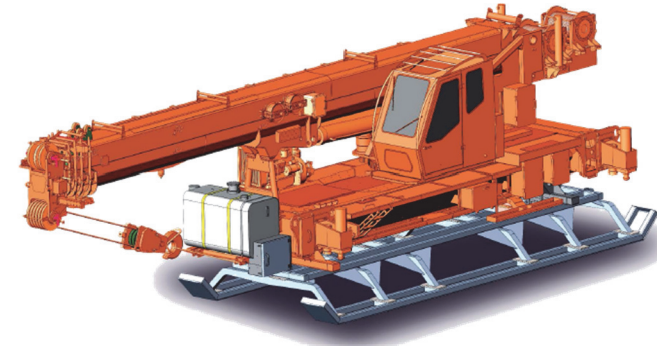




METALFLEX
İNŞAAT METAL KİMYA
VE OTOMOTİV A.Ş.

Telemax-150M Static Crane

STATIC CRANES 2023



Telemax-150M Static Crane

Loading Capacity

16-60 Tonnes

Boom Length

19-42 m

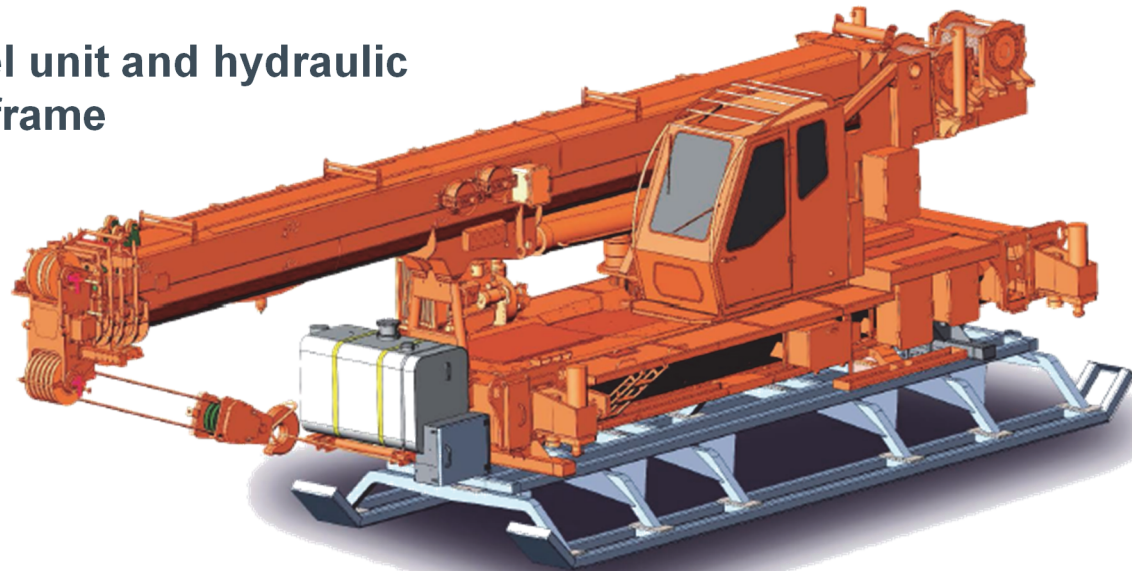
Load moment

59,0 – 200,0 tm

Operating area

360°

- »» Boom sections are made using high-strength steel
- »» A variety of installation options (sleds, concrete base, trolley for tractor, railway platform, ...)
- »» Autonomous operation - diesel unit and hydraulic tank are located on the lower frame
- »» Wide range of applications (metal warehouses, river ports, barges, drilling platforms,..)





