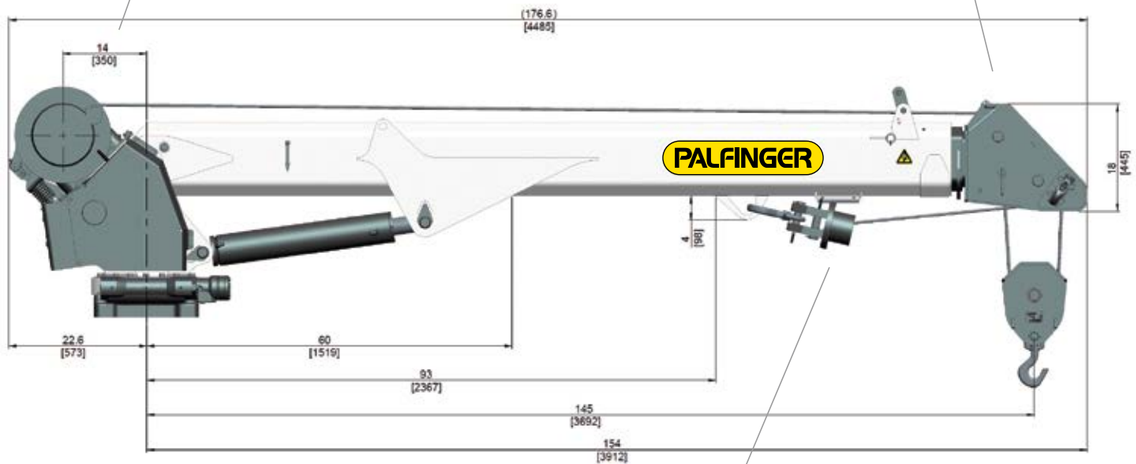
SERVICE CRANE

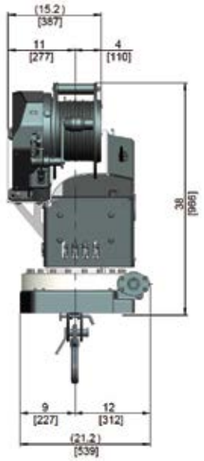
TECHNICAL SPECIFICATIONS

WINCH DAMAGE PREVENTION SYSTEM

HORSE HEAD

PLANETARY WINCH





LOAD BLOCK STOWING BRACKET

LOAD CHART

CRANE RATING

Rated lifting moment	43,000 ft*lbs. (58.3 kNm (5.9 mt))
Maximum lifting moment	49,180 ft*lbs. (66.5 kNm (6.8 mt))
Boom extensions	29 ft. (8.9 m)
2 hydraulic	
Crane weight	2,149 lbs. (975 kg)
Hydraulically powered extensions	

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	4,920 ft*lbs. (6.8 kNm (0.7 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	4,000 lbs. (1,820 kg)
Max. winch force double line	8,000 lbs. (3,650 kg)
Max. line speed	60 ft./min (18.2 m/min)
Cable size and length	7/16" x 120' (11 mm x 36.5 m)
Two-block damage prevention system	
3rd wrap end stop system	

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	17.75" x 17.75" (450 mm x 450 mm)
Hole pattern	14.75" x 14.75" (375 mm x 375 mm)
Mounting bolts	4 x 1 1/4" -12 UNF

CHASSIS RECOMMENDATION

Chassis style	Conventional
Minimum GVWR	Class 5 (19,500 lbs. (8,845 kg))

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

....lbs
....kg

Boxes denote two-part line required.