

The IMPULS series with up to 225 hp

# TRUST THE IMPULS



*Your partner to rely on.*

**STEYR**  
TRAKTOREN

# PURE PERFORMANCE. MAXIMUM COMFORT. ADVANCED TECHNOLOGY.

With its perfect mix of power, comfort and precision engineering, the STEYR IMPULS sets a new standard for those who see farming as progress.



## The new 6170, 6180 and 6200 IMPULS CVT / S-Control 8.

Delivering up to 225 horsepower through an advanced 6.7-litre, six-cylinder engine, it turns pure power into effortless productivity.

A completely redesigned cab, intelligent driveline, and smart transmission systems ensure the perfect balance of compact strength, premium comfort and control. Developed for today's mixed-use operators and contractors who require performance, advanced technology, and reliability – every day, on every task.

» Trust the IMPULS.

# STRONG. COMPACT. READY FOR **MORE.**



## Power that never compromises.

The 6.7-litre, six-cylinder engine and S-Control 8 transmission deliver class-leading efficiency and performance where it counts. With a DLG-verified fuel efficiency of 243 g/kWh, the IMPULS converts every drop of fuel into real productivity. No torque limitation means constant pulling power and smooth drivability across all conditions—helping you get more done with less fuel, less effort and total confidence.

## Strength built into every component

A new rear-end layout with reinforced hydraulic stabilisers and a stronger linkage design ensures dependable performance under load. From baling and mowing to slurry injection, every component has been engineered for greater durability and long-term reliability.

## Stability that inspires confidence

The upgraded axle design and optimised chassis geometry provide superior traction and balance — on the field or the road. With a gross vehicle weight of 13,500 kg and a payload capacity up to 5,500 kg, the IMPULS combines compact agility with heavy-duty capability.



## Compact design, limitless potential

Despite its strength, the IMPULS stays easy to handle and highly manoeuvrable. It's efficient on the road, steady in the field and ready to perform wherever your work takes you.

## » DATA

- ▶ Up to 225 hp max boosted power
- ▶ New CVT design / 24x24 S-Control 8 transmissions
- ▶ New rear-end layout and stronger hydraulic stabilisers
- ▶ Upgraded axle and chassis design
- ▶ Compact frame with 13,500 kg gross vehicle weight and 5,500 kg payload capacity

# ENHANCED OPERATOR COMFORT & VISIBILITY



## Smooth, stable and effortless control

The new cab suspension system smooths out rough terrain, reducing vibrations and keeping you steady and focused throughout the day. An upgraded front axle enhances driving comfort and manoeuvrability, giving a stable, composed feel in the field and on the road. Together with reduced brake pedal effort for easier, more precise control, the IMPULS turns every journey into a quieter, smoother, and more comfortable experience.

### » DATA

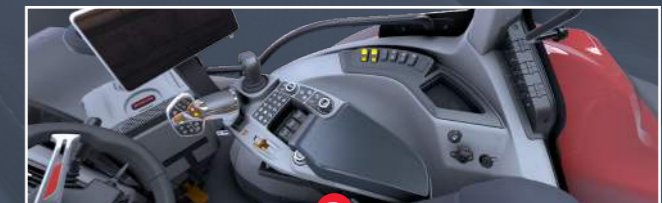
- ▶ Completely redesigned cab interior
- ▶ New cab suspension system (hydraulic or pneumatic)
- ▶ Improved access steps and cab entry
- ▶ Integrated cool box and toolbox
- ▶ Enhanced forward visibility with new hood styling and optional high-visibility roof
- ▶ New armrest and control layout
- ▶ Integrated LED taillights and refined lighting design



With premium materials, smart storage and an integrated cool box, long days feel easier. Redesigned steps and LED taillights add safety and confidence — so you can focus on what matters most: getting the job done right.

