

The STEYR IMPULS CVT with up to 200 hp

# BUILT **AROUND** YOUR FARMING



*Your partner to rely on.*

**STEYR**  
TRAKTOREN



# IMPULS CVT

## ALL INCLUSIVE

### Well equipped

Your IMPULS CVT is available in three equipment configurations for convenience. Custom, for the a la carte approach, and Evolution and Excellence that configure the best IMPULS CVT options conveniently. You can quickly select the features that matter to you.

The equipment packages can be changed by STEYR without prior notification. Please contact your local dealer for the latest configuration.



## ECO DRIVE

The dual hand throttle allows the individual adjustment of the minimum and maximum engine speed, adjusting the vehicle characteristics according to the required task and minimizing fuel consumption.

### 1 POWER MODE – Pulling and transport

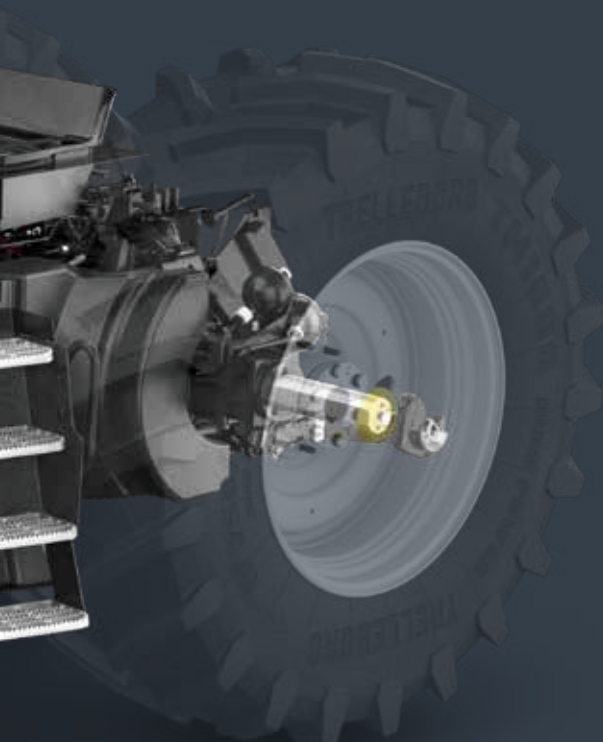
Full potential of the engine is available.

### 2 ECO MODE – Pulling and transport economy

With the right hand throttle lever you can limit the maximum engine speed to save fuel.

### 3 PTO MODE

Set the desired engine (PTO) speed with the left hand throttle lever. The right hand throttle lever determines the engine speed down to which the engine can be drooped, before the transmission reduces the ground speed.



