



POWER ENHANCEMENT FOR AGRICULTURAL MACHINERY

**STEINBAUER®**

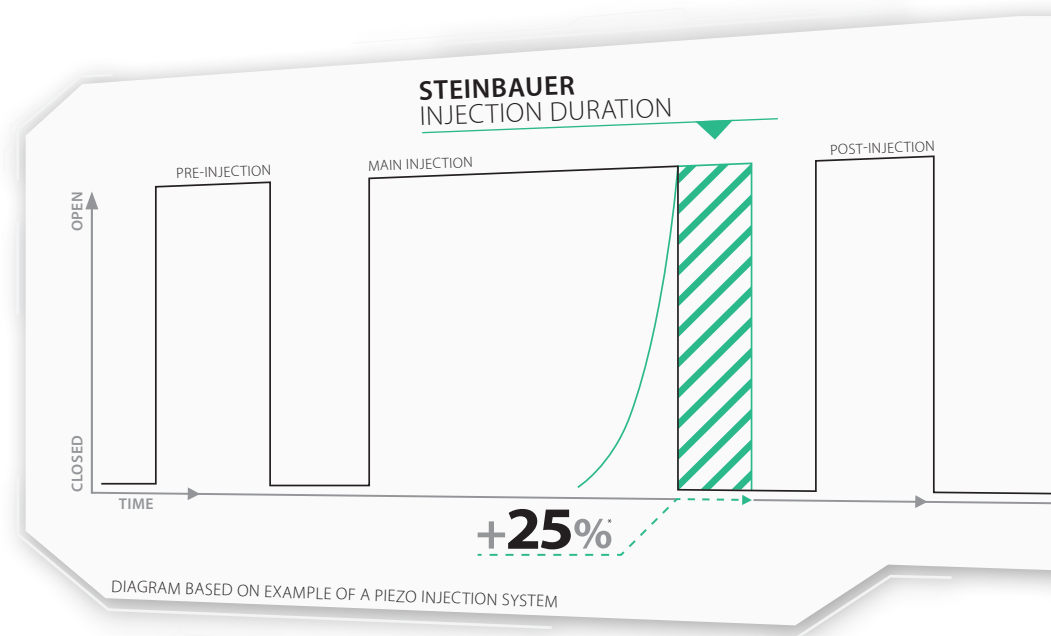
**+ UP TO 25%  
MORE POWER /  
MORE TORQUE\***





# POWER ENHANCEMENT FOR TURBO-DIESEL ENGINES

- » SAFE PERFORMANCE FOR YOUR ENGINE  
No change in fuel pressure
- » UNIQUE POWER ENHANCEMENT PRINCIPLE  
Power increase achieved by optimizing the main injection length
- » NO FOOTPRINT LEFT ON THE ECU  
When uninstalled, engine reverts to factory standard
- » DEVELOPED & MANUFACTURED IN AUSTRIA  
At our headquarters in Wartberg ob der Aist





# WHY BUY STEINBAUER?

## BENEFITS FOR AG MACHINERY

- » **COVER MORE ACRES PER HOUR**  
Optimize your on-field work time
- » **DECREASE OVERALL ENGINE HOURS**  
Increase the resale value of your machine
- » **INTERNATIONAL TEAM & SUPPORT**  
Local distributor & support team with factory backup
- » **ALTERNATIVE FOR HIGHER HP MACHINERY**  
Pull heavier implements with the same tractor

## RESIDUAL VALUE WHEN CHANGING MACHINES

One of the most important benefits to choosing STEINBAUER that customers agree on, is when you sell or trade your machine and remove the module your engine returns to factory original. There is no 'footprint' left behind on the ECU that there was a performance product installed, unlike with flash-tuning or rail pressure tuners.

Because STEINBAUER modules use advanced microprocessor technology, your initial investment is not lost when you sell or trade your combine or tractor. It may be possible that the module can be moved to a different machine - it just may require a different harness and/or software update. So whilst your initial investment will be more to purchase a STEINBAUER PowerModule, you get what you pay for.



