






# Form-on smartPROPplus 20

-  light weight
-  long lifespan
-  high load capacity

**FORM-ON** based in the USA

# Form-on smartPROPplus 20

## Your benefits:

- light weight allows for speedy work and conserves energy
- post shore retains its value for many years because of its high-quality production and galvanisation
- reliable in many applications due to forged nut and 8 mm top- and foot-plate
- optimised thread pitch allows for quick and safe release of fixed post shore
- safe working conditions because of the handtrap-prevention and anti-drop-out latch
- quick and easy height adjustment thanks to numbered and engraved pegging holes and anti-drop-out latch

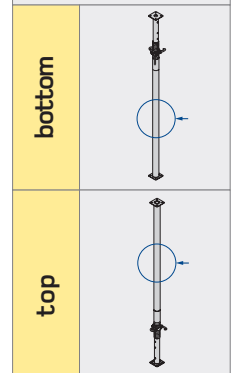
## Technical specifications:

**Certificate:** Z-8.311-946  
**Load capacity:** min. 20 kN at any extension length up to 36.7 kN depending on extension length, as per Ansi **6.0 kip** at any extension length  
**Factor of Safety:** FoS 3 : 1  
**Standard:** EN 1065 class B/D

Form-on smartPROPplus 20	Length	P.U.	kg/lbs.	Art.no.
Form-on smartPROPplus 20 250	148 - 250 cm (4'8" - 8'2")	48	11.5/25.4	620000100
Form-on smartPROPplus 20 300	173 - 300 cm (5'8" - 9'10")	42	13.95/30.8	620002000
Form-on smartPROPplus 20 350	198 - 350 cm (6'6" - 11'5")	42	17.15/37.8	620003000
Form-on smartPROPplus 20 400	223 - 400 cm (7'4" - 13'1")	35	20.5/45.2	620004000
Form-on smartPROPplus 20 550	298 - 550 cm (9'9" - 18'1")	30	32.5/71.7	620007000

post shore length in m (ft)	250		300		350		400		550	
	bottom kN (lbs)	top kN (lbs)	bottom kN (lbs)	top kN (lbs)	bottom kN (lbs)	top kN (lbs)	bottom kN (lbs)	top kN (lbs)	bottom kN (lbs)	top kN (lbs)
5.5 (18')									20.6 (4631)	22.7 (5103)
5.4 (17'7")									21.6 (4856)	23.9 (5373)
5.3 (17'4")									22.5 (5058)	25.1 (5643)
5.2 (17'1")									23.6 (5305)	26.5 (5957)
5.1 (16'7")									24.7 (5553)	27.9 (6272)
5.0 (16'4")									25.7 (5778)	29.4 (6609)
4.9 (16'1")									27.2 (6115)	31.0 (6969)
4.8 (15'7")									28.7 (6452)	32.5 (7306)
4.7 (15'4")									30.1 (6767)	34.2 (7688)
4.6 (15'1")									31.6 (7104)	35.9 (8071)
4.5 (14'8")									33.1 (7441)	
4.4 (14'4")									34.9 (7846)	
4.3 (14'1")										
4.2 (13'8")										
4.1 (13'5")										
4.0 (13'1")							21.3 (4788)	24.5 (5508)		
3.9 (12'9")							22.8 (5126)	26.4 (5935)		
3.8 (12'5")							24.2 (5440)	28.3 (6362)		
3.7 (12'1")							25.8 (5800)	30.4 (6834)		
3.6 (11'9")							27.4 (6160)	32.7 (7351)		
3.5 (11'5")						20.6 (4631)	24.1 (5418)	29.0 (6519)	35.1 (7891)	
3.4 (11'1")						22.1 (4968)	26.3 (5913)	30.7 (6902)		
3.3 (10'9")						23.7 (5328)	28.4 (6385)	32.3 (7261)		
3.2 (10'5")						25.3 (5688)	30.8 (6924)	33.6 (7554)		
3.1 (10'2")						27.0 (6070)	33.6 (7554)	34.5 (7756)		
3.0 (9'11")			20.4 (4586)	24.4 (5485)	28.7 (6452)	36.4 (8183)	35.5 (7981)			
2.9 (9'6")			22.0 (4946)	26.9 (6047)	29.5 (6632)					
2.8 (9'2")			23.7 (5328)	29.4 (6609)	30.4 (6834)					
2.7 (8'11")			25.0 (5620)	31.8 (7149)	31.3 (7037)					
2.6 (8'6")			25.9 (5823)	34.2 (7688)	32.4 (7284)			36.7 (8250)		
2.5 (8'2")	20.0 (4496)	24.3 (5463)	26.9 (6047)		33.5 (7531)					
2.4 (7'10")	21.1 (4743)	26.7 (6002)	27.7 (6227)		34.7 (7801)					
2.3 (7'6")	22.2 (4991)	29.1 (6542)	28.6 (6430)		35.9 (8071)					
2.2 (7'2")	23.1 (5193)	31.5 (7082)	29.6 (6654)							
2.1 (6'10")	23.7 (5328)	33.9 (7621)	31.0 (6969)		36.7 (8250)					
2.0 (6'6")	24.3 (5463)	36.3 (8161)	32.3 (7261)							
1.9 (6'2")	25.5 (5733)		33.9 (7621)							
1.8 (5'10")	26.6 (5980)		35.5 (7981)							
1.7 (5'6")	28.0 (6295)	36.7 (8250)								
1.6 (5'3")	29.8 (6699)									
1.5 (4'9")	31.5 (7081)									

## Position Outer tube



**TIP:** Increased load capacity by flipping the post shore used upside down

permissible load capacity (kN/lbs) depending on extension length and outer tube position (as per general building inspectorate approval Z-8.311-946)

