

MASSEY FERGUSON

7700S Series

MASSEY FERGUSON

7700S Series Tractors | 150–280 Max Engine HP

FROM MASSEY FERGUSON

A world of experience. Working with you.

MF 7700S – BORN TO FARM

Building on the hugely successful MF 7700Series, winner of many awards, the MF 7700S continues the trend set by Massey Ferguson for highly dependable, straightforward, low maintenance tractors that provide efficiencies across all farming operations to make your farming business more profitable.

The MF 7700S tractor series from Massey Ferguson has been specifically designed to meet the needs of farming professionals, whether you are a rancher, dairy man, row crop producer, hay producer, or do mixed farming the 7700S will be your go to tractor. With a wide choice of power, transmissions, cab specifications, hydraulics and PTO options, the MF 7700S can be adapted to your every demand, offering a wide range of custom-built practical, straightforward and dependable solutions.

A SUPERIOR FARMING EXPERIENCE - In the MF 7700S, the engine, transmission, steering, PTO and hydraulics work together in perfect harmony to complete your farming tasks efficiently. This partnership offers easy and precise operation when driving on the road or maneuvering and an unrivaled, productive working experience in the field.

WITH SEVEN MODELS TO CHOOSE FROM, THIS IS ONE OF THE BEST CHOICES THAT YOU WILL MAKE.

MF7700S

	MF 7715S	MF 7716S	MF 7718S	MF 7720S	MF 7722S	MF 7724S	MF 7726S
Engine Type	AGCO Power™ 6.6 Liter/6 cylinder SCR				AGCO Power 7.4 Liter/6 cylinder SCR		
Transmission Type	Dyna-6 Dyna-VT						
Max. Power (hp)	150	160	175	200	215	235	255
PTO (hp)	120	125	135	155	165	180	200
Max. Torque @ 1,500 rpm with EPM (nm)	745	790	840	980	1050	1120	1146



MF 7700S –
BODYSCAN YOUR NEW PROFIT CENTER

The MF 7700S is designed for ultimate efficiency and low cost of operation using a range of the latest straightforward and dependable technologies.

ULTIMATE COMFORT – Cab and front axle suspension improve driving comfort and decrease operator fatigue.

LOW COST OF OPERATION

- Massey Ferguson SCR “High Efficiency” technology provides low fuel consumption
- Maintenance free components
- Easy access to daily maintenance
- Increased maintenance intervals (600 hours for the engine)

EFFICIENT DRIVE-LINES BRING HIGHER PRODUCTIVITY – The proven Dyna-6™ powershift transmission or the Dyna-VT™ transmission with Engine Power Management deliver more power when it is needed most. Perfect engine/transmission combinations provide maximum outputs.



STRAIGHTFORWARD FUSE TECHNOLOGIES PROVIDE THE LATEST USER FRIENDLY PRECISION FARMING AND MANAGEMENT SOLUTIONS – Optional Fieldstar® 5 terminal provides the latest user friendly Precision Farming Technologies

- 9” touch screen terminal created to provide a more intuitive and precise farming experience.
- Massey Ferguson Guide™ solutions provide economy by reducing overlaps.
- AgControl® allows you to adjust the application rate on the go, while automatically minimizing overlap, skips and wasted product.
- TaskDoc® creates and sends securely detailed records of jobs to the office.
- AGCO Connect™ telemetry for fleet performance and usage management.

WORK WITH THE MOST DEMANDING IMPLEMENTS – With up to five spool valves to the rear and two to the front, and up to 50 gpm of flow, the 7700S is compatible with even the most demanding implements.

DynaVT The tractor transmission without limits

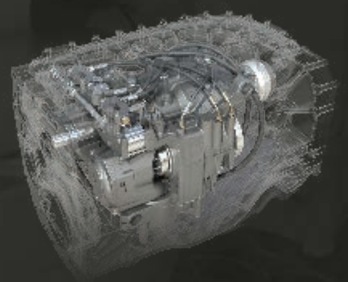
With the continuously-variable Dyna-VT transmission, we have developed a system of power transfer that surpasses all others for ease of use and precision. The Dyna-VT is a proven and refined transmission delivering seamless strength hour after hour. It's intuitive to the operator, the easiest of transmissions to understand and get the most from, and new operators will quickly settle into feeling at one with the machine. Combined with Engine Power Management, Dyna-VT allows you to get the optimum performance, efficiency and economy from your tractor.

