

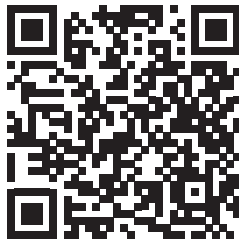


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Manual # 99906397

9520 RCS K6-K8 9520 RCSOK2-OK6 Technical Specifications



99906411 Spare Parts Manual

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9520 Technical Specifications

Section - 1

9520 K6 - K8 RCS Technical Specifications

9520 K6 - K8 - Performance Specifications				
	Unit	K6	K7	K8
Load Moment	ft-lb	550749	539921	541365
Hydraulic Reach	ft	52'8"	60'0"	66'6"
Hydraulic Telescopic Movement	mm	52'8"	60'0"	66'6"
Lifting Capacity, Horizontal	lb-ft	38250-14'5"	37501=14'5"	36729-14'9"
	lb-ft	27139-20'0"	26433-20'0"	25816-20'4"
	lb-ft	20569-25'11"	19908-25'11"	19357-25'11"
	lb-ft	16204-32'2"	15587-32'2"	15036-32'2"
	lb-ft	13228-38'8"	12585-38'8"	12059-38'8"
	lb-ft	11133-45'3"	10516-45'3"	9987-45'7"
	lb-ft	9458-52'5"	8841-52'5"	8333-52'5"
	lb-ft	-	7650-59'4"	7121-59'4"
	lb-ft	-		6305-65'11"
Lifting Capacity, manual extensions	lb	7804-59'4"	-	-
Slewing Torque, gross	ft-lb	5900	5900	5900
Slewing Angle	°	∞	∞	∞
Max. heel at max load moment	°	5	5	5
Slewing Speed	°/s	9	9	9
Dimensions				
Height above chassis	ft-in	8'2"	8'2"	8'2"
Width	ft-in	8'4"	8'4"	8'4"
Length, no extra valves	ft-in	5'3"	5'3"	5'3"
Length, with extra valves (int. hose routing)	ft-in	6'0"	6'0"	6'0"
Stabilizer spread, S1, (standard)	ft-in	27'6"	27'6"	27'6"
Weights, Basic Loader *1				
Standard loader, excl. stabilizers	lb	15587	16160	16623
Stabilizers, S1 swing-up	lb	2260	2260	2260
Stabilizers, S1 hydr. swing-up	lb	2282	2282	2282
Mounting kit, 4 bolts	lb	99	99	99
Mounting kit, 8 bolts	lb	265	265	265
Manual extensions	lb	320	-	-
Tank 84.5 ga, excl. oil (fitted on loader)	lb	231	231	231
Tank 103 ga, excl. oil (fitted on loader)	lb	276	276	276
Tank 84.5 ga, excl. oil (external)	lb	176	176	176
Tank 111 ga, excl. oil (external)	lb	231	231	231
Oil in loader (stowing position)	lb	284	300	317
*1 WEIGHTS ± 5% BECAUSE OF TOLERANCES FOR PLATE THICKNESS				

Max. Load on Stabilizers (Per Stabilizer Cylinder)				
	Unit	K6	K7	K8
S1, swing-up	ft-lb	184391	184391	184391
S1, hydr. swing-up	ft-lb	184391	184391	184391
Power Consumption / Oil Capacity				
Working pressure	psi	5438	5438	5438
Max. pump performance, fixed flow	g/min	1 x 21.1 - 52	1 x 21.1 - 52	1 x 21.1 - 52
	kW	1 x 31.7 - 85	1 x 31.7 - 85	1 x 31.7 - 85
		2 x 17.2 - 75	2 x 17.2 - 75	2 x 17.2 - 75
		2 x 29.1 - 127	2 x 29.1 - 127	2 x 129.1 - 127
Max. oil consumption	ga	28.0	29.3	30.4