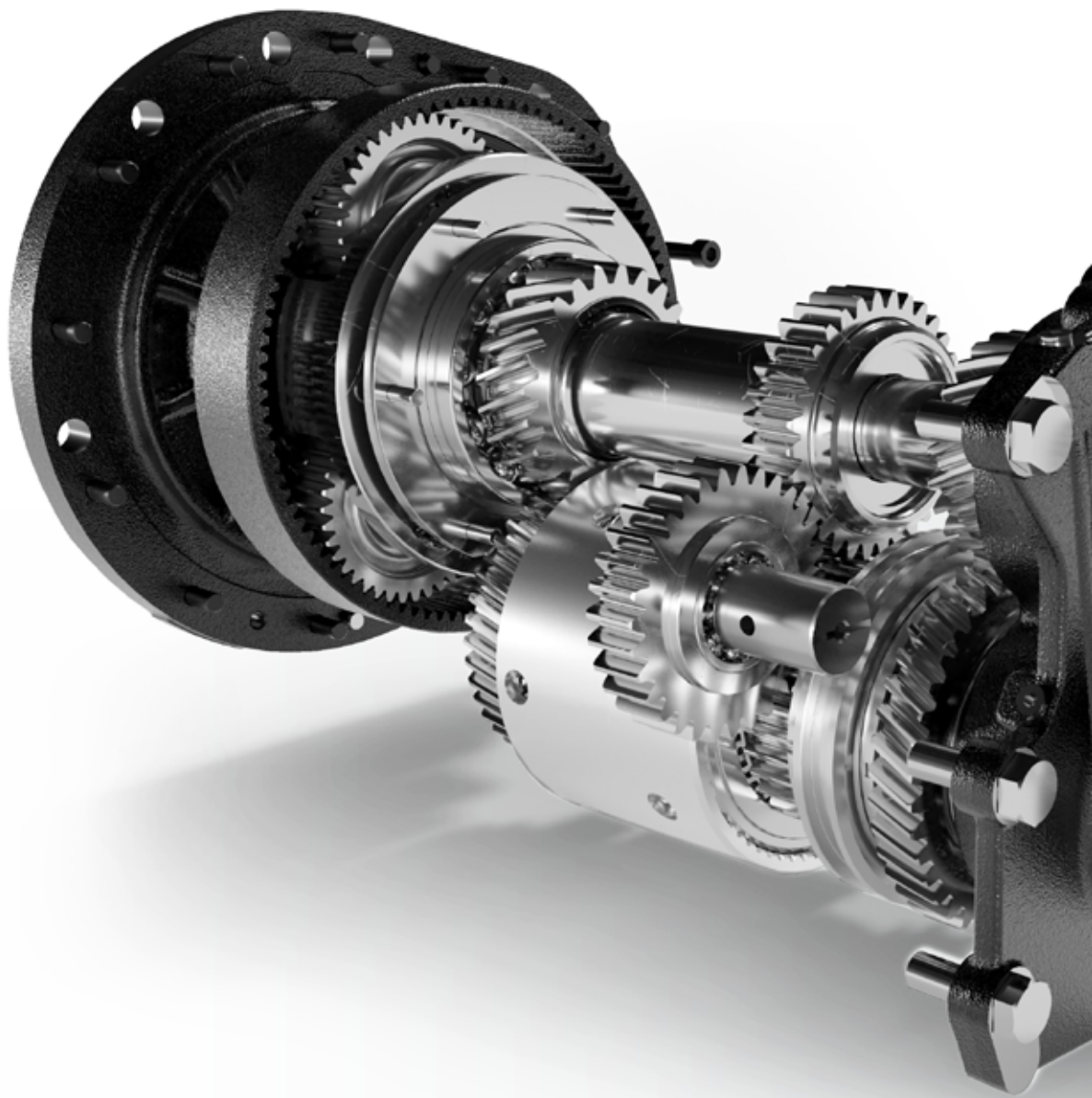
#### » FACTS

- ▶ 6-cylinder engines with turbocharger and intercooler
- ▶ 6.7 litre cubic capacity
- ▶ Rated power output: 150 – 180 hp. Max. power output: 165 – 200 hp
- ▶ High maximum torque with up to 940 Nm
- ▶ HI-eSCR2 technology from FPT fullfil Stage V
- ▶ S-TRONIC engine and transmission management
- ▶ Engine is fully compatible with hydro-treated vegetable oil, or HVO (bio-synthetic diesel)
- ▶ Up to 46% torque increase
- ▶ Extended engine service intervals (750 hours)
- ▶ Reversible fan
- ▶ Engine exhaust brake
- ▶ 330-litre fuel tank to help maximise the working day

# TRUST IS GOOD. **S-TRONIC** IS BETTER

## **S-Control™ CVT transmission**

Maximum torque with minimum fuel consumption, electronic control that permits even faster changes in direction and active stationary control to stop safely on a steep gradient: the continuously variable S-Control™ CVT transmission is a leader in comfort and efficiency.