THE "SUPERVISOR"

The "Supervisor" is on continuous stand-by and activates when engine speed falls under load. The benefit of the "Supervisor" is that even when the load on the engine is increased and engine speed drops, the transmission will automatically reduce forward speed to maintain total power, whether in PTO applications, field work or transportation. When used in conjunction with C1 and C2, which set a specified forward speed, the tractor will then operate at maximum output as load fluctuates as well as automatically adjusting the tractor back to the required speed



Dynamic Tractor Management (DTM): As the load (red line) varies according to the conditions, the Dyna-VT will automatically adjust the engine speed (gray line) to maintain the forward speed while minimizing fuel consumption and noise levels.



Highlights

DYNA-VT HIGHLIGHTS:

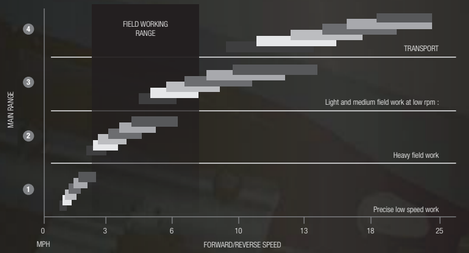
- 0.1 to 25 mph or 31 mph
- The choice of two speed ranges optimises torque for different applications
- Lever or Pedal operation modes
- C1/C2 cruise speeds
- "Supervisor" manages the output under varying loads
- Dynamic Tractor Management (DTM) maintains the set travel speed by automatically adjusting the power (engine speed) according to load
- Engine Power Management now available to give extra power when needed
- Active Stop
- High efficiency and superior comfort
- Pedal aggressiveness adjustment
- Switch between cruise speeds (C1 and C2)
- Brake pedal to neutral feature

Dyna6 Performance, refined

Dynamic performance comes as standard with Dyna-6 transmission. Now, this ultra-reliable, semi-powershift gearbox is even more refined.

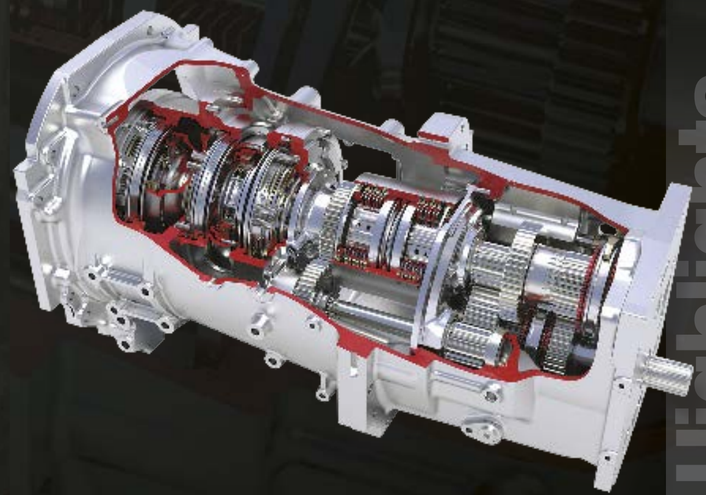
The ultimate semi-powershift transmission in the field today, Dyna-6 combines effortless operation with complete efficiency to create an extraordinary operator experience.

Dyna-6 provides six Dynashift gears within each of the four ranges, giving a tremendous range of powershift flexibility over a wide speed range, for maximum field performance. Both Dynashift and range changes are made under load, without the need to use the clutch pedal.



Dyna-6 offers six Dynashift changes in each range providing 24 forward and 24 reverse speeds, with an excellent overlap and a total of nine speeds in the Field Working range.