9520 K6 - K8 RCS Technical Specifications (Metric)

9520 K6 - K8 Performance Specifications				
	Unit	K6	K7	K8
Load Moment	tm	76.3	74.8	75.0
Hydraulic Reach	m	16.1	18.3	20.3
Hydraulic Telescopic Movement	mm	11450	13500	15650
Lifting Capacity, Horizontal	kg-m	17350-4.4	17010-4.4	16660-4.5
	kg-m	12310-6.1	11990-6.1	11710-6.2
	kg-m	9330-7.9	9030-7.9	8780-7.9
	kg-m	7350-9.8	7070-9.8	6820-9.8
	kg-m	6000-11.8	5710-11.8	5470-11.8
	kg-m	5050-13.8	4770-13.8	4530-13.9
	kg-m	4290-16.0	4010-16.0	3780-16.0
	kg-m		3470-18.1	3230-18.1
	75.0			2860-20.1
Lifting Capacity, manual extensions	kg-m	3540-18.1		
Slewing Torque, gross	kNm	8.0	8.0	8.0
Slewing Angle	°	∞	∞	∞
Max. heel at max load moment	°	5	5	5
Slewing Speed	°/s	9	9	9
Dimensions				
Height above chassis	mm	2495	2495	2495
Width	mm	2550	2550	2550
Length, no extra valves	mm	1620	1620	1620
Length, with 2 extra valves (hose reels)	mm	1835	1835	1835
Stabilizer spread, S1, (standard)	mm	8420	8420	8420
Weights, Basic Loader *1				
Standard loader, excl. stabilizers	kg	7070	7330	7540
Stabilizers, S1 swing-up	kg	1025	1025	1025
Stabilizers, S1 hydr. swing-up	kg	1035	1035	1035
Mounting kit, 4 bolts	kg	45	45	45
Mounting kit, 8 bolts	kg	120	120	120
Manual extensions	kg	145		
Tank 320L, excl. oil (fitted on loader)	kg	105	10	5105
Tank 390L, excl. oil (fitted on loader)	kg	125	125	125
Tank 320L, excl. oil (external)	kg	80	80	80
Tank 420L, excl. oil (external)	kg	105	105	105
Oil in loader (stowing position)	kg	129	136	144
*1 WEIGHTS ± 5% BECAUSE OF TOLERANCES FOR PLATE THICKNESS				

Max. Load on Stabilizers (Per Stabilizer Cylinder)				
	Unit	K6	K7	K8
S1, swing-up	ft-lb	250	250	250
S1, hydr. swing-up	ft-lb	250	25	250
Power Consumption / Oil Capacity				
Working pressure	Bar	365	365	365
Max. pump performance, fixed flow	L/min	1 x 80 - 50	1 x 80 - 50	1 x 80 - 50
	kW	1 x 120 - 82	1 x 120 - 82	1 x 120 - 82
		2 x 65 - 75	2 x 65 - 75	2 x 65 - 75
		2 x 110 - 127	2 x 110 - 127	2 x 110 - 127
Max. oil consumption	L	92		