## STEINBAUER

### POWER MODULE

- **PATENTED** - U.S. PATENT NO. 7 765 987 \*\*
- **SAFETY** - MANUFACTURER'S SAFETY SETTINGS REMAIN IN PLACE
- **EASE OF INSTALLATION** WITH ORIGINAL VEHICLE-SPECIFIC CONNECTORS
- **NO CHANGE** IN FUEL PRESSURE
- **NO INTERFERENCE** WITH THE ECU / ECM
- **FIELD TESTED** WORLDWIDE
- **ORIGINAL** EQUIPMENT MANUFACTURER QUALITY
- **3 YEAR EXTENDED WARRANTY** ON YOUR STEINBAUER POWER MODULE \*\*\*

## ECU FLASHING

### RE-PROGRAMMING

- **INCREASE OF BOOST AND FUEL PRESSURE**
- **ERROR CODES ARE DEACTIVATED!**  
LIMITS OF SENSOR VALUES **INCREASED**
- **BACKUPS ARE RARELY MADE** OF THE FACTORY ECU FIRMWARE
- **INCREASED STRESS** ON THE ENGINE
- SAFETY PARAMETERS ARE IGNORED - **DANGER OF AN ENGINE FAILURE**
- CUSTOM **SOFTWARE OFTEN DELETED** DURING SCHEDULED MAINTENANCE
- **NO ACTUAL PHYSICAL PRODUCT** - CANNOT BE USED ELSEWHERE

## RAIL PRESSURE

### CHEAP ELECTRONICS

- **INCREASE OF BOOST AND FUEL PRESSURE**
- **CHEAP PARTS FROM UNKNOWN ORIGIN** - RARELY IN A WEATHERPROOF CASING
- **SIMPLE INSTALLATION VIA WIRING LOOM**
- **SIMPLE SOFTWARE** INTEGRATED
- THE INCREASE OF FUEL PRESSURE AND COMBUSTION TEMPERATURE RESULTS IN **HIGHER LOAD** ON THE FUEL SYSTEM
- WORST CASE SCENARIO: **ENGINE FAILURE**
- **INCREASED STRESS** ON ENGINE PARTS
- HIGH RISK OF **FOOTPRINT ON THE ECU**



# STEINBAUER PERFORMANCE

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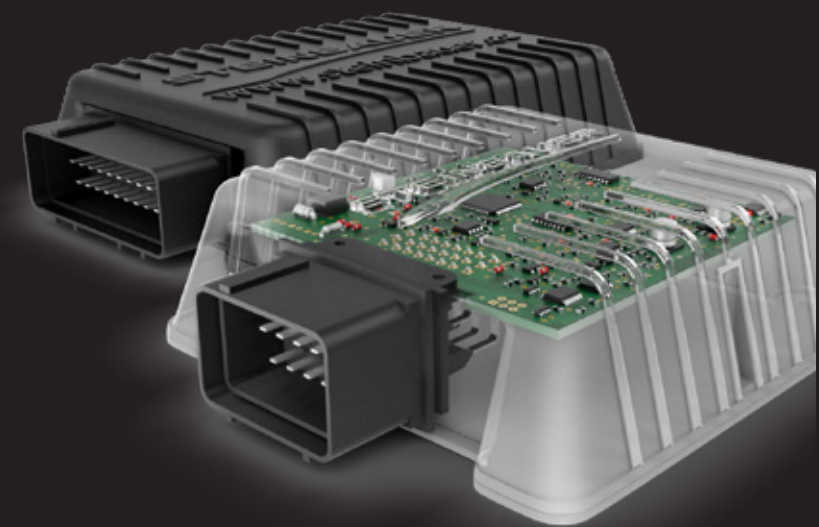
## INNOVATION. EXPERTISE. INTEGRITY.

STEINBAUER Performance is a leading developer and manufacturer of Intelligent Microprocessor PowerModules. As the first company to bring the Injection Duration Module to the market, we have continued to push the boundaries and innovate new and safer ways to increase the power and torque of today's diesel and turbo-gas engines.

At STEINBAUER, quality is first in everything that we do. We are driven to continue developing, manufacturing and distributing better products to our customers. With state-of-the-art R&D and manufacturing facilities in Austria, backed by a full factory support network of trained staff, distributors and dealers, STEINBAUER remains the industry benchmark.