Highlights

DYNA-6 HIGHLIGHTS:

- Six Dynashift (powershift) ratios
- Maximum productivity with 24 forward gears and 24 reverse gears
- Power Control Lever with three functions on one lever - Forward/ Reverse shuttle, declutch, upshift and downshift
- Nine speeds in the Field Working Range
- 25 mph or 31 mph maximum speed
- Cruise control speeds (C1/C2)
- Brake pedal puts transmission in neutral
- Reverse shuttle aggressiveness adjustment, separate adjustment for forward and reverse
- Aggressiveness adjustment for Dynashift (powershift) ratios

OPERATE YOUR LOADER THE MASSEY FERGUSON WAY

When you purchase a Massey Ferguson® loader with your new MF 7700S tractor, it can be specified fully MF loader-ready. Your tractor will come complete from the factory with the loader subframe, designed for maximum maneuverability and maintenance access, already built on so that it becomes an integral part of the machine.

The optional mechanical multifunction joystick has additional transmission functions such as forward/reverse and speed change for added versatility during operation. Live third function is also an option for operations that require the operator to open/close a grab and tip or crowd an implement at the same time.

You will enjoy superb visibility thanks to the slim hood and dash profiles. The optional Visio roof improves loader visibility, and is particularly useful when stacking bales or loading trucks for example. The “clutch effect” feature built into Massey Ferguson’s latest braking systems can be selected to put the transmission into neutral when the brake pedals are depressed, allowing single-foot brake and clutch operation and making loader operation or operating a round baler a lot more comfortable.

Highlights

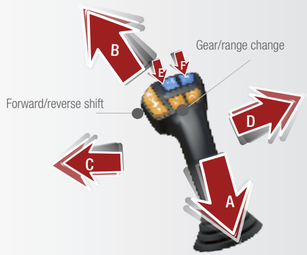
TRACTOR/LOADER COMBINATION HIGHLIGHTS:

- A flexible range for a wide variety of applications
- Optional multifunction joystick comes with forward/reverse and speed change for added versatility
- Highest visibility thanks to the smart design of the hood and the slim dashboard
- Factory fitted loader subframe for optimum performance from your all-purpose tractor
- Live third - A time saving addition to the loader hydraulic control that enables the operator to open/close a grab and tip or crowd an implement at the same time
- Optimum maneuverability and access to maintenance operation
- Optional Visio™ roof* with Falling Object Protection (FOPS)
- Excellent maneuverability with tight turning angles, SpeedSteer and rapid response from engine and hydraulics

* MF 7715S to MF 7718S



▲ Visio roof



Loader operation

Joystick main functions:
A. Lift
B. Lower
C. Fill
D. Dump

Combined functions:
A/C. Lift and fill
A/D. Lift and dump
B/C. Lower and fill
B/D. Lower and dump
A/C/E. Lift and close grab
A/D/F. Lift and open grab

Combined functions with third live:
C/E. Fill and close grab
D/F. Dump and open grab
A/C/E. Lift, fill and close grab
A/D/F. Lift, dump and open grab

“The beauty of this joystick means you can go from forward to reverse and operate the loader at the same time, without taking your hand off the steering wheel.”



THE NEW TOUCH OF PRECISION FARMING

Powered by Fuse™ Technologies



1

MF Guide is Massey Ferguson's full featured, hands free steering system, available on new tractors or as an aftermarket installation for guidance ready tractors. Delivering sub-meter, decimeter and centimeter accuracy, increasing the efficiency of your farming operations saving time and money. Available with either a Trimble or Novatel receiver.



2

Video Mode – Pictures from an on-board camera can be displayed on the Fieldstar 5, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.



3

AgControl is the new Precision Farming rate and section control solution from Massey Ferguson providing rate and section functionality, with configurations to control up to 36 sections and five products.

Fieldstar 5

Fieldstar 5 features a larger 9 inch touch screen, easy-to-use and intuitive arrangement, similar to the latest generations smartphones or tablets. The display provides increased features and functionality that simplify work in the field. Fieldstar 5 provides a gateway into the evolution of precision farming technologies.



4

ISOBUS for total implement control – allows an implement manufacturer's control system to be displayed on the terminal screen, saving owners and operators time and money, with no need to install additional monitors in the cab. Simply plug the implement lead into the tractor's ISOBUS socket and the system automatically uploads the operating menus and displays on the screen. MF 5700 S ISOBUS conforms to the AEF (Agricultural Industry Electronic Foundation) certification.



