



Skagit® Heavy-Duty Winch

Model RB-90-SS

HOISTING PERFORMANCE

- 40,000 lbs (18,144 kg) to the 8th layer

CAPACITY

- 1.5-in (38 mm) rope: 4,200 ft (1,280 M)
- 1.25-in (31.75 mm) rope: 6,100 ft (1,859 M)

ENGINE & TRANSMISSION

- Power supplied by a 200-HP Tier 3 diesel engine
- Complete with 3-speeds
- Forward and reverse
- Power shift transmission

DRUM SIZE

- 20-in (508 mm) drum diameter
- 60-in (1,524 mm) flange diameter
- 46-in (1,168 mm) drum length

DRUM CLUTCH

- Jaw clutch on drum pinions
- Air-operated with manual lever for maintenance
- Optional friction clutch on drum

DRUM BAND BRAKE

- 200,000 lbs (91 MT) static 1st layer holding capacity
- 57-inch (1,448 mm) diameter
- 6-inch (152 mm) band width
- Spring set / air release

New Design... Same Reliability!



Double Drum "Waterfall" Configuration

DRUM PAWL

- 200,000 lbs (91 MT) holding
- Air-operated

WEIGHT & DIMENSIONS

- 45,670 lbs (20,716 kg)
- Length X Height X Width
193-in 108-in 102-in
(4,902 mm) (2,743 mm) (2,591 mm)

OPTIONAL EQUIPMENT

- 3rd drum
- Upper drum level wind
- Free-standing single or dual drum level wind
- Floating sheave shaft assemblies





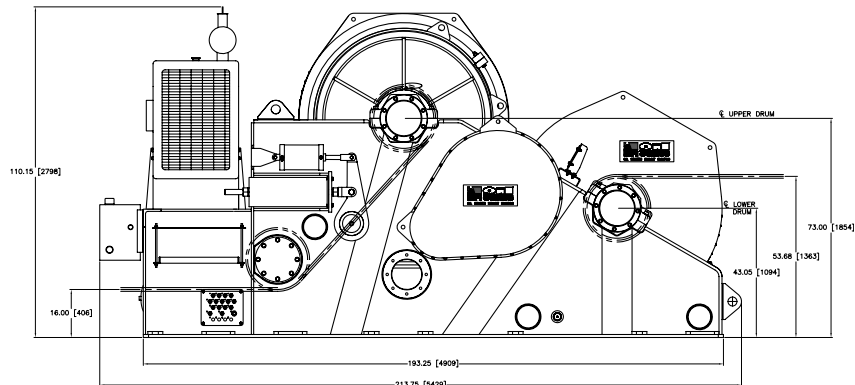
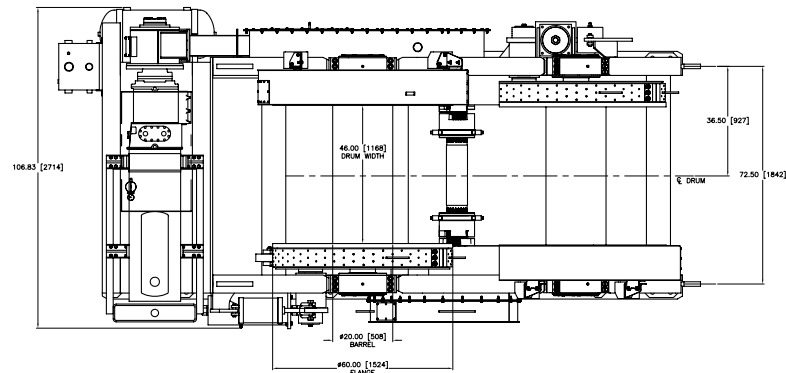
SMATCO® Heavy-Duty Winch

Model RB-90-SS

MOORING PERFORMANCE

Single Layer Pull (shown for 1.5 rope (38 mm) rope) / 20.00 drum (508 mm)

LAYER	CAPACITY		LINE PULL		LINE SPEED		STALL PULL	
	(feet)	(m)	(Kips)	(MT)	(fpm)	(m/m)	(Kips)	(MT)
1	164	50	145	66	26	8	200	91
2	348	106	129	59	29	9	180	82
3	553	169	116	53	32	10	162	73
4	778	237	105	48	35	11	147	67
5	1,024	312	96	44	38	12	135	61
6	1,290	393	89	40	42	13	124	56
7	1,577	481	83	38	45	14	116	53
8	1,884	574	77	35	48	15	108	49
9	2,212	674	72	33	51	16	101	46
10	2,560	780	68	31	55	17	95	43
11	2,929	893	64	29	58	18	90	41
12	3,318	1011	61	28	61	19	85	39
13	3,728	1136	58	26	64	20	81	37
14	4,158	1267	55	25	67	20	77	35



OIL STATES SKAGIT SMATCO

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