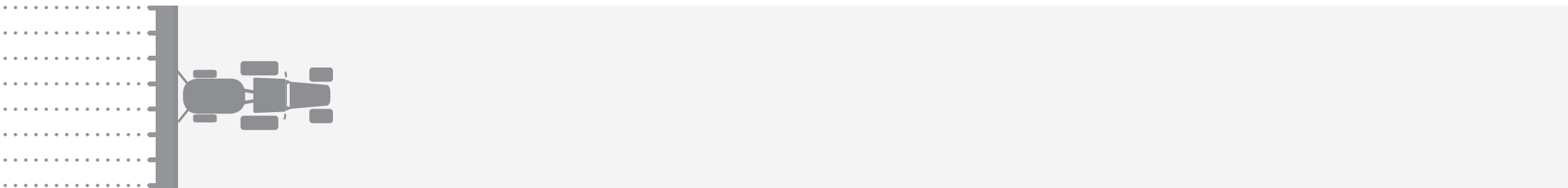
Our North American Head Office in Dowagiac, Michigan gives us a solid base from which we can continue to serve and support our customers.

QUALITY. SERVICE. **STEINBAUER.**

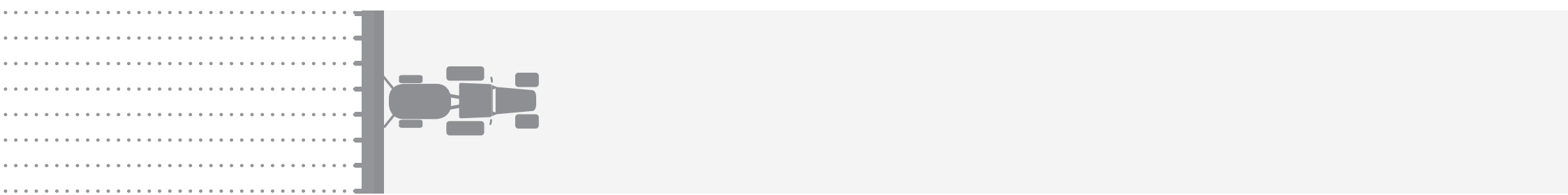
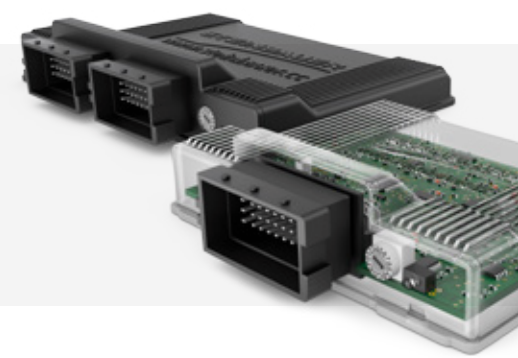