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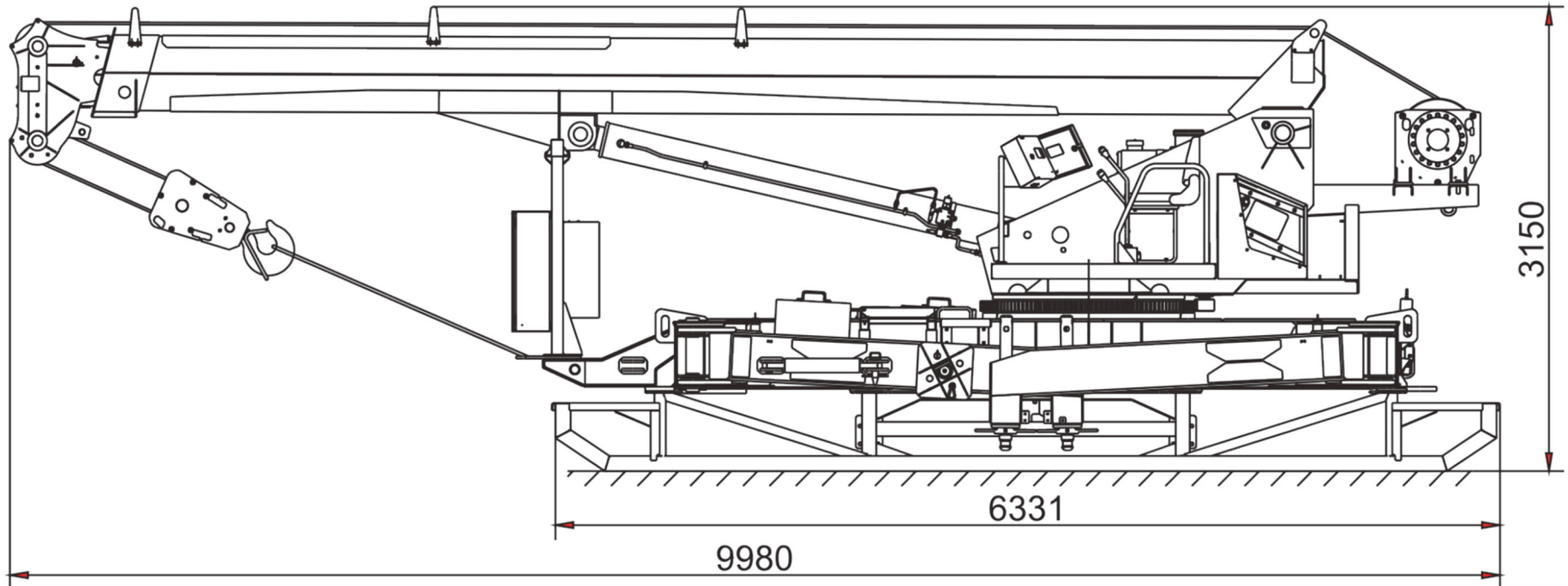


Figure 1 – General view of the crane in transport position (side view)



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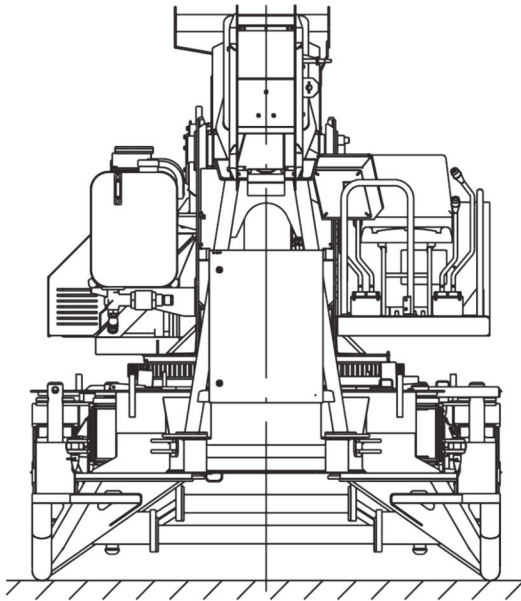


Figure 2 – General view of the crane in transport position (front view)