**1** Multicontroller III: everything to hand with an Infomat 1200 display.

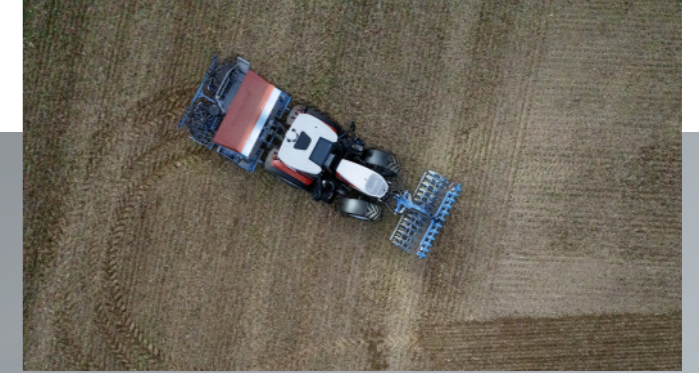
**2** Multicontroller II: Compact design with electric remotes.



# WHERE INNOVATION MEETS **PRECISION** FARMING

## Technology made effortless

The STEYR IMPULS combines intelligent design with cutting-edge digital tools to make every task more efficient and every decision more precise. From an all-new control environment to full connectivity, it's technology built around you — not the other way around.



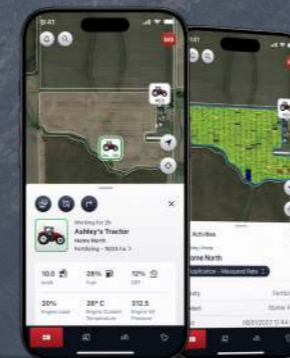
## Smart control in every pass

With advanced automation and guidance, the IMPULS brings you accuracy and ease to every pass. S-Guide keeps perfect swaths with precision down to 1.5 cm, while EasyTronic II and S-Turn II automate headland turns for smoother, faster and more efficient operation — so every move in the field is precise and effortless.



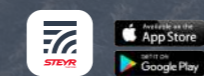
## Connected for precision

Through the Infomat 1200 display, the IMPULS brings full connectivity and control to your fingertips. All precision farming functions, implement management and TIM technology are seamlessly integrated into one intuitive interface — allowing the tractor and attachment to work together as one.



## STEYR® FieldOps™

With FieldOps™, you have at your command a single, simple platform that covers all monitoring, management and recording of data and activities for your connected machines.



## » DATA

- ▶ Connectivity included
- ▶ TIM (Tractor Implement Management)
- ▶ Precision farming compatibility with guidance, section control and variable rate applications
- ▶ STEYR FieldOps platform to collect, monitor, and analyze machine and agronomic data
- ▶ Simplified task setup and monitoring through the Infomat 1200

## SPECIFICATIONS

MODELS	6170 IMPULS	6180 IMPULS	6200 IMPULS
<b>TRANSMISSION</b>			
<b>S-Control™ CVT</b> Continuously variable transmission Driving speed* 0-50 kph ECO or 0-40 kph ECO	•	•	•
<b>S-Control™ 8</b> Dual Clutch Transmission (DCT) Driving speed* 0-50 kph ECO or 40 kph ECO	•	•	•
<b>ENGINE</b>			
<b>Common rail diesel engine</b> with HI-eSCR2 technology, 24 valves, turbocharger and intercooler, fulfills emission standards Stage V Number of cylinders / Capacity [cm <sup>3</sup> ]	6 / 6,718	6 / 6,718	6 / 6,718
<b>Max. engine power</b> ECE R120 <sup>1)</sup> [kW/hp(CV)]	141 / 192	125 / 170	155 / 211
<b>Rated engine power</b> ECE R120 <sup>1)</sup> [kW/hp(CV)]	125 / 170	130 / 180	166 / 226
<b>Engine speed</b> at max. engine power [rpm]	1,600	2,200	1,600
<b>Rated engine speed</b> [rpm]	2,200	2,200	2,200
<b>Max. torque</b> [Nm @ 1,300 rpm]	906	979	1,063
<b>Torque increase OECD</b> [%]	30	28	31
<b>Fuel tank</b> Diesel / AdBlue* [l]	270 / 48	270 / 48	270 / 48
<b>PTO</b>			
<b>Shiftable with progressive electro-hydraulic engagement with optional PTO management</b>	<b>3-PTO speed</b> [rpm] 540 / 540E / 1,000 / 1,000E	•	•
	<b>Engine rpm</b> [rpm] 1,901 / 1,575 / 1,929 / 1,594	•	•
	<b>PTO shaft type</b>	6 and 21 splines	6 and 21 splines
	<b>Front PTO*</b> 1,000 @ 1,920 engine speed [rpm]	•	•
<b>HYDRAULICS</b>			
<b>EHR hitch control</b> with dynamic vibration damping Ride Control	•	•	•
<b>Max. pump flow rate</b> with pressure/volume control, load Sensing	150 l/min	•	•
	170 l/min	•	•
<b>Max. operating pressure</b> [bar]	210	210	210
<b>Max. lifting capacity</b> (kg)	8,380	8,380	8,380
<b>Remote valves</b>	<b>rear, up to 5 electrical can be configured</b>	•	•
	<b>midmounted, up to 4 electrical</b>	•	•
<b>Hydraulic linkage</b> Cat III with high-speed tail hook	•	•	•
<b>Integrated front hitch*</b> max. lifting capacity [kg]	4,180	4,180	4,180