STEINBAUER PowerModule

# ACTIONS = HABITS = RESULTS

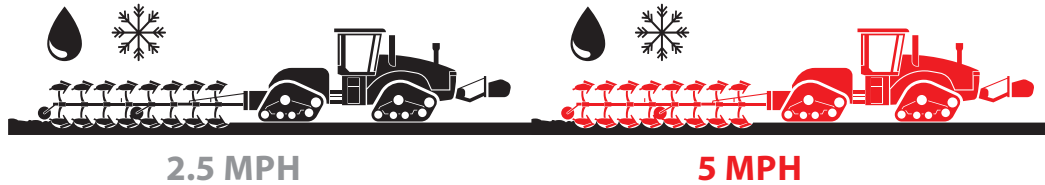


**+25%**  
**MORE POWER**  
**MORE TORQUE**  
WITH STEINBAUER POWER MODULE



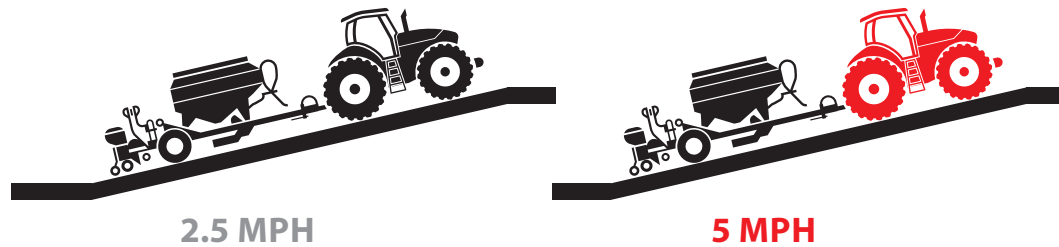
# 01 Go Faster

» No power loss on wet, muddy or frozen ground



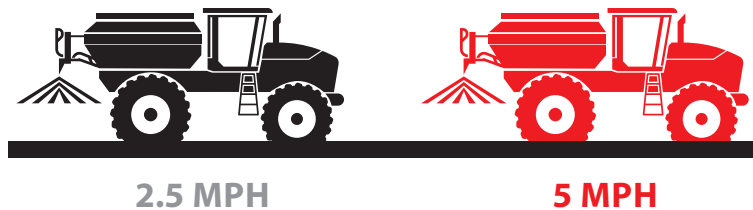
- » Drive within the ideal RPM range, regardless of conditions
- » Maintain or increase your top speed

» More power to climb steep inclines



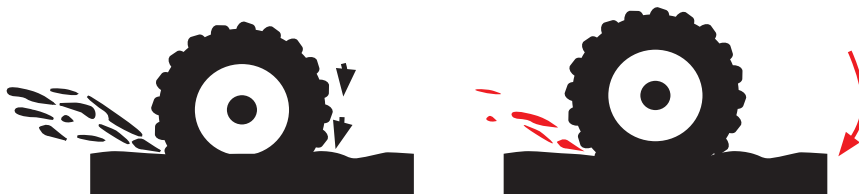
- » Drive within the ideal RPM range
- » Maintain or increase your top speed

» Steady power provided to drive all hydraulic loads



- » Save time in spray applications
- » Spray applications are time sensitive
- » Use larger attachments that require more horsepower
- » Power heavily loaded hydraulic drive systems with large hp needs
- » Carry larger capacity tanks and spray with wider booms

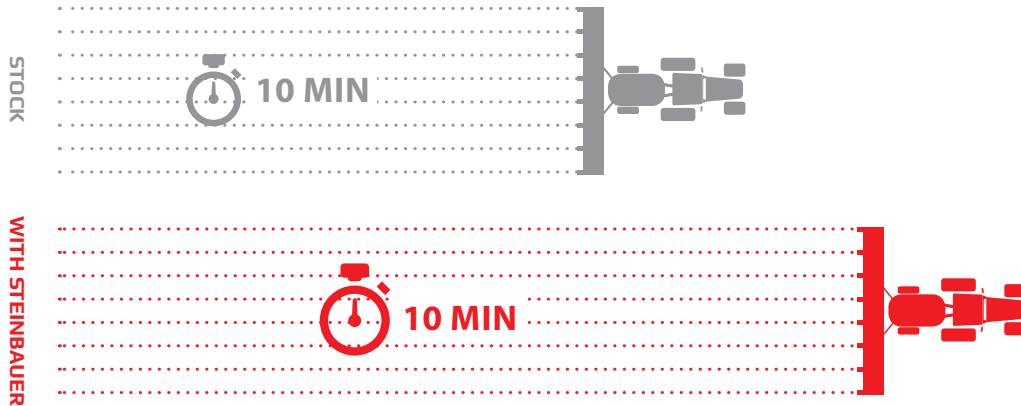
» Maintain steady speed in slippery conditions



