

20,000 lb Rated Line Pull



Features and Benefits

- Synthetic rope approved
 - 12 strand (HMPE), commonly known as Dyneema
 - Maximum winch capacity is 210 ft.
- Fast line speed
 - Up to 33 ft/min under full load
- Compact design
 - Optimizes space usage
 - Increased cable capacity
- Negative draft clutch design
 - Ensures positive hold on load
- Internal air-shift free spool
 - Enables remote operations
- Low temperature shifting (down to -40° F/C)
 - Allows for extreme cold weather operation
- High-efficiency gear set
 - Optimizes performance
- Superior cable management
 - Roller Tensioner (optional)
 - Improved bird nesting control
 - Constant spring force
 - Adjustable pneumatic force
 - Dual adjustable drag brakes
- Two speed motor
 - 12 or 24 VDC 2-speed shifting
 - Reliable control signal

HERCULES 20000 Specifications

Rated Line Pull (Low Speed)	20,000 lb (9,072 kg)
Weight (without Cable)	Single Speed: 345 lb (156.5 kg) 2 Speed: 355 lb (161 kg)
Gear Reduction	25.53:1

HERCULES 20000 Standard Drum						
Layer of Cable		1	2	3	4	5
Rated Line Pull / Layer* (Low Speed)	lb	20,000	16,900	14,700	12,900	11,600
	kg	9,072	7,666	6,668	5,851	5,262
Rated Line Pull / Layer* (High Speed)	lb	10,000	8,450	7,350	6,450	5,800
	kg	4,536	3,833	3,334	2,926	2,631
Line Speed – Low (at 20 GPM)*	FPM (MPM)	33 10.0	38 11.6	43 13.1	48 14.6	54 16.6
	FPM (MPM)	66 20.1	76 23.2	86 26.2	96 29.3	108 32.9
Cable Capacity* Standard Drum	ft	30	65	110	155	210
	m	9.1	19.8	33.5	47.2	64.0

** Specifications based on recommended wire rope of .56 in (14.2 mm) dia. EIPS cable and 8.0 cu. in. (131 cc)/rev. motor.
 * 2,850 psi (197 bar) working pressure
 * Use only Ramsey Winch recommended synthetic rope.
 - Directional control valve: 3 position, 4-way motor spool. - Winch meets SAE J706.

- Fabricated drum
 - Straight flanges reduce cable climbing
- Bi-directional winch
 - Flexibility for over or under winding
 - Dual cartridges c/b valves for easy rotation change



