

The Dana Rexroth hydromechanical variable transmission (HVT) improves fuel savings up to 20 percent compared with standard torque converter transmissions.



Dana Rexroth
Transmission Systems

Hydromechanical Variable Transmission (HVT)

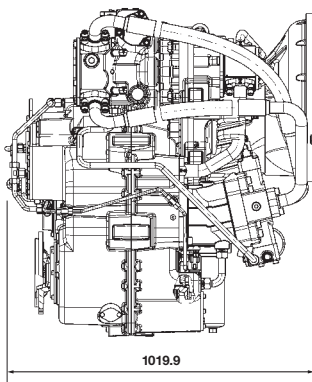
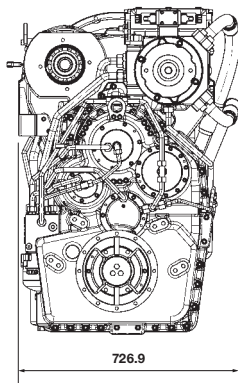
Up to 265 kW (360 hp)



Ideal for front end loaders, motor graders, heavy material handling, and forestry skidders, Dana Rexroth HVTs allow drive characteristics to be adjusted over the entire speed range, while they provide optimal handling and the highest possible throughput with maximum fuel savings.

Features and benefits:

- Stepless drive with no interrupted acceleration enhances comfort
- Space compatible with standard torque converter transmissions
- Power-specific fuel optimization – Diesel engine speed can be decoupled from drive speed for increased power management
- Hydrostatic braking and wear-free reverse shuttling help reduce service costs
- Three-range concept – The HVT has one hydrostatic drive range and two input-coupled power-split ranges
- Precise, dynamic, and adjustable tractive effort management control at low engine speeds enables efficient digging



Specifications	
Drive Ranges	3 Forward, 3 Reverse
2 Pump Drives	PTO 1 SAE "C"; PTO 2 SAE "B" or "C"
Mounting	Direct on Diesel Engine/Remote
Standard Ratios	CVT
Weight – Dimensions – Oil Capacity	
Weight (Dry) Kg (lbs)	900 (1,984.2)
Maximum Length mm (in)	1,019.9 (40.2)
Maximum Width mm (in)	726.9 (28.6)
Drop mm (in)	575 (45.3)
Oil Capacity L (gal)	35 (9.25)



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