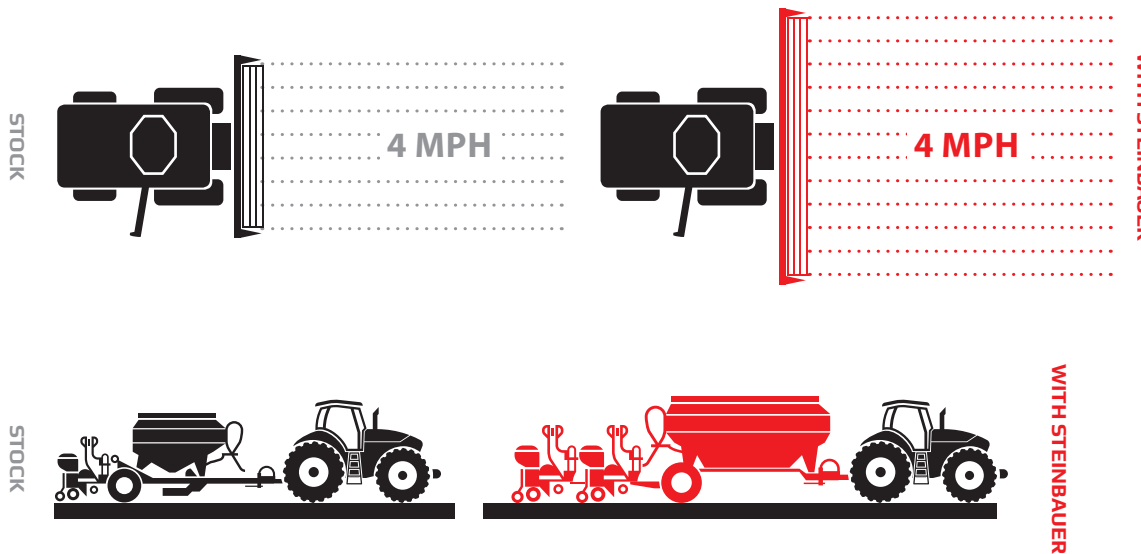
- » Hold or increase your top speed despite wheel slip
- » Reduce fuel consumption

# 02 Improve Productivity

» Same engine - Higher speeds - More acres in the same amount of time



» Same engine - Bigger equipment - More acres in the same amount of time



- » Drive within the ideal RPM range
  - » Hold or increase your top speed
  - » Use larger equipment on a smaller machine
  - » Cover more acres per hour\*
- » Reduce working hours
  - » Decrease overall engine hours
  - » KEEP THE VALUE OF YOUR MACHINERY

» An alternative to the cost intensive purchase of higher horsepower machinery

### Combines

- » Maintain ground speed with larger headers
- » Maintain rotor and ground speed with lower engine speed
- » Maintain rotor and ground speed when running the auger

