

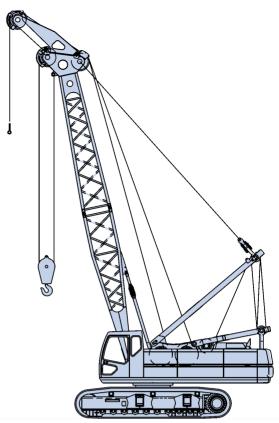


SC-60

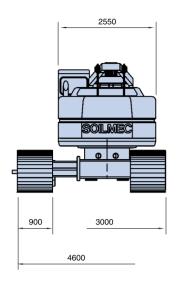
LATTICE BOOM CRAWLER CRANE

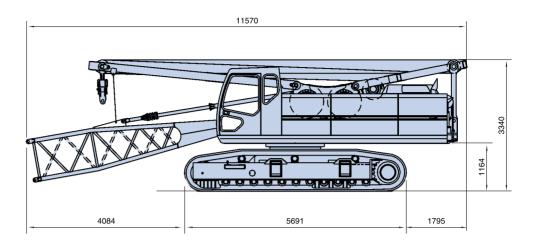
Notes

- 1 The rated loads are based on machine on firm level ground without travelling.
- 2 The rated loads are in metric tons valid for 360° degree swing.
- 3 The rated loads are calculated to comply DIN 15018, DIN 15019 and do not exceed 75% of tipping load.
- 4 The rated loads include the weight of all lifting attachments.
- 5 Crawlers must be extended at max track gauge during operations.
- 6 The users must derate or limit lifted loads to allow for adverse conditions such as: soft or uneven ground, out of level, wind, side loads, pendulum action, jerking or sudden stopping of load, inexperience of personnel, and travelling with a load.
- 7 The max line pull for crane operation is only approximate. Must be referred to used rope with end terminations, in accordance to CEE directive.
- 8 Lifting chart values must be applied for optimum boom assembly and head with plastic sheaves.



SC 60									
Counterv	veight	14,8 t							
Radius	Boom length	1							
m	12	15	18	21	24	27	30	33	36
3,5	60,00								
4,0	46,17	45,70							
4,5	39,23	38,76	38,50						
5,0	34,10	33,82	33,80	33,75					
5,5	30,21	29,93	29,95	29,90	29,70				
6,0	27,07	26,79	26,70	26,65	26,60	26,45			
6,5	24,60	24,32	24,00	23,90	23,80	23,70			
7,0	22,39	22,23	22,00	21,95	21,90	21,80	19,50	19,40	
8,0	18,36	18,31	18,21	18,16	18,06	18,01	17,90	17,85	17,70
9,0	15,51	15,45	15,35	15,30	15,15	15,10	15,00	14,94	14,79
10,0	13,36	13,31	13,21	13,11	13,01	12,95	12,80	12,75	12,65
11,0	11,68	11,63	11,53	11,42	11,32	11,22	11,12	11,07	10,91
12,0	10,35	10,25	10,15	10,10	9,94	9,89	9,74	9,69	9,54
13,0		9,13	9,03	8,97	8,87	8,77	8,67	8,57	8,46
14,0		8,21	8,11	8,06	7,90	7,85	7,70	7,65	7,50
15,0			7,34	7,24	7,14	7,04	6,93	6,83	6,73
16,0			6,68	6,58	6,47	6,37	6,27	6,17	6,02
17,0				6,02	5,86	5,81	5,66	5,61	5,45
18,0				5,51	5,35	5,30	5,15	5,10	4,94
19,0					4,89	4,84	4,69	4,64	4,48
20,0					4,54	4,43	4,28	4,23	4,08
22,0						3,77	3,57	3,46	3,31
24,0							2,95	2,90	2,70
26,0								2,39	2,19
28,0 30,0								1,93	1,78 1,42





