

CVT

6135 CVT
6145 CVT
6155 CVT
6170 CVT
6190 CVT

Greater Freedom
of Movement



 **STEYR**

- S-Tronic with automatic driving strategy recognition
- Continuously variable transmission for excellent efficiency

- 50 kph at below 1900 rpm for low fuel consumption
- Active hold (stop) control for increased safety

- Easy Tronic automated headland functions to minimize operator interventions
- Reverse drive facility* for higher productivity





Advanced motion technology

Each tractor in the CVT range is a masterpiece of Austrian engineering. From the luxury features of the cab through to the high performance of the key components, each detail has been implemented using the optimum technological solution reaped from 50 years of experience in the field.

CVT power. Every STEYR CVT tractor is powered by a 6.6 litre turbocharged, intercooled, low-emission (tier II compliant) diesel engine. All models feature electronically controlled continuously variable hydro-mechanical transmission, including creeper speeds. The four speed rear PTO is standard, and all five tractors in the range can be supplied with a front PTO. The hydraulic system features a high capacity hitch and automatic ride control to prevent implements oscillating while travelling at high speed. Automatic 4WD and differential lock are standard equipment, and there is a choice of front axles, including a suspended front axle and disc brakes for additional safety when hauling heavy loads on the road.

CVT comfort. Attention to detail is apparent throughout the new CVT Series, especially inside the suspended luxury STEYR cab. Despite having excellent all-round vision, there are several features that will instantly grab your attention. There is the hi-tech tractor monitor (instrument cluster), the performance monitor, the new central working light panel with memory functions and a joystick for adjusting the telescopic mirrors (if fitted). There is also air conditioning, an integrated cooling box, a fully adjustable luxury seat with lumbar support and an adjustable steering column to ensure a stress-free working shift.

CVT control. The operator controls are arranged logically and ergonomically, integrated into the right-hand armrest and right-hand control panel. Providing fully programmable functions - such as Easy Tronic automated headland functions, remote valve timing and engine speed management; plus electronic cruise control, automatic four wheel drive and differential lock systems - puts the driver in complete control.

*) to comply with legislation and specification in your country



CVT

STEYR S-Tronic controls:

- Engine
- Continuously variable transmission
- Remote valves
- EHC (Electronic Draft Control)

- Tractor Monitor
- Performance monitor
- Operator controls
- Service tool software

Multicontroller II commands:

- Cruise control and speed ranges
- Rear hitch and remote valve
- Easy Tronic automated headland functions
- Power Shuttle

STEYR S-Tronic

The ease of operation.

STEYR CVT tractors are equipped with a highly advanced electronic network to allow permanent communication between important components through a continuous exchange of data. This system - the STEYR S-Tronic - uses a CAN BUS to connect the engine, continuously variable transmission, EHR (Electronic Draft Control), PTO, auxiliary control units and differential lock as well as operator controls and the performance monitor.

The STEYR Multicontroller II.

It is ergonomically integrated into the adjustable operator's seat arm rest and enables you to control:

- Cruise control - faster/slower
- Cruise control on/off
- Speed ranges
- Hitch - lift/lower
- 1 electromagnetic proportional auxiliary valve with float setting and timer.
- Easy Tronic automated headland functions

Start off in comfort. You select the travelling direction, give the acceleration signal and start off smoothly and gently, with a full load. Even on slopes and with heavy trailers. The active stop control prevents the tractor from rolling in hilly terrain under any load. By activating the shuttle lever and "+" button on the Multicontroller II simultaneously you can even start off without operating the foot pedal. Three different cruise control speed settings can be programmed and recalled.

The performance monitor.

The performance monitor integrated into the A-post displays current time, travelling direction and cruise control value. It is self-explanatory and thus easy to understand and operate.

The key functions menus are

- 1) AUX menu: max. oil volume, oil flow rate, timer display and float settings of auxiliary valves.
- 2) Monitor menu: fuel consumption, management settings, speed range info, cruise control settings, software status, etc.

The software status can be retrieved for updates.

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Multicontroller II

for easy command and control.



Tractor Monitor

for at-a-glance information like field performance (ha/h, total ha, etc.), service intervals, reset functions, etc.



Easy Tronic

up to 30 end-of-row related functions for two separate headland operations can be stored and recalled.

- Continuously variable from 0 to 50 kph*
- Active hold (stop) control
- 6 cylinder intercooled turbodiesel, electronically controlled
- 4-speed PTO with management
- Loadsensing hydraulic system
- High maximum lifting capacity
- Automatic 4WD/ differential lock
- Electronically controlled independent front axle suspension
- STEYR luxury suspension cab
- Reverse drive facility*

Continuously variable into the future.

When you buy a new STEYR CVT you get future-safe advanced motion technology. Feel the satisfaction of being in command of first-class Austrian engineering: first-class transmission, first-class engine, first-class PTO, first-class cab.