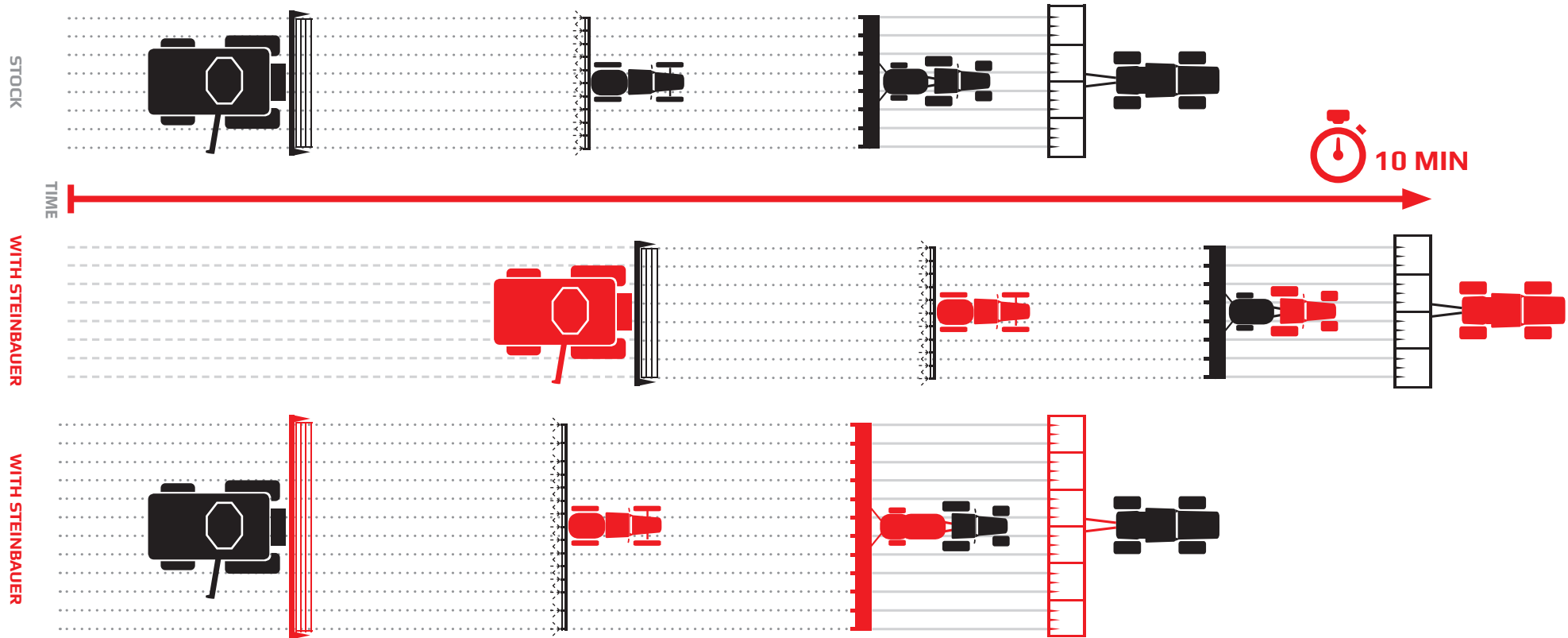
### Choppers

- » Maintain cutterhead speed through high density crop
- » Maintain or increase chopper speed with the power to deliver a quality cut

### Tractors

- » Use larger implements and maintain speed
- » Pull the same load at lower engine speeds
- » Climb steep grades and maintain speed

# 03 Save Time from Planting through Harvest



## SAVE TIME WHERE IT MATTERS.

- » Finish an acre in less time, use less fuel per acre
- » Same engine - more power, more torque
- » Cover a larger area in the same time
- » Reduce engine hours and maintain machine value
- » Save working hours

# 04 Save Money

- » An alternative to the cost intensive purchase of higher horsepower machinery
- » Upgrade the same engine with STEINBAUER: Get the "larger model power" without the cost
- » Upgrade a smaller engine with STEINBAUER: Have the power of the larger engine with the fuel consumption of the smaller

Model	Engine	Stock	STEINBAUER
John Deere - 7270R	6,8L PowerTech PSS	300 HP	330 HP
John Deere - 7290R	9,0L PowerTech PSS	320 HP	
John Deere - 7310R	9,0L PowerTech PSS	310 HP	418 HP

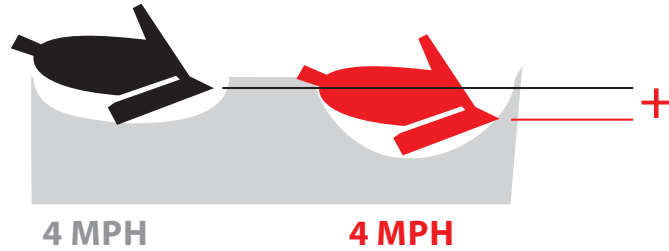
Model	Engine	Stock	STEINBAUER	Price
John Deere - 9420R	13,5L PowerTech PSS	462 HP	577 HP	
John Deere - 9520R	13,5L PowerTech PSS	572 HP	680 HP	
John Deere - 7210R	6,8L PowerTech PSS	240 HP	300 HP	£ 185,000
John Deere - 7270R	6,8L PowerTech PSS	300 HP	330 HP	£ 202,000
John Deere - 7290R	9,0L PowerTech PSS	320 HP		£ 210,000
John Deere - 7310R	9,0L PowerTech PSS	310 HP	418 HP	£ 222,000
Massey Ferguson - 7614	6,6L AGCO Power	130 HP	162 HP	
Massey Ferguson - 7618	6,6L AGCO Power	165 HP	206 HP	
Massey Ferguson - 7620	6,6L AGCO Power	180 HP		
Massey Ferguson - 7622	7,4L AGCO Power	200 HP	250 HP	
Massey Ferguson - 7626	7,4L AGCO Power	240 HP	290 HP	
Massey Ferguson - 8727	8,4L AGCO Power	240 HP	300 HP	
Massey Ferguson - 8732	8,4L AGCO Power	290 HP	360 HP	
Massey Ferguson - 8737	8,4L AGCO Power	340 HP		
Case - Magnum 180	6,7L FPT	180 HP	225 HP	
Case - Magnum 220	6,7L FPT	220 HP		
Case - Magnum 250	8,7L FPT	250 HP	312 HP	
Case - Magnum 310	8,7L FPT	310 HP	387 HP	
Case - Magnum 380	8,7L FPT	380 HP		

