

Ratings and Specifications

RATINGS								
MODEL	RATIO	PARK PAWL	INPUT POWER ¹	INPUT TORQUE ¹	INPUT TORQUE W/SEM ^{1,2}	TURBINE TORQUE ³	GVW	GCW
			hp (kW)	lb-ft (N • m)	lb-ft (N • m)	lb-ft (N • m)	lbs (kg)	lbs (kg)
1000 MH	Close Ratio	Yes	340 (254)	550 (746)	565 (766)	850 (1152)	22,000 (10,000)	26,000 (11,800)
2100 MH	Close Ratio	No	340 (254)	550 (746)	600 (813)	850 (1152)	26,000 (11,800)	30,000 (13,600)
2200 MH	Close Ratio	Yes	340 (254)	550 (746)	600 (813)	850 (1152)	26,000 (11,800)	26,000 (11,800)
2500 MH	Wide Ratio	No	300 (224)	550 (746)	600 (813)	850 (1152)	33,000 (15,000)	33,000 (15,000)
3000 MH	Close Ratio	—	400 (298)	1200 (1627)	—	1555 (2108)	—	—
4000 MH	Close Ratio	—	525 (391)	1650 (2237)	—	2600 (3525)	—	—

¹ Gross ratings as defined by ISO 1585 or SAE J1995. ² SEM = engine controls with Shift Energy Management. ³ Turbine torque limit based on iSCAAN standard deductions

ENGINE SPEEDS			
MODEL	FULL LOAD GOVERNED SPEED	IDLE SPEED IN DRIVE	OUTPUT SHAFT SPEED
	Min-Max (rpm)	Min-Max (rpm)	rpm
1000	2200-4600 ¹	500-900	5000
2100/2200	2200-4600 ¹	500-900	4500
2500	2200-4500 ¹	500-900	4500
3000	2000-2800	500-800	3600 ²
4000	1700-2300	500-800	—

¹ Engines with full load governed speed greater than 3200 rpm require Application Engineering review. ² Retarder-equipped models only.

GEAR RATIOS - TORQUE CONVERTER MULTIPLICATION NOT INCLUDED							
MODEL	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	REVERSE
1000 MH	3.10:1	1.81:1	1.41:1	1.00:1	0.71:1	—	-4.49:1
2100 MH	3.10:1	1.81:1	1.41:1	1.00:1	0.71:1	—	-4.49:1
2200 MH	3.10:1	1.81:1	1.41:1	1.00:1	0.71:1	—	-4.49:1
2500 MH	3.51:1	1.90:1	1.44:1	1.00:1	0.74:1	—	-5.09:1
3000 MH	3.49:1	1.86:1	1.41:1	1.00:1	0.75:1	0.65:1	-5.03:1
4000 MH	3.51:1	1.91:1	1.43:1	1.00:1	0.74:1	0.64:1	-4.80:1

OPTIONAL RETARDER PROVISION - INTEGRAL, HYDRAULIC TYPE		
BASE MODEL	TORQUE CAPACITY	POWER CAPACITY
	lb-ft (N • m)	hp (kW)
3000		
- High	1600 (2170)	600 (447)
- Medium	1300 (1760)	500 (373)
- Low	1100 (1490)	400 (298)
4000		
- High	2000 (2710)	600 (447)
- Medium	1600 (2170)	600 (447)
- Low	1300 (1760)	500 (373)

OPTIONAL POWER TAKEOFF PROVISION - CONTINUOUS OPERATION				
BASE MODEL	MOUNTING PAD POSITIONS VIEWED FROM REAR	DRIVE GEAR RATING WITH ONE PTO	DRIVE GEAR RATING WITH TWO PTOS	DRIVE
		lb-ft (N • m)	lb-ft (N • m)	
1000 ¹	3 and 9 o'clock	250 (339)	200 (271)	Turbine
2000 ¹	3 and 9 o'clock	250 (339)	200 (271)	Turbine
3000 ¹	4 and 8 o'clock	485 (660)	685 (930)	Engine
4000 ¹	1 and 8 o'clock	685 (930)	1175 (1595)	Engine

¹ PTO-delete option available.

