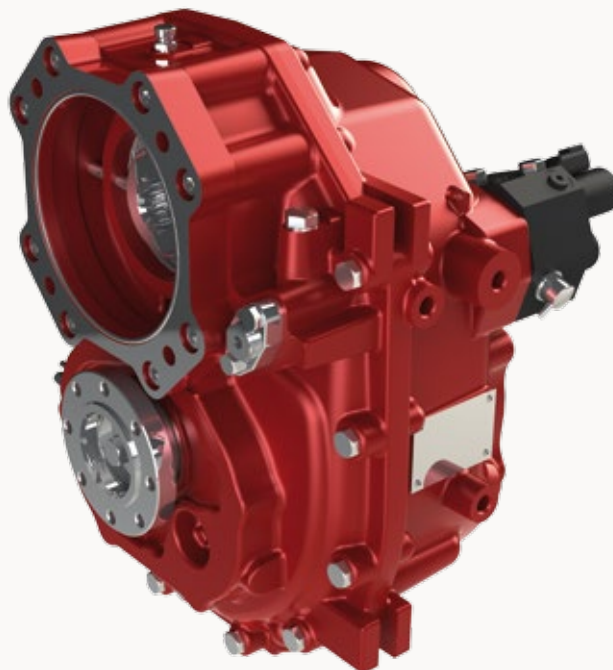


Hydrostatic Transmissions

MODEL		TB135	TB138-2	TB172	TB172-2	TB172-2 Speedshift		
Description		Single speed Single Motor Gearbox	Dual speed Single Motor Gearbox	Single speed Single Motor Gearbox	Dual Speed Single Motor Gearbox	Dual Speed Single Motor Gearbox		
Motor Size	cc	up 60	up 80	80-160	80-160	80-160		
Max Input torque	Nm	450	510	1020	1020	1020		
Max Input speed	rpm	6000	5500	5500	5500	5500		
In/Out Centerline distance	mm	135	138.5	172	172	172		
Onput Interfaces		DIN 13010	DIN 100 x 8 holes		DIN 13010/1410 SAE 1410/1480	DIN 13010/1410 SAE 1410/1480	DIN 13010/1410 SAE 1410/1480	
Reduction ratios		Single Ratio	1 st	2 nd	Single Ratio	1 st	2 nd	1 st 2 nd
		2.3	2.75	1.163	1.196	2.971	1.129	2.971 1.129
		1.853			1.795	3.515	1.273	3.515 1.273
		3			2.027	4.286	1.359	4.286 1.359
					2.469			
					3.148			
Speed Shifting			Electro-Hydraulic Vehicle stopped			Electro-Hydraulic Vehicle stopped		Electro-Hydraulic Vehicle on the go



Torque Converter Transmissions Power Shift

MAIN TECHNICAL DATA	TCB90 PS Coaxial			
Power Rating	82 kW @ 2,200 rpm			
Max input Torque	750 Nm			
Max input speed	2,400 rpm			
Internal Pump Type	Gear			
Engine Flywheel Interface	SAE 3			
Output Flange Type	Yoke 1410			
2WD output drop from Engine	188 mm			
4WD output drop from Engine	350 mm			
Vehicle Pump Interface	SAE C			
Torque Converter Size	W300			
Speed Gear	4 Fwd + 4 Rev			
Fwd/Rev Ratios Option	1:1 / 1:0.829			
FWD Speed Gear Ratios	1 st	2 nd	3 rd	4 th
	4.426:1	2.687:1	1.226:1	0.649:1
MFD Ratio Options	1:1			
Electronic Control	Yes			
Reverser	Power Reverse			
Gear Shifting	Power Shift			
MFD Connection Options	Permanent / SAHR Wet Clutch			
Parking Brake Options	None / SAHR Wet Discs / Manual Wet Discs			
Spin-On Oil Filter Options	Horizontal / Vertical / Remote			
Electric System Voltage	12V			
Differential Lock Solenoid	On Control Valve Assy			
Power Brake in/out Ports	15 bar nom.			
Speed Sensor	Yes			
Temperature Sensor	Yes			
Pressure Sensor	Yes			
Electrical Harness	Available			

All specifications can be subject to changes without prior advice by Carraro