STEINBAUER Power Module  
£ 1260

Prices plus VAT

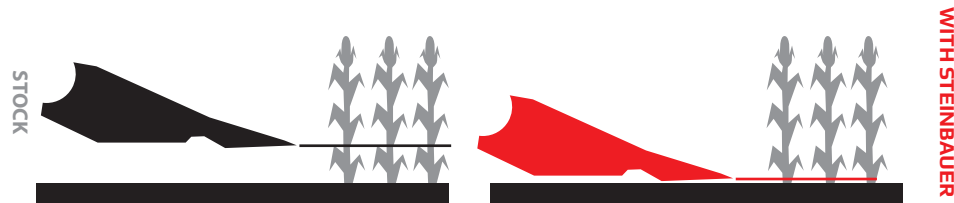
# 05 Dig Deeper

» Increase plow depth, maintain speed, and turn more soil



- » Deeper plow = better loosening
- » Hold or increase your top speed
- » Cover more acres per hour\*
- » Reduce working hours
- » Decrease overall engine hours
- » KEEP THE VALUE OF YOUR MACHINERY

» Harvest grains with the cutter bar lower and increase yield



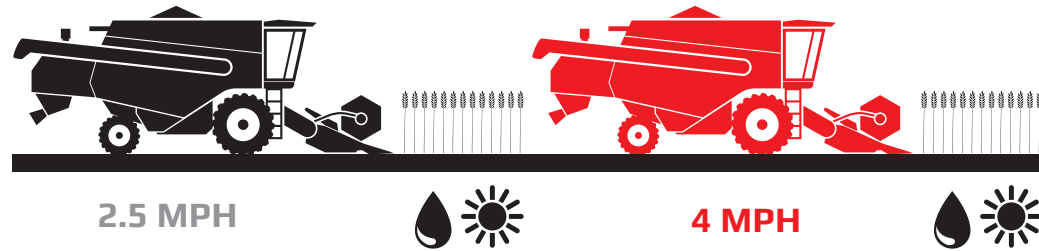
- » Same speed, more depth of cut
- » Hold or increase your top speed
- » Cover more acres per hour\*
- » Opportunity to decrease overall engine hours

» Harvest cane deeper to minimize damage and increase yield



# 06 Weather Independent

» Harvest with the same speed even during inclement weather conditions



- » More power to keep speed in wet or muddy ground conditions
- » More power to cut through moist crops during harvest
- » Optimized ground speed = increased harvest efficiency
- » Cover more acres per hour\*

- » Reduce working hours
- » Decrease overall engine hours
- » KEEP THE VALUE OF YOUR MACHINERY

- » Increased chopper speed
- » Same speed more depth of cut (grinding needs HP)
- » More hp left for hydraulic pump systems to provide greater oil flow
- » High chain speed = high productivity
- » More power and productivity when harvesting in high yield crops

STEINBAUER equipped machinery allows for faster harvesting even in high yield areas and crops. The result is higher productivity and lower fuel consumption (liters/ton harvested).