5

ISOBUS MultiPad switch assignment – ISOBUS implements can be controlled directly using the MultiPad lever. Having all controls (tractor and implement) on the same lever is a lot more convenient than using additional displays and levers. This versatile system allows several implements to be stored to operate via MultiPad, so it can work with all ISOBUS implements currently in the farm fleet.



6

With TaskDoc all jobs' data can be recorded with minimum effort, documented in the field record and then analyzed, as applied and prescription data can be transmitted wirelessly or via USB.



GUIDANCE OPTIONS TO KEEP YOU ON TRACK FOR PROFIT

MF Guide is Massey Ferguson's full featured, hands free steering system, available on new tractors or as an after-market installation.
MF Guide is capable of delivering submeter, decimeter and centimeter accuracy, increasing the efficiency of your farming operations.

Machine **Management**

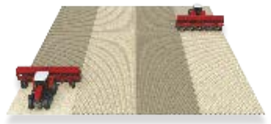
Machine **Control**

EASY, FAST SETUP WITH GO MODE FUNCTION

MF Guide starts up within five minutes, even for first time users. This smart function allows the operator to begin working with auto-guidance/steering for the first time within a five-minute setup time after just a few implement and wayline settings, making the system easy to work with and the benefits faster to reap.

Implement → Wayline → Go!





Virtually eliminates overlaps increasing field area covered per hour

Guidance systems are proven to **save up to 12% fuel** in field operations



More efficient working means **less stress and fatigue for the operator** and more time to optimize performance of the machine

YOU CHOOSE THE LEVEL OF ACCURACY YOU NEED TO FIT YOUR REQUIREMENTS

Submeter Accuracy
TERRASTAR L, EGNOS, WAAS, Autonomous, RangePoint RTX

Decimeter Accuracy
TERRASTAR C, CenterPoint RTX Standard

Centimeter Accuracy
NTRIP CenterPoint RTX FAST



YOU CHOOSE YOUR RECEIVER ACCORDING TO THE ACCURACY YOU ARE LOOKING FOR

With the new Massey Ferguson Guide, there are now two different receiver systems available, NovAtel® and Trimble®. Existing Trimble® RTK infrastructures on the farm, such as NTRIP, can continue to be used. A number of correction signals are supported, depending on the receiver, for example, WAAS or RangePoint RTX™, CenterPoint RTX™ and NTRIP. Talk to your local Massey Ferguson dealer for more information.









Should you lose your signal due to the terrain, MF Guide continues to work reliably up to 20 minutes without a correction signal thanks to Trimble®-xFill™ technology.

AGCONTROL®

Machine **Management**

Machine **Control**

AgControl is the rate and section control solution from Massey Ferguson providing the most advanced and most efficient features. With the fully automatic Section Control for ISOBUS implements, operators can apply seeds, fertilizer or pesticides without overlapping. This prevents double treatment and areas worked outside of the field edges. With the aid of the straightforward and easy to use Section Control assistant, operators can set the correction values for each implement quickly and easily. The system uses the tractor's GPS system to automatically turn on and off individual sections in areas that have already been covered which automatically results in economical application and enhanced yields.







VARIABLE APPLICATION WITH VARIABLERATECONTROL (VRC)

Data transfer with TaskDoc Pro now permits variable rate application, based on the needs of the soil or plants, and therefore saves operating inputs. The individual requirements for seeds, fertilizer and pesticides are shown on application maps. They are then called up during operation and automatically executed. The big advantage: operating inputs can be defined and planned with the aid of the field database and then applied with utmost precision. For example, you can tailor chemical or fertilizer application in areas as required, lowering input cost and further enhancing yields.



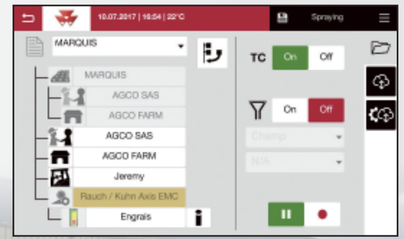
TASKDOC™

Information is power, with accurate data measurement and recording enabling more precision in decision making. The pace of progress and innovation set by the MF 7700S Series is evident in the on-board technology solutions that it incorporates.

TaskDoc Pro data management system has a real place in the future of agriculture, helping farmers to become more productive through the knowledge brought by putting precision-measured data at the business owners' fingertips.