9520 OK2 - OK6 Technical Specifications

9520 - Performance Specifications						
	Unit	OK2	OK3	OK4	OK5	OK6
Load Moment	ft-lb	578177	570959	562297	556523	548583
Hydraulic Reach	ft	27	34	41	48	56
Hydraulic Telescopic Movement	ft-in	12' 3"	18' 9"	25' 8"	32' 9"	40' 3"
Lifting Capacity, Horizontal	lb-ft	40433 - 14' 5"	39551 - 14' 5"	39286 - 14' 5"	38294 - 14' 5"	37390 - 14' 8"
	lb-ft	28748 - 20' 4"	27955 - 20' 8"	27492 - 20' 4"	26720 - 21' 8"	25926 - 20' 7"
	lb-ft	22201 - 26' 6"	21451 - 26' 10"	20878 - 26' 6"	20194 - 26' 2"	19423 - 26' 9"
	lb-ft		17262 - 33' 5"	16645 - 33' 1"	15983 - 33' 6"	15256 - 33' 5"
	lb-ft			13779 - 40' 0"	13140 - 40' 4"	12412 - 40' 4"
	lb-ft				11089 - 47' 6"	10405 - 47' 6"
	lb-ft					8928 - 55' 1"
Lifting Capacity, manual extensions	lb-ft	—	—	—	7826 - 54' 8"	—
Slewing Torque, gross	ft-lb	5900	5900	5900	5900	5900
Slewing Angle	°	∞	∞	∞	∞	∞
Max. heel at max load moment	°	5	5	5	5	5
Slewing Speed	°/s	9	9	9	9	9
Dimensions						
Height above chassis	ft-in	8' 2"	8' 2"	8' 2"	8' 2"	8' 2"
Width	ft-in	8' 4"	8' 4"	8' 4"	8' 4"	8' 4"
Length, no extra valves	ft-in	4' 4"	4' 4"	4' 4"	4' 4"	4' 4"
Length, with 2 extra valves (hose reels)	ft-in	—	—	—	5' 5"	5' 5"
Length, with extra valves (int. hose routing)	ft-in	4' 7"	4' 7"	4' 7"	4' 7"	4' 7"
Stabilizer spread, S1, (standard)	ft-in	27' 6"	27' 6"	27' 6"	27' 6"	27' 6"
Weights, Basic Loader *1						
Standard loader, excl. stabilizers	lb	12500	13272	14021	14694	15278
Stabilizers, S1 swing-up	lb	2260	2260	2260	2260	2260
Stabilizers, S1 hydr. swing-up	lb	2285	2285	2285	2285	2285
Mounting kit, 4 bolts	lb	99	99	99	99	99
Mounting kit, 8 bolts	lb	265	265	265	265	265
Manual extensions	—	—	—	—	—	—
Tank 84.5 ga, excl. oil (fitted on loader)	lb	231	231	231	231	231
Tank 103 ga, excl. oil (fitted on loader)	lb	276	276	276	276	276
Tank 84.5 ga, excl. oil (external)	lb	176	176	176	176	176
Tank 111 ga, excl. oil (external)	lb	231	231	231	231	231
Oil in loader (stowing position)	lb	231	254	287	309	331
*1 WEIGHTS ± 5% BECAUSE OF TOLERANCES FOR PLATE THICKNESS						

9520 OK TECHNICAL SPECIFICATIONS - CONTINUED

Max. load on stabilizers (Per stabilizer cylinder)		Unit	9520 OK2	9520 OK3	9520 OK4	9520 OK5	9520 OK6
S1, swing-up		ft-lb	184391	184391	184391	184391	184391
S1, hydraulic swing-up		ft-lb	184391	184391	184391	184391	184391
Power Consumption Oil Capacity		Unit	9520 OK2	9520 OK3	9520 OK4	9520 OK5	9520 OK6
Working Pressure		PSI	5294	5294	5294	5294	5294
Tank Capacity (fitted on loader)		ga					
Max. Oil Consumption		ga	24.3	26.4	28.5	30.1	32
Max Pump Performance, fixed flow		g/min	21	21	21	21	21
Power Consumption Oil Capacity	Unit	9520 OK2	9520 OK3	9520 OK4	9520 OK5	9520 OK6	
Max. pump performance, per-fixed flow	g/min & KW	1 x 21 - 50 1 x 31.7 - 82 2 x 17 - 75 2 x 29 - 127	1 x 21 - 50 1 x 31.7 - 82 1 x 17 - 75 1 x 29 - 127	1 x 21 - 50 1 x 31.7 - 82 1 x 17 - 75 1 x 29 - 127	1 x 21 - 50 1 x 31.7 - 82 1 x 17 - 75 1 x 29 - 127	1 x 21 - 50 1 x 31.7 - 82 1 x 17 - 75 1 x 29 - 127	