Part Part	ENGINE				
Cylindes V-6 Power supply Tax it can be the power supply HYDRAULE SYSTEM W Max flow (pressure) J/min (MPa) 560 (30) Controls proportional WINCHES free fall Unice pull kN 200° 240° Rope diameter mm 26 30 Bipslacement motor Fixed disp. Fixed disp. WINCHES controlled descent Unice pull kN 200° 200° Rope diameter mm 26 30 Displacement motor Fixed disp. SW 200° 200° Rope diameter mm 26 30 200°	Make and model				
Max flow (pressure)		HP (kW)	366 (273)@ 2000 rpm		
Max flow (pressure)	Cylinders		• •		
Max (bow (pressure) Vimin (MPa) 560 (30) Controls proportional WINCHES free fall \$F 200 \$F 240 Line pull kN 200° 240° Rope diameter mm 26 30 Displacement motor Fixed disp. Fixed disp. WINCHES controlled descent \$W 200 \$W 200 Line pull kN 200° 200° Rope diameter mm 26 30 Rope diameter mm 255 40 Rope diameter mm 2550 40			TA air to air		
WINCHES free fail SF 200 SF 240 Line pull kN 200* 240* Rope diameter mm 26 30 Displacement motor Winches disp. WINCHES controlled descent Winches Controlled descent Way 200 SW 200	HYDRAULIC SYSTEM				
WINCHES free fall Line pull kN 200* 240* Rope diameter mm 26 30 Displacement motor fixed disp. fixed disp. WINCHES controlled descent SW 200 SW 200 Line pull kN 200* 200* Rope diameter mm 26 30 Displacement motor Fixed disp. Var. disp. TURRET Wax width mm 2550 Rotation speed rpm 0-2 UNDERCARRIAGE Type Extending gauge / Parallel beams Shoes width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 3000 (4600) Max track length mm 3000 (4600) Max trackling speed km/h 1,6 And speed-fast travelling km/h 1,6 And stravelling speed km/h 1,6 Max transport width (removed side frames) </td <td>Max flow (pressure)</td> <td>l/min (MPa)</td> <td>560 (30)</td>	Max flow (pressure)	l/min (MPa)	560 (30)		
Part	Controls		proportional		
Line pull kN 200* 240* Rope diameter mm 26 30 Displacement motor WINCHES controlled descent WINCHES controlled descent Exercise of the pull kN 200* 200* Rope diameter mm 26 30 Displacement motor Fixed disp. Var, disp. TURRET TURSET Wax width mm 2550 Rotation speed pm 0-2 UNDERCARRIAGE Type Extending gauge / Parallel beams Shoes width Mm 900 Center of wheels mm 900 Extending gauge / Parallel beams Shoes width mm 900 Center of wheels mm 900 Center of wheels mm 900 Center of wheels mm 100 3700 Center of wheels	WINCHES free fall				
Rope diameter mm 26 mixed disp. 30 Displacement motor Fixed disp. Fixed disp. Fixed disp. May 00 mixed disp. Line pull kN 200* 200* Rope diameter mm 256 30 Displacement motor Fixed disp. Var. disp. TURRET Max width mm 2550 Notardia gauge / Parallel beams Shoes width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 3000 (4600) Max trackling speed km/h 1,6 Center of wheels km/h 1,6 Max trackling speed km/h 1,6			SF 200 SF 240		
Rope diameter mm 26 mixed disp. 30 Displacement motor Fixed disp. Fixed disp. Fixed disp. May 00 mixed disp. Line pull kN 200* 200* Rope diameter mm 256 30 Displacement motor Fixed disp. Var. disp. TURRET Max width mm 2550 Notardia gauge / Parallel beams Shoes width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 3000 (4600) Max trackling speed km/h 1,6 Center of wheels km/h 1,6 Max trackling speed km/h 1,6	Line pull	kN	200* 240*		
WinCHES controlled descent Line pull kN 200* 200* Rope diameter mm 26 30 Displacement motor Fixed disp. Var. disp. TURRET Was width mm 2550 Rotation speed rpm		mm	26 30		
Line pull kN 200* 200* Rope diameter mm 26 30 Displacement motor Fixed disp. Var, disp. TURRET Was width mm 2550 Rotation speed Extending gauge / Parallel beams TONDERCARRIAGE Extending gauge / Parallel beams Shoes width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 3000 (4600) Max track length (extended tracks width) mm 3000 (4600) Max track travelling speed km/h 1,6 1 2nd speed-fast travelling km/h 1,6 1 Aux transport width (removed side frames) mm 3000 (2500) Max transport height mm 3000 (2500) Max transport height mm 3000 (2500) Max transport height mm 3000 (2500) M	Displacement motor		Fixed disp. Fixed disp.		
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Displacement motor Fixed disp, Var. disp. TURNET Max width mm 2550 Common Programment Maximum Programment Program	Line pull	kN	200* 200*		
