

Hydraulic Planetary Gear Winches: RPH 20,000, 25,000, 35,000, 30,000, 45,000 & 50,000



- Ramsey Air Tensioners Available
- Standard Air Shift Clutch
- All models available with 2-speed motor



RPH 30,000
shown



RPH 45,000
shown

Note: Cast foot mount end bearings not shown.

Performance Data Conforms to SAE J706 except as noted

Winch Model	Recom- mended Wire Rope Size (NORSA MB)	Hydraulic Pressure Required For Rated Line Pull (PSI)	Hydraulic Flow Required For Rated Line Speed (GPM)	Gear Ratio	Weight with out cable (LBS) (KGS)	1st Layer		2nd Layer		3rd Layer		4th Layer		5th Layer		6th Layer				
						Rated Line Pull (LBS) (KGS)	Cable Cap. (%) (%)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (%) (%)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (%) (%)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (%) (%)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (%) (%)	Line Speed (FPM) (MPM)
HYDRAULIC PLANETARY																				
RPH20	5/16	2500	15	25/31	375	20,000	35	28	16,900	85	30	14,700	135	39	13,000	195	39	11,800	265	44
	14				95	9070	10	7.9	7660	25	8.1	6660	10	10.9	9500	59	11.6	5290	80	13.4
RPH25	5/8	3000	15	25/31	380	25,000	35	27	20,800	75	31	17,900	126	38	15,800	185	41	15,800	245	46
	16				12	11,240	10	8.3	9430	22	8.5	8110	30	11.1	7070	36	11.0	6300	54	14.0
RPH30	5/8	2800	15	31/81	490	30,000	35	19	25,200	75	23	21,700	120	28	19,100	175	29	17,000	235	32
	16				220	13,800	9	5.7	11,430	22	7.0	9540	30	7.9	8680	52	8.8	7700	71	10.0
RPH35	3/4	2650	15	31/81	380	35,000	25	15	28,600	60	18	24,200	105	21	21,200	155	22			
	18				280	15,800	7.8	4.6	13,800	18.3	5.5	11,200	32	8.4	9540	47.2	7			
RPH45	3/4	3000	25	31/31	680	45,000	38	23	37,700	75	27	32,400	125	30	28,900	180	38	25,300	245	40
	18				350	20,280	10	7.8	17,100	22	8.2	14,800	35	8.8	12,900	54	10.0	11,480	74	12.2
RPH50	3/4	3080	25	31/31	680	50,000	38	23	40,900	65	28	34,800	110	32	30,900	160	38	28,400	230	43
	22				350	22,670	9	7.8	18,550	19	8.6	15,800	33	10.1	13,800	48	11.7	11,970	66	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.