9520 OK2 - OK6 Metric Specifications

9520 Metric Performance Specifications						
	Unit	OK2	OK3	OK4	OK5	OK6
Loading Moment	tm	80.1	79.1	77.9	77.1	76..0
Hydraulic Reach	m	8.3	10.34	12.4	14.64	16.94
Hydraulic Telescopic Movement	mm	3750	5750	7850	10025	12275
Lifting Capacity, Horizontal	kg-m	18340 - 4.4	17940 - 4.4	17820 - 4.4	17370 - 4.4	16960 - 4.5
	kg-m	13040 - 6.2	12680 - 6.3	12470 - 6.2	12120 - 6.3	11760 - 6.3
	kg-m	10070 - 8.1	9730 - 8.2	9470 - 8.1	9160 - 8.2	8810 - 8.2
	kg-m		7830 - 10.2	7550 - 10.	3250 - 10.2	6920 - 10.2
	kg-m			6250 - 12.2	5960 - 12.3	5630 - 12.3
	kg-m				5030 - 14.5	4720 - 14.5
	kg-m					4050 - 16.8
Lifting Capacity, manual extension	kg-m	—	—	—	3550 - 16.7	—
Slewing Torque, gross	kNm	8.0	8.0	8.0	8.0	8.0
Slewing Angle	°	∞	∞	∞	∞	∞
Max. heel at max. load moment	°	5	5	5	5	5
Slewing Speed	°/s	9	9	9	9	9
Dimensions						
Height above chassis	mm	2495	2495	2495	2495	2495
Width	mm	2550	2550	2550	2550	2550
Length, no extra valves	mm	1440	1440	1440	1440	1440
Length, with 2 extra valves (hose reels)	mm	—	—	—	—	—
Length, with extra valves (int. hose routing)	mm	1440	1440	1440	1440	—
Stabilizer spread, S1, (standard)	mm	8420	8420	8420	8420	8420
Weights, Basic Loader *1						
Standard loader, excl. stabilizers	kg	5670	6020	6360	6665	6930
Stabilizers, S1 swing-up	kg	1025	1025	1025	1025	1025
Stabilizers, S1 hydr. swing-up	kg	1035	1035	1035	1035	1035
Mounting kit, 4 bolts	kg	45	45	45	45	45
Mounting kit, 8 bolts	kg	120	120	120	120	120
Manual extensions	kg	—	—	—	—	—
Tank 320L, excl. oil (fitted on loader)	kg	105	105	105	105	105
Tank 390L, excl. oil (fitted on loader)	kg	125	125	125	125	125
Tank 320L, excl. oil (external)	kg	80	80	80	80	80
Tank 420L, excl. oil (external)	kg	105	105	105	105	105
Oil in loader (stowing position)	kg	105	115	130	140	150
*1 WEIGHTS ± 5% BECAUSE OF TOLERANCES FOR PLATE THICKNESS						

METRIC SPECIFICATIONS - CONTINUED

Max. load on stabilizers (Per stabilizer cylinder)		Unit	9520 OK2	9520 OK3	9520 OK4	9520 OK5	9520 OK6
S1, swing-up		KN	250	250	250	250	250
S1, hydraulic swing-up		KN	250	250	250	250	250
Power Consumption Oil Capacity		Unit	9520 OK2	9520 OK3	9520 OK4	9520 OK5	9520 OK6
Working Pressure		Bar	365	365	365	365	365
Tank Capacity (fitted on loader)		L					
Max. Oil Consumption		L	92	100	108	114	121
Max Pump Performance, fixed flow		L/min	80	80	80	80	80
Power Consumption Oil Capacity	Unit	9520 OK2	9520 OK3	9520 OK4	9520 OK5	9520 OK6	
Max. pump performance, per- fixed flow	L/min & KW	1 x 80 - 50 1 x 120 - 82 2 x 65 - 75 2 x 110 - 127	1 x 80 - 50 1 x 120 - 82 1 x 65 - 75 1 x 110 - 127	1 x 80 - 50 1 x 120 - 82 1 x 65 - 75 1 x 110 - 127	1 x 80 - 50 1 x 120 - 82 1 x 65 - 75 1 x 110 - 127	1 x 80 - 50 1 x 120 - 82 1 x 65 - 75 1 x 110 - 127	

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9520 Lifting Capacity Charts