Continuously variable transmission. CVT says it all. STEYR has created the ultimate continuously variable transmission for all conditions. Engine power is transmitted in part hydraulically, but predominately mechanically - rugged technology for high demands. A new transmission design allows 50 kph at a reduced engine speed of below 1900 rpm.

Powerful and flexible engine. Turbocharged and intercooled, CVT six cylinder diesel engines feature an electronic Bosch injection system. They have extremely low emissions (well below current EU tier II requirements) and excellent fuel economy. Electronically-controlled, these engines deliver enormous power and high elasticity at a rated engine speed of only 2100 rpm.

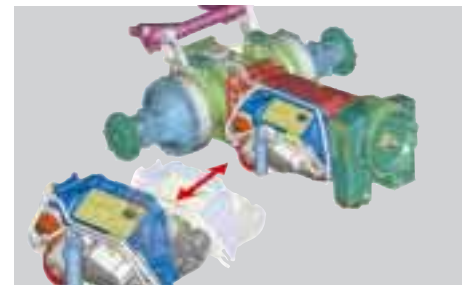
PTO at the press of a button. The electro-hydraulically operated 4-speed PTO can be engaged under load, with an electronic 4-speed PTO control ensuring implements are started up slowly. Maximum engine power is transmitted to the PTOs (integrated front PTO also available) with a high degree of efficiency.

Precise control – high lift capacity. The state-of-the-art pressure flow compensating hydraulic system controlled by the axial piston pump delivering up to 130 l/min is standard.

On all STEYR CVT tractors the functions of the hitch are executed precisely by the EHR-D (Electronic Draft Control - Digital) system to conveniently provide extremely fine control. Automatic vibration damping neutralizes any vibrations caused by heavy implements while travelling on roads at high speed.

Superb level of comfort. Even under the extremely arduous conditions of continuous operation, the suspended Super Comfort cab that comes as standard with STEYR CVT tractors protects your health and maintains your concentration. Particularly low noise levels, ideally adjustable cab climate, optimal seating comfort and ergonomically arranged switches and controls will ensure your sustained performance.

*) to comply with legislation and specification in your country



Modular construction of transmission and rear axle components.



Ergonomic and logical layout of operator controls.



Reverse drive facility* adding even more versatility and productivity by simply rotating the driver's seat to face a second steering wheel.



	6135 CVT	6145 CVT	6155 CVT	6170 CVT	6190 CVT
Engine	6 / 6600 / Turbo, Intercooler				
No. of cylinders / capacity (cm ³)	6 / 6600 / Turbo, Intercooler				
Rated power ISO 14396 (kW/hp(cv))	101 / 137	108 / 147	115 / 156	126 / 171	141 / 192
Rated power ECE-R24 (kW/hp(cv))	89 / 121	96 / 131	103 / 140	114 / 155	129 / 175
... at engine speed (rpm)	2100	2100	2100	2100	2100
Max. torque (Nm)	570	610	660	725	790
... at engine speed (rpm)	1400	1400	1400	1400	1500
Torque rise (%)	38	38	39	39	35
Fuel tank capacity (litres)	310	310	310	310	310
Transmission	Continuously variable				
Type	Continuously variable				
Travelling speed range	0 to 50 kph				
Steering	Hydrostatic Load sensing system				
Type	Hydrostatic Load sensing system				
Steering angle (°)	50				
Turning radius (m)	5.4				
Power take off	540 / 540E / 1000 / 1000E				
Speeds (rpm)	540 / 540E / 1000 / 1000E				
Engine speeds (rpm)	1878 / 1608 / 1869 / 1600				
Shaft type	Exchangeable 6/21 spline, 1 3/8"				
Front PTO* (rpm)	1000				
Hydraulic system	106 PFC		130 PFC		
Type (l/min)	106 PFC		130 PFC		
Max. system pressure (bar)	205 +/-5				
Control	EHR-D with automatic ride control				
Max. lift capacity (kg)	9900				
Max. number of remote valves	5				
Category type	Category III / II with quick couplers				
Front hitch* lift capacity (kg)	4000				
Weight					
Minimum weight (kg)	6390	6390	6490	6770	6770
Permissible total weight (kg)	10000	10000	11500	11500	11500
Dimensions					
Overall length (mm)	4756	4756	4756	4766	4766
Overall height (mm)	3000	3000	3000	3000	3000
Overall width (mm)	2490	2490	2490	2490	2490
Wheel base (mm)	2822	2822	2822	2832	2832
Standard tyres*	540/65 R28				
Front	540/65 R28				
Rear	650/65 R38				
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Your STEYR-Dealer:

SAFETY FIRST. Before using the equipment please read the operating instructions and ensure that all controls function correctly. Pay special attention to the signs and notices and use the safety appliances fitted for your personal safety. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. STEYR reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment.
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