

# AH 8700 Series Transmission



## RATINGS

Application	Input Power hp (kW)		Input Torque lb-ft (N.m)		Turbine Torque lb-ft( N.m)
	Gross	Net	Gross	Net	Net
Hauling Applications	1050 (783)	975 (727)	3600 (4881)	3300 (4474)	5650 (7660)
General	1050 (783)	975 (727)	3600 (4881)	3300 (4474)	5650 (7660)
Agricultural Tractor	850 (634)	775 (578)	3200 (4339)	2960 (4013)	5300 (7186)
Oil Field	1200 (895)	1104 (823)	3600 (4881)	3300 (4474)	5966 (8089)

## ENGINE INTERFACE

Acceptable full load engine governed speed	<b>1800-2300 rpm</b>
Minimum engine idle speed range (with transmission in drive)	<b>550 rpm</b>

## MOUNTING

### DIRECT

SAE No 0 automatic flywheel housing with flex plate drive. Cradle mounting using engine flywheel housing mounting pads and transmission rear cover mounting pads with M16x2 (or) 0.625-11bolts.

### REMOTE

Side pads on transmission rear cover plus front trunion mount.

TORQUE CONVERTER		MECHANICA RATIOS	
Type	Single phase, Three element	(Gear ratios do not include torque converter multiplication)	
Stall Torque Ratio	(1) AV TC 82 : 2.20, (2) AV TC 81 : 1.86	First	4.43 :1
Lockup clutch	Effective in all forward ranges	Second	2.39 :1
		Third	1.95:1
		Fourth	1.72:1
		Fifth	1.32:1
		Sixth	1.00:1
		Seventh	0.72:1
		Reverse	-5.87:1

## CONTROL SYSTEM

Description	Automatic electronic, Manual electric, Manual hydraulic
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