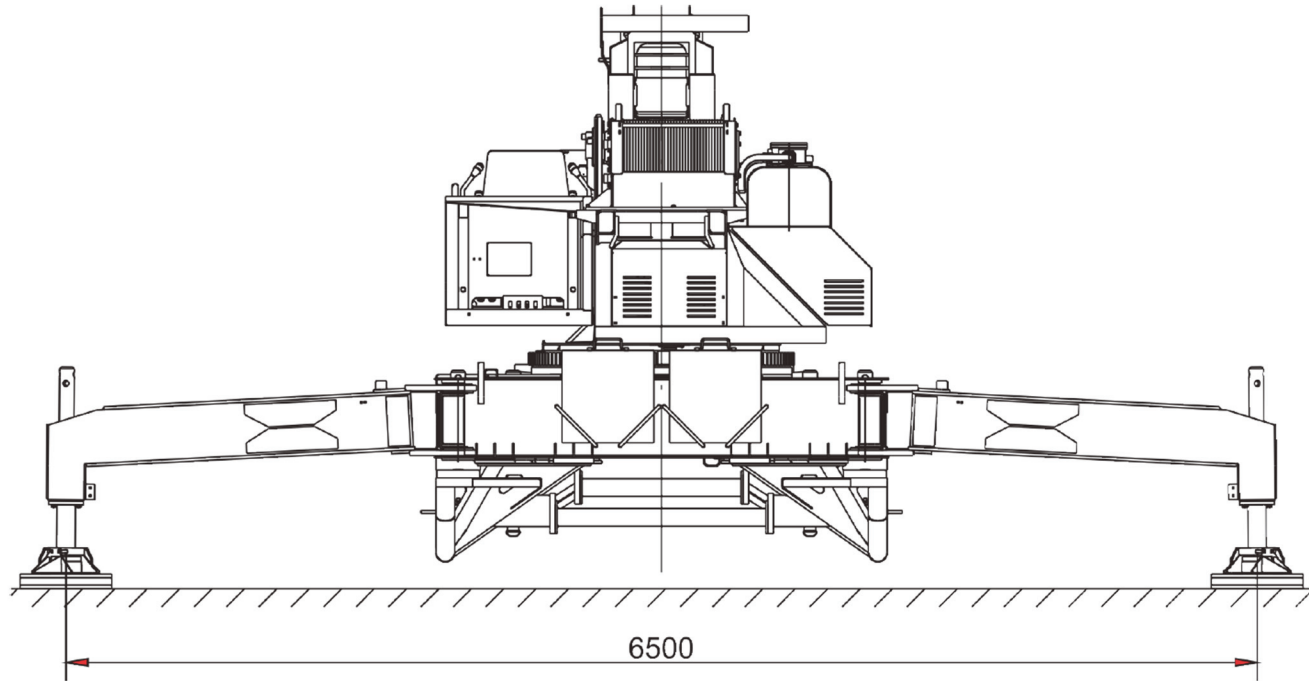


Figure 3– General view of the crane on outriggers (rear view)



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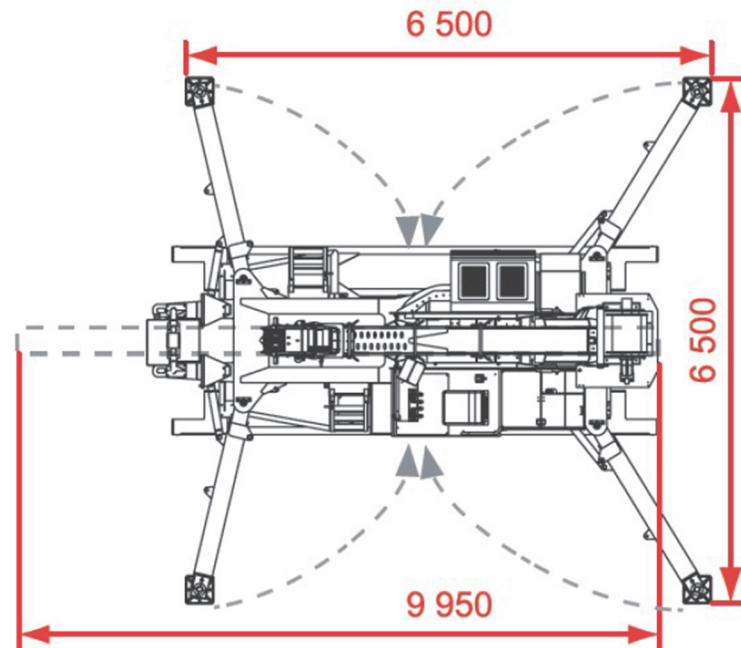
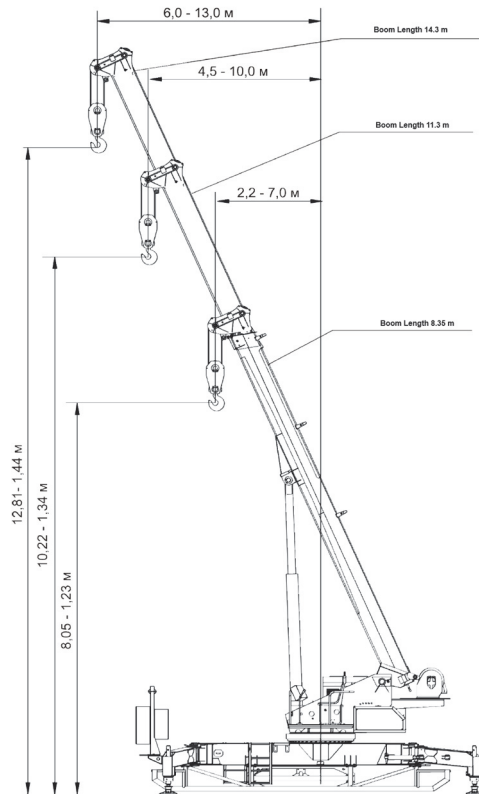