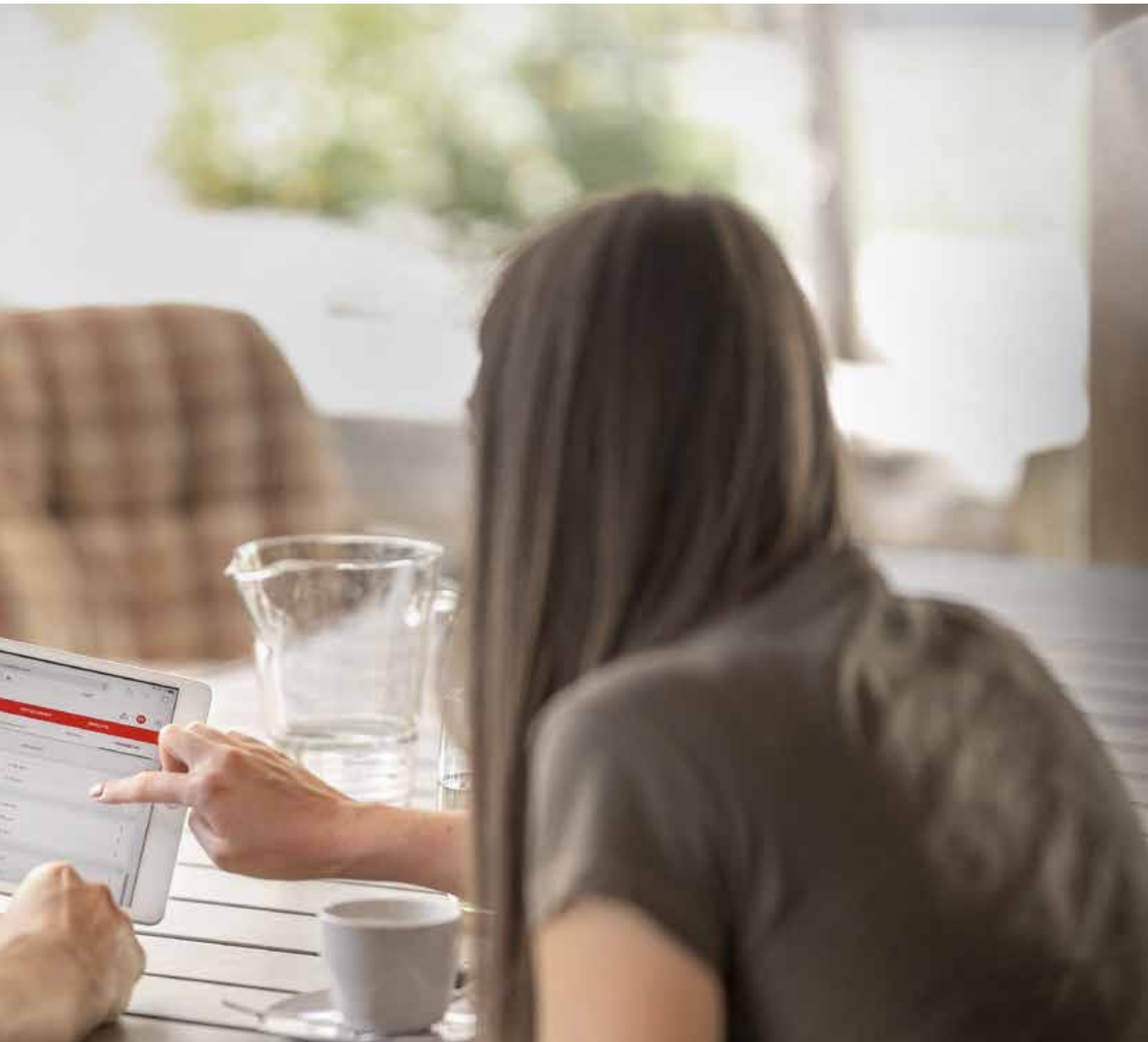
### S-TRONIC custom settings

Individually set-up your S-Control™ CVT transmission settings according to your operation.



### » FACTS

- ▶ Stepless from 0 to 40 or 50 kph
- ▶ 50 kph at reduced engine revs
- ▶ Two points of 100% mechanical efficiency
- ▶ Active hold control
- ▶ DKT – Double clutch technology
- ▶ Kick-down functionality
- ▶ S-TRONIC engine and transmission management
- ▶ CVT custom dynamics
  - Acceleration / deceleration
  - Shuttling speed
  - Drive pedal behavior
  - Engine torque response

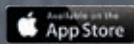


### Keep an eye on everything

Download the S-FLEET App and keep an eye on your operation anytime, anywhere!



One place to manage all your tractors as well as your equipment and devices.