MODELS	6170 IMPULS	6180 IMPULS	6200 IMPULS
<b>ALL-WHEEL DRIVE</b>			
<b>Engagement</b> electro-hydraulic with traction management	•	•	•
<b>FRONT AXLE STEERING</b>			
<b>Suspended front axle</b>	•	•	•
<b>Steering system</b> Hydraulic, load-sensing system	•	•	•
<b>Steering wheel</b> Height- and tilt-adjustable	•	•	•
<b>Steering angle</b> Track width <sup>3)</sup> 1,960 mm [°]	54	54	54
<b>Min. turning radius</b> Track width <sup>3)</sup> 1,960 mm [m]	11,400	11,400	11,400
<b>BRAKES</b>			
Wet dual brake discs, hydraulically actuated	•	•	•
All-wheel brake	•	•	•
Two-line compressed air braking system	•	•	•
S-BRAKE patented trailer brake system	•	•	•
<b>TYRES</b>			
<b>Maximum tyre size<sup>4)</sup></b>	<b>Front</b>	600/65R28 or 600/60R30	600/65R28 or 600/60R30
	<b>Rear</b>	650/75R38 or 710/60R42	650/75R38 or 710/60R42
<b>WEIGHT</b>			
<b>Approximate shipping weight standard / suspended front axle<sup>5)</sup></b> [kg]	7,700 / 8,000	7,700 / 8,000	7,700 / 8,000
<b>Permissible total weight</b> [kg]	11,500 / 13,500	11,500 / 13,500	11,500 / 13,500
<b>DIMENSIONS<sup>3)</sup></b>			
<b>Max. length</b> [mm]		5,003	
<b>Fender no extension / Fender wide extension</b> [mm]		2,130 - 2,512	
<b>Total height</b> [mm]		2,301	
<b>Wheelbase</b> [mm]		2,789	
<b>Min. – max. track width front</b> [mm]		1,556 – 2,268	
<b>Min. – max. track width rear with adjustable bar axle</b> [mm]		1,870 - 2,192	

• Standard • Optional – Not available

\*Depending on country-specific legislative requirements and specifications

<sup>1)</sup> ECE R120 complies with ISO 14396 and 97/68EC

<sup>2)</sup> PowerPlus is available on the basis of defined prerequisites for transport operations and PTO operation

<sup>3)</sup> With standard tyres

<sup>4)</sup> Other tyres available as special equipment on request (i.e. as cost options)



You drive better when you are safe. Before using this vehicle, please read the Operating Manual and become familiar with the use of each of the controls. Note the contents of the instruction panels and use the safety equipment for your own personal safety. This brochure is intended for use internationally. The availability of a few models and of standard and special equipment items may vary from one country to another.



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