Figure 4 - General view of the Crane in working position

Telemax-150M Static Crane

MAIN CHARACTERISTICS OF THE CRANE

Maximum intermediate load capacity (on ropes), t	16,0
Load capacity at maximum reach (boom 14.3 m), t	1,76
Maximum load moment, t m	52,5
Maximum lifting height, m:	
- with the boom retracted	8,05
- with the boom extended	12,81 ¹⁾
Lifting height at maximum reach (boom 14.3 m), m	1,44
Maximum lowering depth when working with a load equal to 50% of the maximum lifting capacity, m	13
Reach with load on hook, m:	
- minimal	2,2
- maximum	13,0
- at maximum load capacity	3,0
Maximum load weight with which the boom can be telescoped, t	2.5 at reach no more than 10.0 m
Boom section extension and retraction speed m/s (m/min)	0,17 (10,4)
Rotation speed (rotation mechanism speed), rpm (rad/s)	0,15-2,0
Rotation angle, rad (degrees)	6,28 (360)
Time of full departure change, s (min)	
- from minimum to maximum	34,0 (0,57)
- from maximum to minimum	38,0 (0,63)
Overall dimensions of the crane, mm, no more:	
- length	9980
- width	2500
- height	3150



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CARGO CHARACTERISTICS (LOAD CAPACITY, T)

HEIGHT CHARACTERISTICS (LIFT HEIGHT, M)

Boom radius, m	Boom length, m.						
	8,35	9,3	10,3	11,3	12,3	13,3	14,3
2,2	16,00	12,00					
2,5	16,00	12,00					
3,0	16,00	12,00	10,00				
3,5	15,50	12,00	10,00				
4,0	14,50	11,85	9,90				
4,5	12,83	11,50	9,50	7,80			
5,0	10,00	9,50	9,03	7,60	5,70		
5,5	8,36	7,89	7,51	7,13	5,70	5,20	
6,0	7,13	6,65	6,37	6,18	5,70	5,20	4,50
6,5	6,27	5,80	5,56	5,32	5,04	4,80	4,50
7,0	5,61	5,23	4,89	4,66	4,47	4,35	4,20
7,5		4,66	4,42	4,18	3,99	3,90	3,80
8,0		4,37	3,99	3,80	3,61	3,50	3,42
9,0			3,42	3,23	2,99	2,92	2,85
10,0				2,85	2,57	2,50	2,42
11,0					2,33	2,20	2,11
12,0						2,03	1,88
13,0							1,76
Multiplicity of pulley system							
No less	4	4	4	4	4	4	4

Boom radius, m	Boom length, m.						
	8,35	9,3	10,3	11,3	12,3	13,3	14,3
2,2	8,05	9,14					
2,5	7,90	9,01					
3,0	7,62	8,77	9,88				
3,5	7,29	8,49	9,63				
4,0	6,91	8,16	9,35				
4,5	6,46	7,79	9,03	10,22			
5,0	5,93	7,36	8,67	9,90	11,08		
5,5	5,29	6,87	8,26	9,54	10,76	11,94	
6,0	4,49	6,29	7,79	9,14	10,41	11,63	12,81
6,5	3,41	5,60	7,25	8,69	10,03	11,29	12,50
7,0	1,23	4,74	6,63	8,19	9,59	10,91	12,16
7,5		3,58	5,89	7,61	9,11	10,49	11,78
8,0		1,27	4,97	6,95	8,57	10,02	11,37
9,0			1,30	5,19	7,25	8,93	10,43
10,0				1,34	5,40	7,54	9,28
11,0					1,37	5,61	7,82
12,0						1,41	5,80
13,0							1,44