

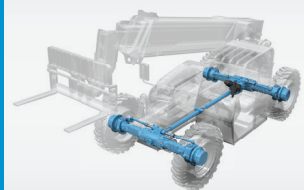
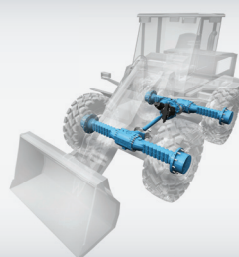
# Spicer® 318 Hydrostatic Continuously Variable Transmission



**SPICER®**  
*Off-Highway Systems*



Designed for hydrostatically driven vehicles, this innovative transmission combines high controllability with increased efficiency at high speeds more than 20 percent greater than standard hydrostatic transmissions.



# Spicer® 318 Hydrostatic Continuously Variable Transmission

Designed for compact wheel loaders and medium-sized telehandlers, the Spicer® 318 hydrostatic continuously variable transmission offers full CVT functionality without torque interruption, and increased efficiency at high travel speeds more than 20 percent greater than standard hydrostatic transmissions.

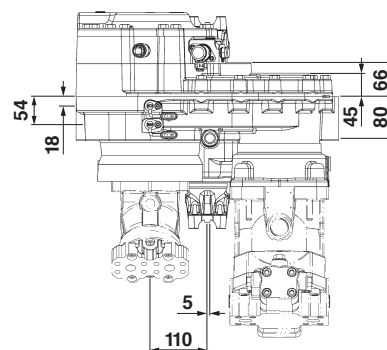
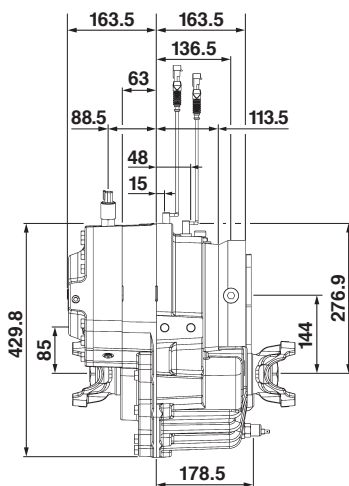
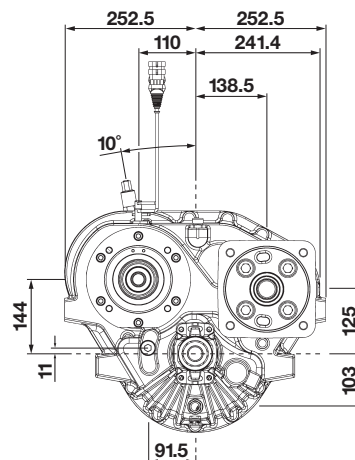
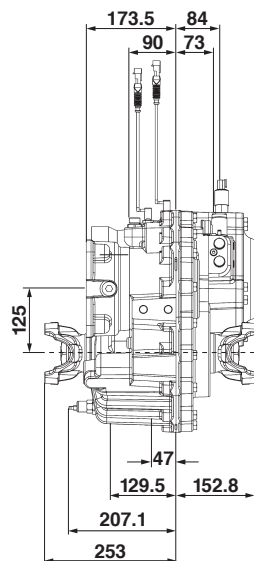
## Design Features

The possibility to obtain continuous speed variation with no need for gear shifting is the main feature of the Spicer 318 hydrostatic continuously variable transmission. It can accommodate various combinations of hydraulic motors from 80cc up to 115cc.

The second motor can be disconnected at high speed and re-engaged when high torque is needed. To provide additional design flexibility, the transmission can be supplied remote-mounted or directly flanged to Spicer axles.

## Benefits

This gearbox is specifically designed for hydrostatically driven industrial vehicles which require maximized top speed, efficiency, and tractive effort. The high efficiency of the system reduces power loss and, consequently, the fuel consumption of the vehicle.



## Technical Data

<b>Maximum Input Torque (Nm)</b>	550 (1 <sup>st</sup> motor 80cc) – 800 (2 <sup>nd</sup> motor 115cc)	<b>Speed Sensors</b>	At both motors
<b>Maximum Input Power (kW)</b>	55 (1 <sup>st</sup> motor 80cc) – 70 (2 <sup>nd</sup> motor 115cc)	<b>Output Flanges</b>	End yoke 1480
<b>Maximum Input Speed (RPM)</b>	5000	<b>Ratios Available</b>	Between output and 1 <sup>st</sup> motor (80cc) - 1.33/1 Between output and 2 <sup>nd</sup> motor (115cc) - 3.56/1

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## Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.