### » FACTS

- ▶ S-FLEET telematic solutions for maximum productivity
- ▶ User-friendly interface
- ▶ Time-saving management
- ▶ Data visualisation enhancing decision making
- ▶ Efficiently track your equipment's location and view machine parameters in real time
- ▶ mySTEYR is your destination for STEYR product support
- ▶ Solutions for mixed fleets – DataConnect



## SPECIFICATIONS

MODEL		6150 IMPULS CVT		6165 IMPULS CVT		6175 IMPULS CVT	
<b>TRANSMISSION</b>							
<b>S-Control™ CVT</b> Continuously variable transmission Driving speed* 0-50 kph or 0-40 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 [cm³]		6 / 6,728		6 / 6,728		6 / 6,728	
<b>Max. engine power</b> ECE R120 <sup>1)</sup> [kW/hp]	<b>Rated engine power</b> ECE R120 <sup>1)</sup> [kW/hp]	121 / 165	110 / 150	132 / 180	121 / 165	147 / 200	132 / 180
<b>Max. engine power</b> ECE R120 <sup>1)</sup> PowerPlus <sup>2)</sup> [kW/hp]	<b>Rated engine power</b> ECE R120 <sup>1)</sup> PowerPlus <sup>2)</sup> [kW/hp]	140 / 190	129 / 175	154 / 210	140 / 190	165 / 225	151 / 205
<b>Engine speed</b> at max. engine power [rpm]	<b>Rated engine speed</b> [rpm]	1,800 – 1,900	2,200	1,800 – 1,900	2,200	1,800 – 1,900	2,200
<b>Max. torque</b> with PowerPlus <sup>2)</sup> [Nm @ 1,500 rpm]		805		875		940	
<b>Max. torque</b> [Nm @ 1,500 rpm]		700		770		840	
<b>Torque increase OECD</b> Standard / PowerPlus <sup>2)</sup> [%]		46 / 44		46 / 44		46 / 44	
<b>Fuel tank</b> Diesel / AdBlue® [l]		330 / 48		330 / 48		330 / 48	
<b>PTO</b> <span style="float: right;"><b>Shifttable with progressive electro-hydraulic engagement with optional PTO management</b></span>							
<b>PTO speed</b> [rpm] 540 / 540E / 1,000 or 540E / 1,000 / 1,000E		• / •		• / •		• / •	
<b>Engine speeds</b> [rpm] 1,969 / 1,546 / 1,893 or 1,592 / 1,893 / 1,621		• / •		• / •		• / •	
<b>PTO shaft type</b>		1 3/8" 21-splines / 1 3/8" 6-splines					
<b>Front PTO</b> 1,000 @ 1,895 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	140 L/min	•		•		•	
	160 L/min	•		•		•	
<b>Max. operating pressure</b> [bar]		210		210		210	
<b>Max. lifting capacity</b> [kg]		8,257		8,257		8,257	
<b>Remote valves</b>	<b>rear, up to 5 electrical can be configured</b>	•		•		•	
	<b>midmounted, up to 3 electrical</b>	•		•		•	
<b>Hydraulic linkage</b> Cat II/III with high-speed tail hook		•		•		•	
<b>Integrated front hitch*</b> max. lifting capacity [kg]		3,568		3,568		3,568	

MODEL		6150 IMPULS CVT	6165 IMPULS CVT	6175 IMPULS CVT
<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> 1,829 mm [°]		55	55	55
<b>Min. turning radius</b> Track width <sup>3)</sup> 1,829 mm [m]		5.45	5.45	5.45
<b>BRAKES</b>				
Wet dual brake discs, hydraulically actuated		●	●	●
All-wheel brake with Opti-Stop		●	●	●
Two-line compressed air braking system		●	●	●
S-BRAKE patented trailer brake system		●	●	●
<b>TYRES</b>				
<b>Maximum tyre size<sup>4)</sup></b>	Front	600/65 R28	600/65 R28	600/65 R28
	Rear	710/70 R38	710/70 R38	710/70 R38
<b>WEIGHT</b>				
<b>Approximate shipping weight*</b> Standard / Suspended front axle [kg]		6,480 / 6,782	6,480 / 6,782	6,480 / 6,782
<b>Permissible total weight [kg]</b>		11,500	11,500	11,500
<b>DIMENSIONS<sup>3)</sup></b>				
<b>Max. length</b> with front and rear lower links down [mm]		5,316		
<b>Min. width</b> across rear fenders – narrow / wide type fender [mm]		2,060 / 2,476		
<b>Total height [mm]</b>		3,026		
<b>Wheelbase [mm]</b>		2,789		
<b>Min. – max. track width front [mm]</b>		1,325 – 2,285		
<b>Min. – max. track width rear [mm]</b>		1,430 – 2,230		

● 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> Power Plus 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)