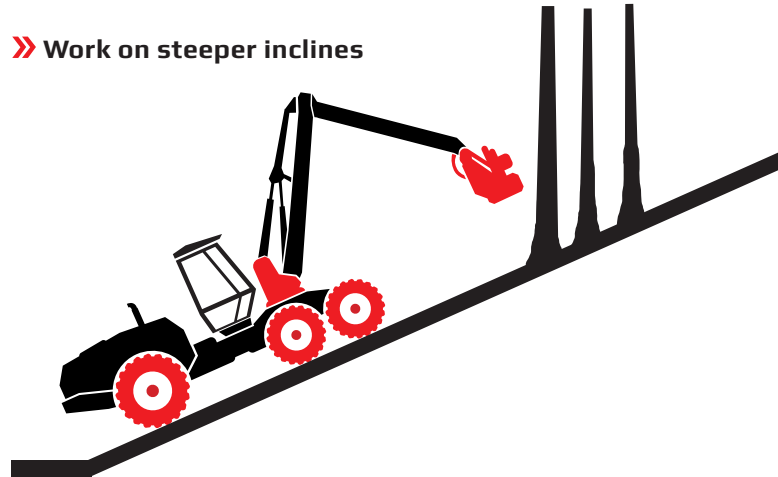
# 07 More Profit in Forestry

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» Use larger attachments



» Work on steeper inclines



» Work faster and reduce engine hours



- » Higher torque output for the hydraulic pumps to deliver optimal hydraulic pressure for all attachments
- » More torque to operate large attachments
- » Move the boom, use the head and have enough power to drive
- » Maximize your profit and gain potential savings
- » Reduce engine hours, maintaining machine value
- » An alternative to the cost intensive purchase of higher horsepower machinery

# 08 Customer Feedback



"I had a farmer come up to me saying he saw my car parked outside. He said he had one of our modules in his Challenger MT 765C and loves it. In fact, he has tried a couple of different competitors products and he said they are sitting on his shelf because they don't work. He loves his STEINBAUER so much – he is buying one for his Quadtrac."

*Jake, Iowa*



"My Frontline 2013 T6.175 was fitted with the device just after the manufacturer's warranty expired and has had a marked improvement on power and torque. Before the module was fitted the tractor peaked at 140hp on the dyno and a developed 1,115Nm torque at 800rpm. But after fitting the STEINBAUER box these figures shot up to 174hp and 1,379Nm torque respectively. It picks up so much quicker and hangs on a lot longer with our heavy tanker in tow."

*Tim, United Kingdom*



"I got my first STEINBAUER in 2010 and wouldn't use anything else, I own three now. I'm a small farmer so every dollar counts. STEINBAUER means more money in my pocket at the end of the day. A lot of farmers around me have tried the cheaper stuff and have nothing but problems. I just work with the best and in Ag performance that's STEINBAUER."

*David C., Nebraska*



"I was talking at a farm show about the problems I was having with a pressure box I had put on my tractor and the guy next to me started telling me how great STEINBAUER tuners work; so I had Kevin get me one and man what a difference! Before the tractor was surging at times and seemed like the power would fade in and out. But with the STEINBAUER tuner on, the difference is like night and day - it works like a dream, plus im using less fuel. Great product."

*Andy, Canada*



"We have been using a STEINBAUER PowerModule on our harvester for about three years now. The difference with the module is like chalk and cheese. More power, improved fuel economy, all the things we were promised. When we purchased our last commercial stock truck, we couldn't get the engine we wanted and were ultimately disappointed in the trucks performance. So our best option was to fit a STEINBAUER module which has again proved very successful. Working with stock transport we are able to monitor our fuel usage very closely. We tested over a six week period. The module has paid for itself in under a month as we achieved an up to 7 - 9% decrease in fuel consumption. The increase in engine torque has also meant the trucks aren't working near as hard. Now in the hilly stuff, fully loaded STEINBAUER has made a truck of it. I will be fitting them to all my future vehicles."

*Bruce, Kentucky*



"On inclines its definitely noticeable that the trucks are more powerful and require a lot less gear changing! The installation was very impressive. A fully equipped harness with all necessary original plugs. It was plugged in in no time and ready to go. The optimization of our trucks by the STEINBAUER PowerModule has more than met our expectations!"

*Josef, Germany*

**CALL +44 / (0) 1553 829990**



\* Results dependent on, but not limited to: individual driver habits and experience; vehicle handling; type of engine and standard manufacturer's engine variables; total load weight and distribution; weather; road and terrain conditions.  
\*\* Patented for piezo injection systems. | \*\*\* One (1) year warranty from the day of purchase; this can be extended to three (3) years for free by registering the product online within 90 days of the date of purchase.

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