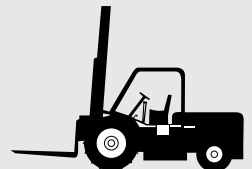
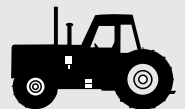
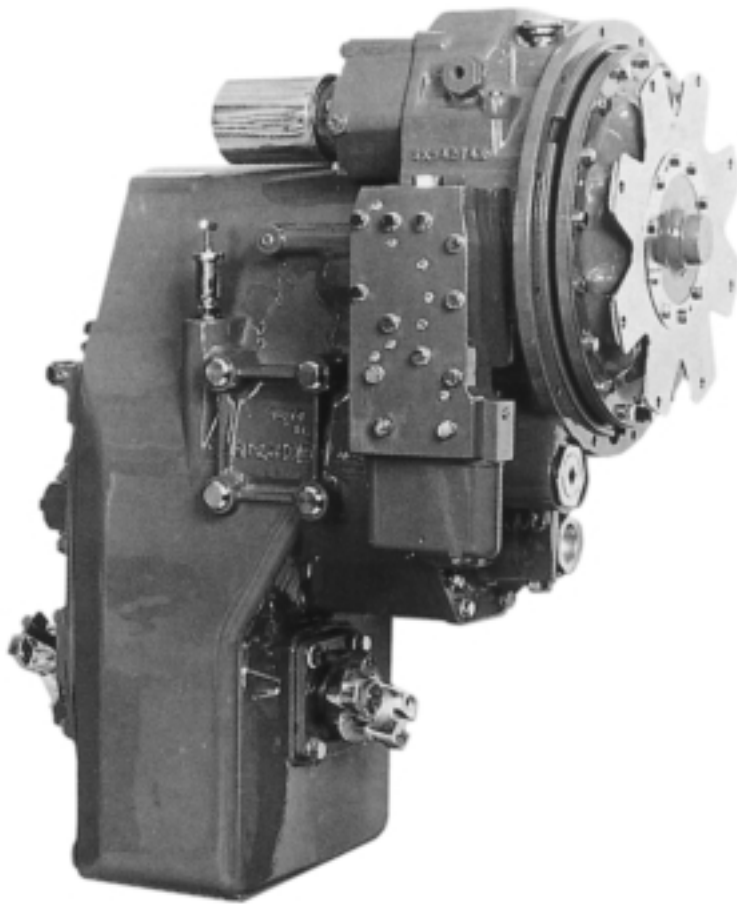


Specifications
24000
Powershift Transmission
130 to 160 Hp (97 to 120 kW)






SPICER OFF-HIGHWAY PRODUCTS



Complete Flexibility in Mounting & Design

24000

All three mounting configurations are available in short and long drop models.

<p>R MODEL The R Series is a remote transmission with an engine-mounted converter. This allows for flexibility of the transmission installation.</p> 
<p>HR MODEL The HR Series is an integral transmission and converter assembly mounted directly to the engine. As a single compact package, it minimizes external piping and eliminates a drive shaft.</p> 
<p>MHR MODEL The MHR Series is an integral transmission and converter assembly mounted remote from the engine. This assembly minimizes external piping.</p> 

ALL MODELS ARE AVAILABLE IN 3, 4 AND 6 SPEEDS

OPTIONS

(Available on most models)

- Clutch modulation
- Declutch air or hydraulic
- Inching valve: manual or hydraulic
- Remote mounted oil filter
- Horizontal/vertical control valve mount
- Electric shift control valve
- Remote control valve
- Output shaft parking brake
- Ground driven pump drive
- Speedometer drive
- Thru drive charging pump
- Axle disconnect, front or rear; mechanical, air or hydraulic operation
- Mid-ship-mounted transmission
- Remote-mounted transmission
- Converter freewheel
- Output flange variations
- Converter lock-up

RATIOS

A wide range of ratios available for most industrial requirements.

Contact Marketing Department for Information.

PUMP DRIVES

SAE "B" 2 or 4 - bolt

SAE "BB" 2 or 4 -bolt

SAE "C" 2 or 4 - bolt

Available with or without pump disconnect.

		TYPICAL RATIOS						3 Speed Short Drop	
		4 Speed & 6 Speed Long Drop Full Powershift							
		6 Speed				4 Speed			
		Model	24658		24655		24423		
		F	R	F	R	F	R	F&R	F&R
Speeds F & R	1st	9.07	9.07	7.76	7.76	4.34	4.34	4.56	7.91
	2nd	6.32	3.57	5.41	3.57	2.00	2.00	2.32	3.12
	3rd	3.57	1.19	3.57	1.19	.92	.92	1.00	1.00
	4th	2.49		2.49		.53			
	5th	1.19		1.19					
	6th	.83		.83					
		3 Speed Long Drop							
Model		24321	24323	24324	24325	24326	24340	24341	
Speeds F & R	1st	4.05	4.15	3.94	4.34	4.83	10.81	6.53	
	2nd	1.86	2.11	2.00	2.00	2.11	4.73	3.65	
	3rd	.80	.70	.70	.70	.70	1.58	1.58	

CONVERTER SPECIFICATIONS FOR HR AND MHR MODELS*

Maximum Input Speed 3100 RPM							
Converter	12.2	12.6	12.9	13.2	13w	13.6	13.9
Stall Torque Ratio	2.85	2.29	1.93	2.85	2.95	2.29	1.94
Nominal Input Torque							
Lb. Ft.	250	315	370	250	250	315	365
Nm	340	428	503	340	340	428	496

Flexplate Drive

Standard Boly Circle 13.50

Optional Bolt Circle 11.38 13.12 17.00

* Other torque converter data available for "R" configurations. Consult Marketing Department for Information.



SPICER OFF-HIGHWAY PRODUCTS DIVISION

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ALL APPLICATIONS MUST BE APPROVED BY THE APPLICATION ENGINEERING DEPARTMENT SPECIFICATIONS and/or DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION