



EQ: The continuously variable transmission for tractors

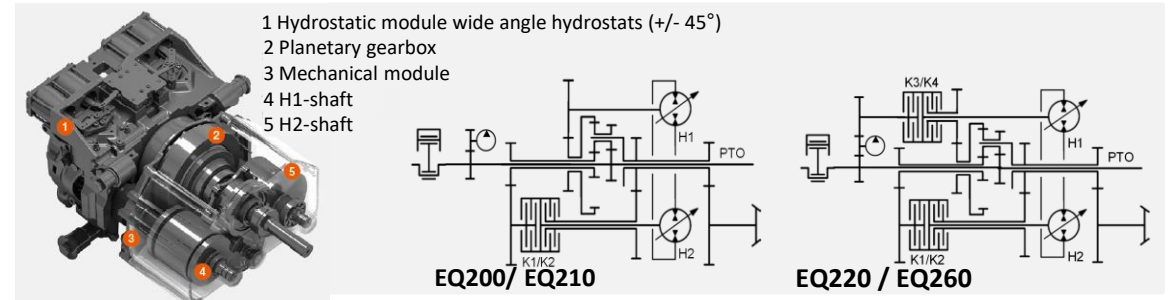
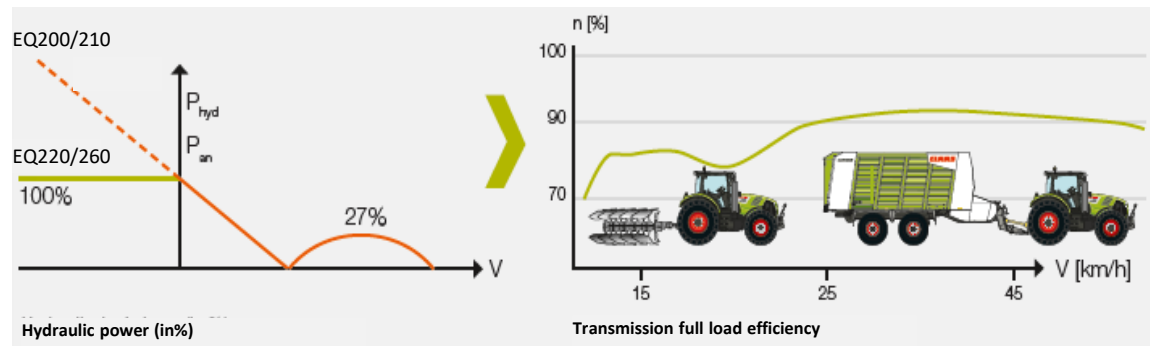


Key features:

- Active standstill control
- Jerk-free and automatic speed step change
- Versatile range of applications
- High efficiency
- Low fuel consumption

EQ transmission - Easy and comfortable stepless driving.

The continuously variable EQ200/220 transmission for the ARION 500/600 is a transmission developed in-house by CLAAS. The intelligent combination of a stepped planetary gearbox, a clutch unit and two hydrostats enables an optimum power flow. The transmission is characterized by its simple design and has two automatically changing driving speeds.



Transmission type	EQ200	EQ210	EQ220	EQ260	
Transmission input					
Torque motor output shaft	[-]	Counterclockwise			
Motor speeds	[U/min]	650-2250			
Max. input power	PS	175	195	220	250
Max. input torque	Md	714	800	850	1155
Transmission characteristics					
Clutch	[-]	K1/K2	K1/K2	K1/K2 & K3/K4	K1/K2 & K3/K4
Gear ratio (n-out / n-in)	L	-0,4...+1,5	-0,4...+1,5	-0,5...+1,5	-0,5...+1,5
Driving ranges	1	Output coupling			
	2	Compound			
	R*	Output coupling	Hydrostatic		
Hydrostat Modul					
Hydrostats	[-]	Wide Angle Hydrostats (+/- 45°)			
Hydrostats size (H1/H2)	[cc]	160 / 233	233 / 233	160 / 233	233/233
Transmission output					
Direction of rotation output shaft	[-]	Counterclockwise			
Max. Gearbox torque (vehicle standstill)	[Nm]	8000			
Max. Gearbox torque(max. driving speed)	[Nm]	476	533	567	770
Max. Output torque	[U/min]	3375			

* Reverse drive