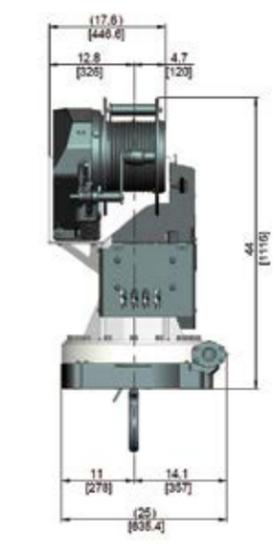
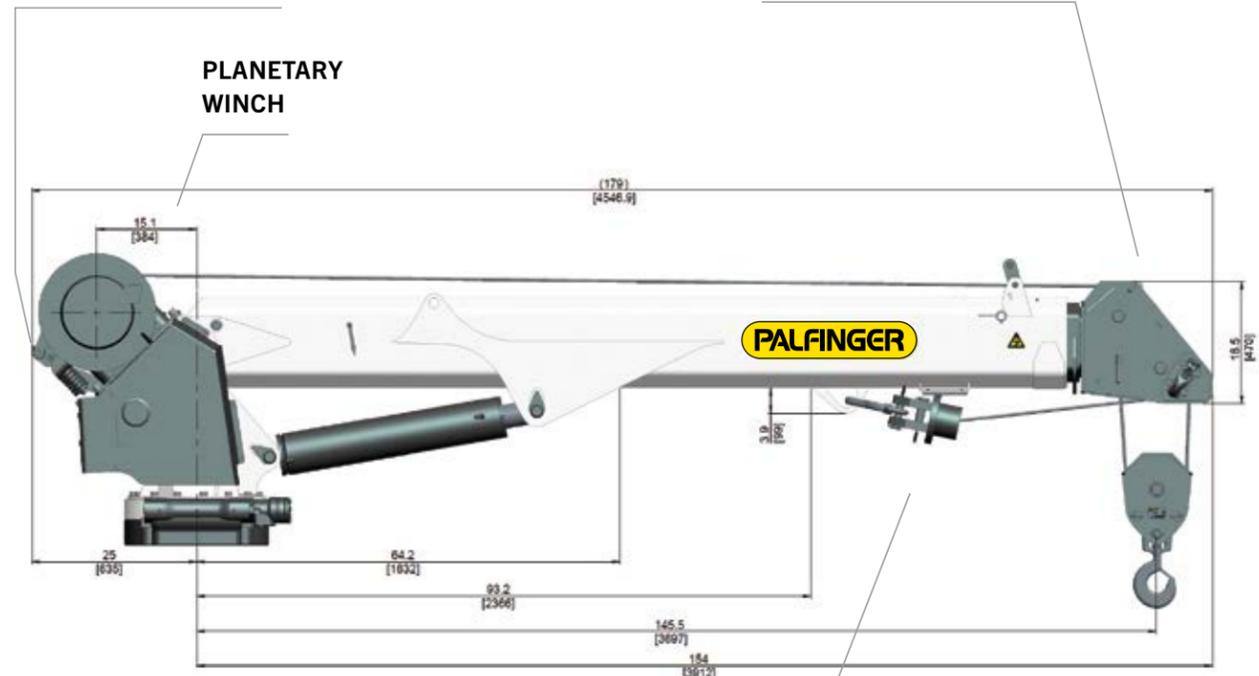




# TECHNICAL SPECIFICATIONS

## WINCH DAMAGE PREVENTION SYSTEM



LOAD BLOCK STOWING BRACKET

## LOAD CHART

### CRANE RATING

Rated lifting moment	86,000 ft*lbs. (116.6 kNm (11.9 mt))
Maximum lifting moment	94,676 ft*lbs. (128.4 kNm (13 mt))
Boom extensions	29 ft. (8.9 m)
2 Hydraulic	
Crane weight	2,833 lbs. (1,285 kg)
Hydraulically powered extensions	
Hexagonal boom profile	

### CONTROL SYSTEM

Wireless remote control unit	
Integrated E-stop button	
Manual emergency valve activation capability	
Integrated warning horn	
12V DC power supply	

### ROTATION SYSTEM

Slewing torque	8,796 ft*lbs. (11.9 kNm (1.3 mt))
Slewing angle	400° rotation
Worm gear drive with surface hardened gear teeth	

### STANDARDS (meets or exceeds)

Crane design	ASME B30.5   OSHA 1910.28
Calculation	EN 12999 H1, B6

### PLANETARY GEAR WINCH

Max. winch force single line	7,000 lbs. (3,175 kg)
Max. winch force double line	14,000 lbs. (6,400 kg)
Max. line speed	60 ft./min (18.2 m/min)
Cable size and length	1/2" x 120' (12.7 mm x 36.5 m)
Two-block damage prevention system	
3rd wrap end stop system option	

### HYDRAULIC SYSTEM

Operating pressure	3,045 psi (21 Mpa (210 bar))
Required oil flow	8-12 GPM (30-45 l/min)
Electronic overload protection system	
Five stage marine-grade seals on all cylinders	
Non integrated load-holding valves on all cylinders	

### CRANE | CHASSIS INTERFACE

Base plate dimension	22" x 24.40" (560 mm x 620 mm)
Hole pattern	Asymmetric 8-bolt pattern
Mounting bolts	8 x 1 1/4" -7 UNC

### CHASSIS RECOMMENDATION

Chassis style	Conventional
Minimum GVWR	Class 7 (33,000 lbs. (14,970 kg))

Weights of load-handling devices are part of the load lifted and must be deducted from the capacity.