The **TaskDoc Pro** enables recording of the GPS position data and data transfer in real-time. This makes automatic, seamless exchange with ISOXML-capable field management software and mapping possible. The data for the operating inputs that have been used are transferred and can also be monitored through the Fieldstar 5 terminal while working.

Data can be wirelessly transmitted to a connected software or to Agro Link cloud connectivity environment. See your local Massey Ferguson dealer for further information.







THE C1000

Keeping you informed and in control

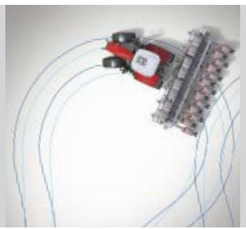
Machine Management

Fitted as standard on MF 7700S Exclusive models, and available as an option on Deluxe models, the C1000 console puts information at your fingertips to allow you to quickly make the best decisions to run your business efficiently.



1

FULL TRACTOR FUNCTIONS MANAGEMENT and optimization features such as transmission, engine and hydraulics. Moreover there is the remarkable Dual Control system providing excellent control of semi-mounted ploughs by automating the furrow entry and exit. At the same time the system adjusts the plough's depth wheel in relation to the rear linkage. The same system is also used to control implements on the front linkage, automating depth settings and the entire operation, in synchronization with the rear linkage.



3

HEADLAND MANAGEMENT SETTINGS – The C1000 comes as standard with the most intuitive, straightforward and easy to use automatic headland management system available in the market today and developed exclusively by Massey Ferguson. It is designed to save you significant time at headlands, allowing you to concentrate on the operation in hand so that you can maximize outputs with ease.



2

VIDEO MODE – Pictures from an on-board camera can be displayed on the console screen, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.



4

MEMORIZE DATA AND SETTINGS – Up to eight different memories enable the system to record information during operation on area worked, fuel use, hours worked and much more. All the settings and parameters can be stored by the C1000. Securely back up those tractor settings: A truly unique feature of C1000 is the ability to save the memorized tractor settings to a USB memory stick and manage those settings before commencing work. All these settings can be transferred between all your machines equipped with C1000.



SERVICING MADE EASY

Right from the first drawing, the MF 7700S has been designed to provide fast, straightforward, easy and cost-effective routine maintenance. Servicing is straightforward and simple, taking the stress out of maintaining your tractor and leaving you with more time in the field/at work. With 600 hour service intervals, maintenance costs are substantially reduced. With a MF 7700S Series tractor, time spent in the yard preparing for the day ahead is kept to a minimum. We have combined practicality with style to ensure daily maintenance is speedy, straightforward and simple, taking the stress out of maintaining your tractor, getting you to the field earlier for greater productivity.

Easy access to remove the cab air filter for cleaning.



Front axle and slim waist hood design make oil dipstick and filter access easy.



Engine air filter is easy to access and clean. Up to 90% of dust is removed by the suction system from the exhaust gas.



Easy radiator clearance for cleaning, and can be easily accessed with an air line.





