

# Hydraulic Planetary Gear Winches: RPH 8,000, 10,000, 12,000 & 15,000

Ramsey industrial hydraulic planetary winches are developed to meet a need for increased line speed for vehicle recovery and other industrial uses. Winches feature easy free spooling, single lubricant for all temperature ranges and light weight. For more information, see Planetary Hydraulic Winch Brochure.

- Ramsey Level Winders available
- Ramsey Cable Tensioners available (except RPH 15000)
- Optional Air Shift Clutch available
- Some models available with 2-speed motor



**RPH 8,000**  
shown with manual clutch shifter



**RPH 10,000**  
shown with standard drum, optional air cylinder clutch shifter and clutch engagement indicator light.

## Performance Data Conforms to SAE J706 except as noted

Winch Model	Recommended Wire Rope Size INCHES MM	Hydraulic Pressure Required For Rated Line Pull (PSI)	Hydraulic Flow Required For Rated Line Speed (GPM)	Gear Ratio	Weight without cable	1st Layer		2nd Layer		3rd Layer		4th Layer		5th Layer		6th Layer							
						Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)			
<b>HYDRRAULIC PLANETARY</b>																							
RPH 8-S	3/8	2500	15	5.1:1	90lbs (41kgs)	8000	25	50	6800	55	58	5900	90	67	5200	130	76	4700	170	84			
RPH 8-Y	10				85lbs (39 kgs)	3620	7	15.2	3080	16	17.6	2670	27	20.3	2350	39	23.1	2120	51	25.5			
* RPH10-S	7/16	2100	15	5.1:1	95 lbs (43 kgs)	10,000	20	32	8300	50	38	7100	80	44	6200	115	51						
** RPH10-Y	11				90lbs (41 kgs)	4530	6	9.8	3760	15	11.6	3220	24	13.4	2810	35	15.5						
RPH12	7/16	2500	15	5.1:1	110 lbs (50 kgs)	12,000	20	32	10,000	50	38	8500	80	44	7500	115	51	6600	160	57			
	11				5440	5440	6	9.7	4530	15	11.5	3850	24	13.4	3400	35	15.5	2990	48	17.3			
* RPH15	1/2	2500	15	7.7:1	300 lbs (136kgs)	15,000	35	25	12,600	75	29	10,800	125	34	9500	180	39	8500	240	44	7600	310	48
	13				6800	6800	10	7.6	5710	22	8.8	4890	38	10.3	4300	54	11.8	3850	73	13.4	3440	94	14.6

Note: The rated line pulls shown are for the winch only. Consult the wire rope manufacturer for wire rope ratings.

These specifications are based on recommended EIPS wire rope.

\*Last layer does not conform to SAE Standard J706.

\*\*RPH 10 Brake capacity 8000 lbs.

# Hydraulic Planetary Gear Winches: RPH 20,000, 25,000, 30,000, 45,000 & 50,000



RPH 30,000  
shown



RPH 45,000  
shown

## Performance Data Conforms to SAE J706 except as noted

Winch Model	Recommended Wire Rope Size INCHES MM	Hydraulic Pressure Required For Rated Line Pull (PSI)	Hydraulic Flow Required For Rated Line Speed (GPM)	Gear Ratio	Weight without cable	1st Layer			2nd Layer			3rd Layer			4th Layer			5th Layer			6th Layer		
						Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)	Rated Line Pull LBS KGS	Cable Cap. Ft M	Line Speed (FPM) (MPM)
HYDRAULIC PLANETARY																							
RPH 20	9/16 14	2500	15	25.53:1	375 lbs (170 kgs)	20,000 9070	35 10	26 7.9	16,900 7660	85 25	30 9.1	14,700 6660	135 41	35 10.6	13,000 5890	195 59	39 11.8	11,600 5260	265 80	44 13.4			
* RPH 25	5/8 16	3000	15	25.53:1	380 lbs (172 kgs)	25,000 11,340	35 10	27 8.3	20,800 9430	75 22	31 9.5	17,900 8110	125 38	36 11.1	15,600 7070	185 56	41 11.8	13,900 6300	245 74	46 14.0			
* RPH 30	5/8 16	2800	15	31.89:1	486 lbs (220 kgs)	30,000 13,605	30 9	19 5.7	25,200 11,430	75 22	23 7.0	21,700 9840	120 36	26 7.9	19,100 8660	175 53	29 8.8	17,000 7700	235 71	33 10.0	15,400 6980	300 91	
RPH 45	3/4 19	3000	25	51.35:1	798 lbs (362 kgs)	45,000 20,380	35 10	23 7.0	37,700 17,100	75 22	27 8.2	32,400 14,690	125 38	32 9.8	28,500 12,920	180 54	36 11.0	25,300 11,460	245 74	40 12.2	22,900 10,380	310 94	45 13.7
* RPH 50	7/8 22	3000	25	51.35:1	799 lbs (362 kgs)	50,000 22,670	30 9	23 7.0	40,900 18,550	65 19	28 8.6	34,600 15,690	110 33	33 10.1	30,000 13,600	160 48	38 11.7	26,400 11,970	220 66	43 13.2			

Note: The rated line pulls shown are for the winch only. Consult the wire rope manufacturer for wire rope ratings. These specifications are based on recommended EIPS wire rope.  
\*Last layer does not conform to SAE Standard J706.