TURRET Max width mm 2550 Rotation speed rpm 0-2 UNDERCARRIAGE Type Extending gauge / Parallel beams Shoes width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 2100 (3700) Retracted tracks width (extended tracks width) mm 3000 (4600) Max travelling speed km/h 1,6 2nd speed-fast travelling Not available optional GENERAL FEATURES Radius of rear end mm 4650 Max transport width (removed side frames) mm 3000 (2500) Max transport height mm 3372 BOOM Tubular boom B x H 1100 x 1000 WEIGHTS Example of the properties of the pro	Rope diameter	mm	26 30		
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Rotation speed rpm 0-2 UNDERCARRIAGE Type Extending gauge / Parallel beams Sew width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 3000 (4600) Max track length mm 3000 (4600) Max travelling speed km/h 1,6 2nd speed-fast travelling Not available optional GENERAL FEATURES Not available optional Radius of rear end mm 4650 Max transport width (removed side frames) mm 3000 (2500) Max transport height mm 3372 BOOM mm B x H 1100 x 1000 WEIGHTS 52 Min/Max in working conditions t 56,5 (60,5) Transport configuration t 43,6 Counterweight t 10,5 + 1,5	TURRET				
UNDERCARRIAGE Type Extending gauge / Parallel beams Shoes width mm 900 Center of wheels mm 4760 Max track length mm 5690 Track gauge retracted (track gauge extended) mm 2100 (3700) Retracted tracks width (extended tracks width) mm 3000 (4600) Max travelling speed km/h 1,6 2nd speed-fast travelling Not available optional GENERAL FEATURES Take transport width (removed side frames) mm 3000 (2500) Max transport width (removed side frames) mm 3372 BOOM Tubular boom mm 8 x H 1100 x 1000 WEIGHTS Tubular boom mm B x H 1100 x 1000 WEIGHTS t 52 Min/Max in working conditions t 56,5 (60,5) Transport configuration t 43,6 Counterweight t 10,5 + 1,5	Max width	mm	2550		
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Retracted tracks width (extended tracks width)mm3000 (4600)Max travelling speedkm/h1,62nd speed-fast travellingNot available optionalGENERAL FEATURESRadius of rear endmm4650Max transport width (removed side frames)mm3000 (2500)Max transport heightmm3372BOOMTubular boommmB x H1100 x 1000WEIGHTSBase machinet52Min/Max in working conditionst56,5 (60,5)Transport configurationt43,6Counterweightt10,5 + 1,5	Track gauge retracted (track gauge extended)	mm	2100 (3700)		
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Radius of rear end mm 4650 Max transport width (removed side frames) mm 3000 (2500) Max transport height mm 3372 BOOM Tubular boom mm B x H 1100 x 1000 WEIGHTS Base machine t 52 Min/Max in working conditions t 56,5 (60,5) Transport configuration t 43,6 Counterweight t 10,5 + 1,5			Not available optional		
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Max transport height mm 3372 BOOM Tubular boom mm B x H 1100 x 1000 WEIGHTS Sase machine Min/Max in working conditions t 52 Min/Max in working conditions t 56,5 (60,5) Transport configuration t 43,6 Counterweight t 10,5 + 1,5	Radius of rear end	mm	4650		
Max transport height mm 3372 BOOM Tubular boom mm B x H 1100 x 1000 WEIGHTS Sase machine Min/Max in working conditions t 52 Min/Max in working conditions t 56,5 (60,5) Transport configuration t 43,6 Counterweight t 10,5 + 1,5	Max transport width (removed side frames)	mm			
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WEIGHTSBase machinet52Min/Max in working conditionst56,5 (60,5)Transport configurationt43,6Counterweightt10,5 + 1,5	BOOM				
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Transport configuration t 43,6 Counterweight t 10,5 + 1,5		t	52		
Transport configuration t 43,6 Counterweight t 10,5 + 1,5		t	56,5 (60,5)		
Counterweight t 10,5 + 1,5		t			
		t	·		
	The shown weights may vary with different equipments				

^{*} No safety ratio for crane

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SOILMEC S.p.A.

Drilling and Foundation Equipment

5819, via Dismano

47023 Cesena (FC) - Italy

tel. +39-0547-319111

fax +39-0547-318548

http://www.soilmec.it

e-mail: soilmec@soilmec.it