Total customer peace of mind

SPECIFICATIONS

Engine	MF 7715S	MF 7716S	MF 7718S	MF 7720S	MF 7722S	MF 7724S	MF 7726S
Engine type	AGCO Power						
Number of cylinders/Number of valves/Displacement	No./No./L	6 / 4 / 6.6			6 / 4 / 7.4		
Aspiration	Turbo with electrical wastegate and intercooler						
Injection type	Common rail						
Fan type - Transmission Dyna-6 & Dyna-VT	Vistronic						
Maximum hp	150	160	175	200	215	235	255
Engine rpm at maximum hp	rpm	1950					
Maximum torque @ 1500 rpm	✪ Nm	677	725	744	923	974	1030	1050
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	135 (99)	140 (103)	155 (114)	180 (132)	195 (144)	210 (155)	230 (169)
Fuel tank capacity	Gallons	82	82	82	114	114	114	114
DEF tank capacity capacity	Gallons	8	8	8	11	11	11	11
Transmission Dyna-6								
Number of gears (Fwd x Rev)	Fwd x Rev	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24
Min. speed @ 1400 rpm	MPH	.64	.64	.64	.68	.68	.68	.68
Number of speeds with creeper/supercreeper	Fwd x Rev	- / 48 x 48	- / 48 x 48	- / 48 x 48	36 x 36 / -	36 x 36 / -	36 x 36 / -	36 x 36 / -
Min. speed with creeper/supercreeper	MPH	- / .04	- / .04	- / .04	.16 / -	.16 / -	.16 / -	.16 / -
Transmission Dyna-VT								
Type	Stepless, Continuously variable transmission						-
Field speed range	MPH	Forward : .01 to 17 mph - Backward : .01 to 10 mph						
Road speed range	MPH	Forward : .01 to 25 mph - Backward : .01 to 24 mph / Forward : .01 to 31 mph - Backward : .01 to 24 mph						
Rear Linkage and Hydraulics								
Lower links type	Cat	Cat 2/3	Cat 2/3	Cat 2/3	Cat 3	Cat 3	Cat 3	Cat 3
Maximum lift capacity, at link end (Dyna 6 / Dyna VT)	lbs.	17,857/21,164	17,857/21,164	17,857/21,164	20,502/21,164	20,502/21,164	20,502/21,164	20,502/21,164
Hydraulic Type Dyna 6	Closed Center Load Sensing						
Max Flow Dyna 6	gpm	29	29	29	39	39	39	39
Max Flow Dyna VT	gpm	50					
Maximum number of rear spool valves	4/5 (Dyna-VT)	4/5 (Dyna-VT)	4/5 (Dyna-VT)	5	5	5	5

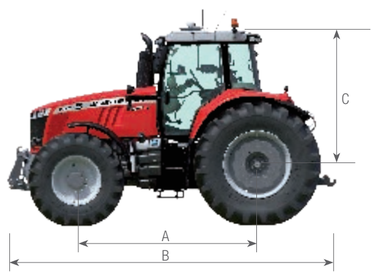
- Not available ● Standard specification ❍ Optional * Manufacturer's testing ✪ ISO 14396

Rear Power Take-Off	MF 7715S	MF 7716S	MF 7718S	MF 7720S	MF 7722S	MF 7724S	MF 7726S
Shaft diameter	Inches	1 3/8" 6 & 21 splines					
Independent Front linkage and Front Power Take-Off							
Lower links type	Cat	Cat 3					
Maximum lift capacity, at link end	lbs.	2,800	2,800	2,800	8,818	8,818	8,818	8,818
Maximum number of front spoolvalves	2						
Engine speed at 1000 front PTO speed	1,920	1,920	1,920	1,920	1,920	1,920	1,920
Weights							
(May vary depending on configuration. Please consult your Dealer)							
Average minimum weight with no. ballast, no. accessories	lbs.	12,786	12,786	12,786	17,196	17,196	17,196	17,196
Maximum Gross vehicle weight*	lbs.	27,557	27,557	27,557	30,864	30,864	30,864	30,864

✪ ISO 14396 - Not available * Depending on market legislation

DIMENSIONS

			MF7715S to MF7718S		MF7720S to MF7726S
			Dyna-6	Dyna-VT	
A	Wheelbase	in.	113		118
B	Overall length from front weight frame to rear linkage arms	in.	194		203
B	Overall length from front linkage to rear linkage arms	in.	221		231
C	Height at center of rear axle to top of cab	in.	83	84.5	87





TWO-YEAR/2,000-HOUR FULL WARRANTY

We've been making tractors for a long time, and we believe in what we make. That's why we offer a two-year powertrain warranty. Some restrictions may apply. Please see dealer for full details.

TOTAL SUPPORT — ALWAYS AVAILABLE

The Massey Ferguson distributor and dealer network comes with the support and service you need to keep working — whenever and wherever you need it.

LOW-RATE, FLEXIBLE FINANCING

With competitive rates and easy terms, your Massey Ferguson dealer and AGCO Finance offer great ways to buy, lease or rent your new machine.

QUALITY PARTS

Genuine Massey Ferguson replacement parts are made to the same high standards as those used on the assembly line, so you can always keep your Massey Ferguson tractor running like new.

AGCO PARTS

SHOW YOUR MASSEY FERGUSON PRIDE

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Your Agriculture Company

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MASSEY FERGUSON FENDT GSI Challenger GLEANER

We proudly support:

FFA

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