
ParaLevel slope compensation, four-wheel drive	degrees			20.0				20.0	
ParaLevel slope compensation, front-wheel drive	degrees			15.0				15.0	
Proline cab Air-suspended driver seat									
Air-conditioning									
Heating									
Electrically adjustable heated exterior mirrors									
Additional wide-angle mirror									
Additional work light									
Radio									
Reversing camera									
Cool box									
Headlamps									
Loss indicator					•				
Fendt Variotronic									
Fendt Varioterminal 7"									
Yield and moisture measurement									
Yield mapping									
Weights and dimensions									
Length without table	m	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
Width without table, standard tyres	m	3.28	3.28	7.01	7.01	3.49	3.49	7.01	7.07
Weight base machine, without table, without optional equipment	kg	12800	13100			13300	13600		
Height	m	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
,									
Tyres		650/75022	650/75033	650/75022		650/75022	650/75022	650/75022	
Drive axle tyres (standard)		650/75R32	650/75R32	650/75R32		650/75R32	650/75R32	650/75R32	
Steering axle tyres (standard)		460/70R24	460/70R24	460/70R24		460/70R24	460/70R24	460/70R24	
Transport widths		2400	2400	2400	2400	2045	2045	2045	2045
800/65R32	mm	3490	3490	3490	3490	3845	3845	3845	3845
800/65R32	mm	3645	3645	3645	3645	3900	3900	3900	3900
710/75R32	mm	3400	3400	3400	3400	3700	3700	3700	3700
650/75R32	mm	3281	3281	3281	3281	3485	3485	3485	3485

^{*} = depends on country - additional legal constraints may app



Leaders drive Fendt!



www.fendt.com

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