

Anchorless Masts for Workover Rigs

Stewart & Stevenson builds on its tradition of innovation and quality with this latest advancement in rig design.

Available in single or double configurations, our internally guyed masts help make the workover process safer and more efficient, resulting in significantly reduced operating costs.

Benefits of Anchorless Configuration

- Lowered operating costs
- Quicker rig up and rig out times
- Smaller footprint on lease site
- Safer operations
- Minimal environmental impact: zero ground disturbance

Workover Rig Features

- Available in carrier (drive-in or back-in), trailer or skid-mounted configurations to accommodate any of our clients' oilfield service requirements
- Rigs feature state-of-the-art drawworks; self-supporting, modular units designed for flexibility, ease of maintenance, performance and durability
- Designed to accommodate varying climates from offshore to desert to arctic
- All equipment is designed to be safe for personnel and environmentally responsible
- Masts are all API monogrammed and certified
- Rigs meet North American road regulations
- Design configurations can accommodate specialized transportation requirements, for example, via train and helicopter



See Inside for Specifications



A Century of Innovation

Depth Ratings												
Drawworks	Hookload		Power		Mast	Depth Ratings			Configuration			
	lb	metric ton	hp	kW	Model	Well Service ft (m)	Workover ft (m)	Drilling ft (m)	Mobile	Skid	Mech	VFD/SCR
250	150,000	63	250	186	72'-150K	9,000 (2,738)	7,500 (2,286)		✓	✓	✓	
350	150,000	63	350	260	72'-150K	10,000 (3,048)	8,000 (2,438)		✓	✓	✓	
	180,000	81	350	260	96'-180K	12,000 (3,657)	9,000 (2,743)		✓	✓	✓	
	205,000	92	350	260	104'-205K	13,000 (3,962)	10,000 (3,048)	6,500 (1,286)	✓	✓	✓	
550	225,000	103	550	410	96'-225K	14,000 (4,267)	11,000 (3,353)	7,500 (2,286)	✓	✓	✓	
	250,000	113	550	410	104'-250K 107'-250K 110'-250K	16,000 (4,877)	12,000 (3,657)	8,000 (2,438)	✓	✓	✓	
650	300,000	136	650	484	108'-300K 118'-300K	20,000 (6,096)	15,000 (4,572)	9,000 (2,743)	✓	✓	✓	✓

Single Mast Specifications					
Type	Clear Height (ft)	Clear Height (m)	Number of Lines	Hook Load (lbs)	Hook Load (metric ton)
Single (Swabbing)	50	15.2	1	80,000	36
Single Telescoping (Pole Mast)	65 (extended)	19.8	3	55,000	25
	55 (retracted)	16.8	3	62,000	28
Single (Stiff Leg)	59	17.9	2	65,000	29
	65	19.8	4	100,000	45
Single Telescoping	72	21.9	2	65,000	29
Single (Stiff Leg)	72	21.9	4	110,000	50
			6	150,000	68
Heavy Single	73	22.3	8	300,000	136
Single (Stiff Leg)	76	23.2	4	96,500	44
			6	140,000	64
Single (Stiff Leg)	86	26.2	6	240,000	109

All single masts are offered in freestanding, externally guyed or slanted patterns.



Double Mast Specifications					
Type	Clear Height (ft)	Clear Height (m)	Number of Lines	Hook Load (lb)	Hook Load (metric ton)
Double Telescoping	96	29.3	4 6	160,000 180,000	73 82
Double Telescoping	96	29.3	4 6 8	200,000 225,000 240,000	91 101 109
Double Telescoping	104	31.7	4 6	160,000 180,000	73 82
Double Telescoping	104	31.7	4 6	140,000 205,000	64 93
Double Telescoping	104	31.7	4 6 8	210,000 250,000 265,000	95 113 120
Double Telescoping	107	32.6	4 6 8	210,000 250,000 265,000	95 102 109
Double Telescoping	108	32.9	6 8	286,000 300,000	130 136
Double Telescoping	110	33.5	4 6 8	210,000 250,000 265,000	95 113 120
Double Telescoping	110	33.5	6 8	290,000 300,000	122 136
Double Telescoping	112	34.1	6 8	270,000 300,000	122 136
Double Telescoping	118	36.0	6 8	270,000 300,000	122 136
Double Telescoping	118	36.0	6 8	275,000 350,000	124 159
Double Telescoping	118	36.0	4 6 8	200,000 300,000 375,000	91 136 170
Double Telescoping	118	36.0	6 8 10	300,000 375,000 400,000	136 170 181
Double Telescoping	118	36.0	6 8 10	300,000 375,000 440,000	136 170 200
Double Telescoping	124	37.8	6 8 10	275,000 350,000 400,000	124 159 181
Double Telescoping	124	37.8	6 8 10	300,000 400,000 500,000	136 181 226

All double masts are offered in freestanding or externally guyed patterns.

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