Section - 2

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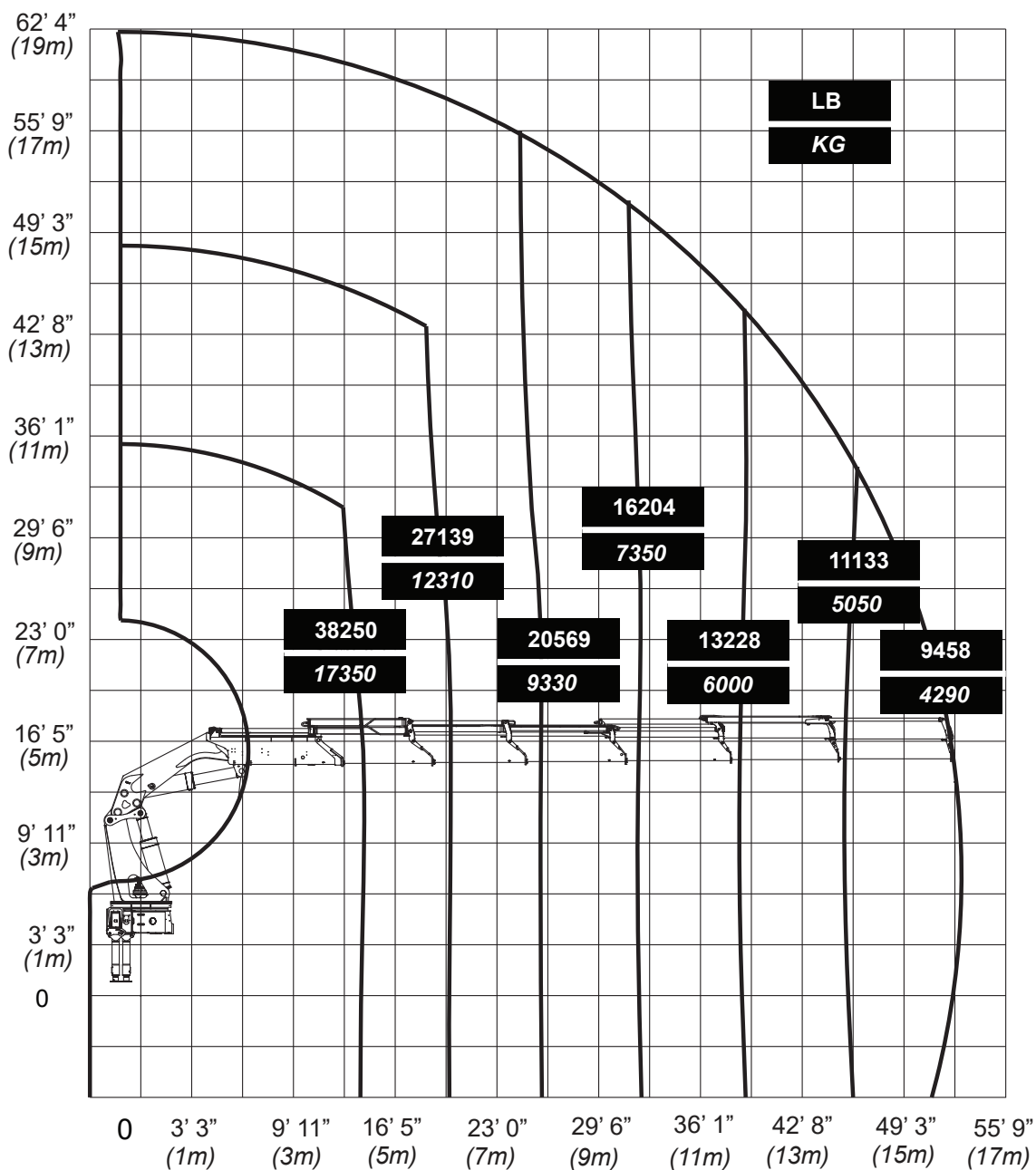
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Model 9520 RCS K6

- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



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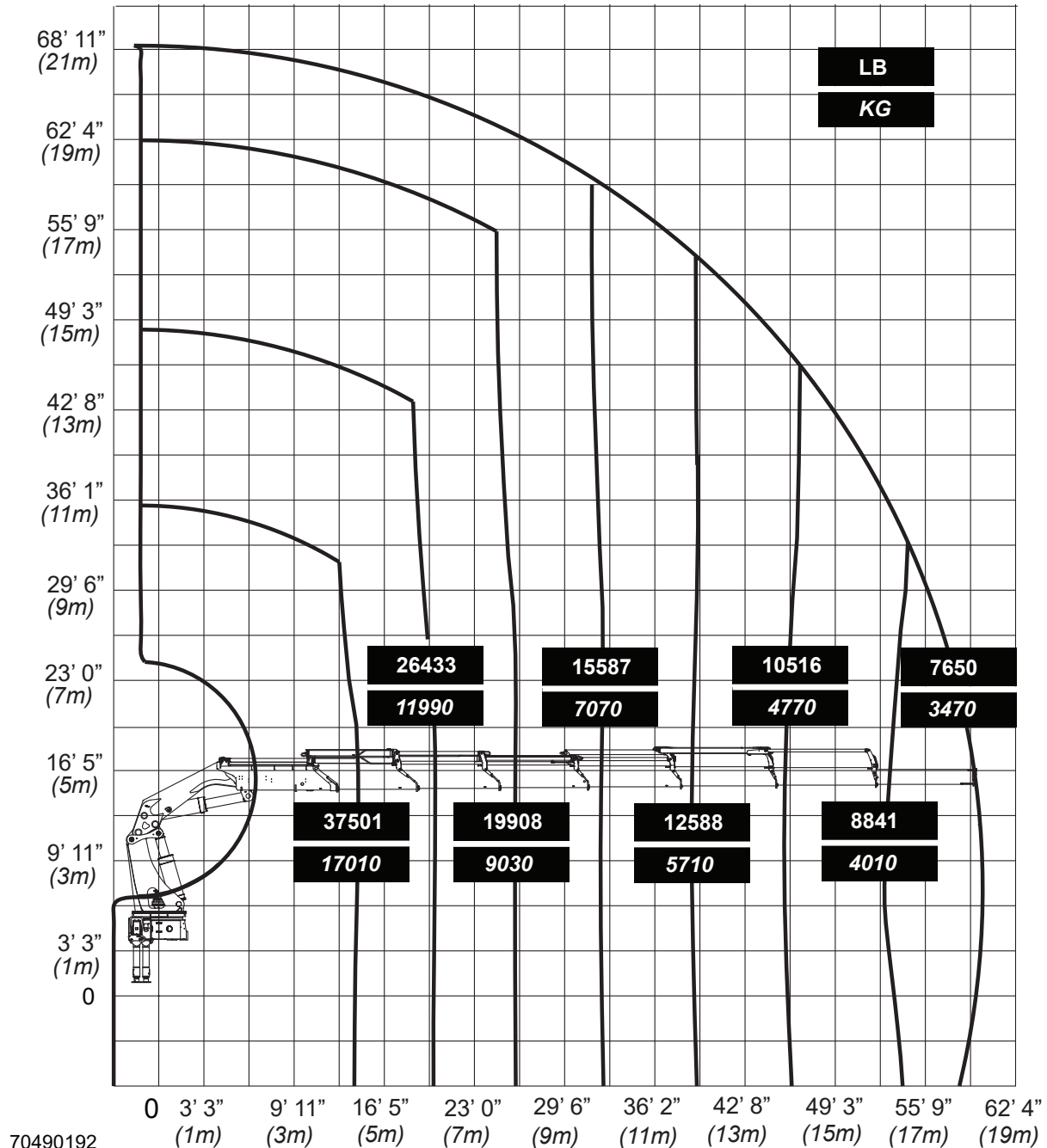
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Model 9520 RCS K7

- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



DECAL-ID 9520 K8

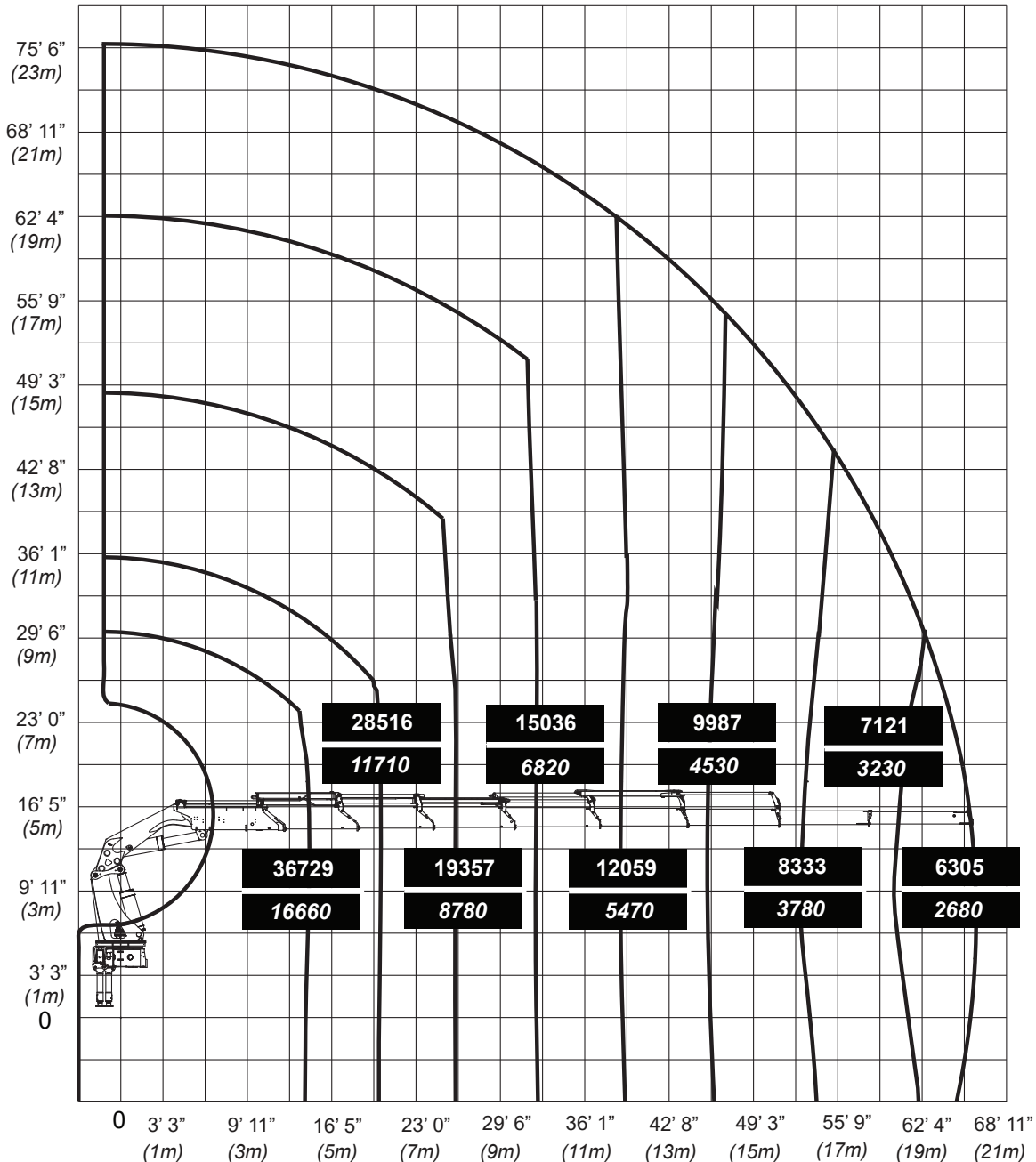
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MATERIAL HANDLING SYSTEMS

**Model
9520 RCS K8**

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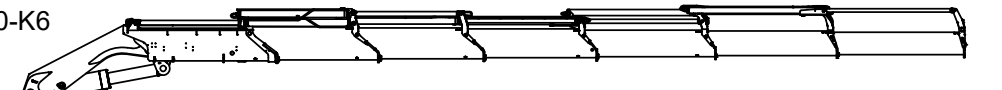
- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



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Lifting Capacity, K6-K8

9520-K6



	▼	▼	▼	▼	▼	▼	▼
<u>LB</u>	<u>38250</u>	<u>27139</u>	<u>20569</u>	<u>16204</u>	<u>13228</u>	<u>11133</u>	<u>9458</u>
<u>FT</u>	<u>14'5"</u>	<u>20'0"</u>	<u>25'11"</u>	<u>32'2"</u>	<u>38'8"</u>	<u>45'3"</u>	<u>52'5"</u>
<u>KG</u>	<u>17350</u>	<u>12310</u>	<u>9330</u>	<u>7350</u>	<u>6000</u>	<u>5050</u>	<u>4290</u>
<u>M</u>	<u>4,4</u>	<u>6,1</u>	<u>7,9</u>	<u>9,8</u>	<u>11,8</u>	<u>13,8</u>	<u>16,0</u>

9520-K7



	▼	▼	▼	▼	▼	▼	▼	▼
<u>LB</u>	<u>37501</u>	<u>26433</u>	<u>19908</u>	<u>15587</u>	<u>12588</u>	<u>10516</u>	<u>8841</u>	<u>7650</u>
<u>FT</u>	<u>14'5"</u>	<u>20'0"</u>	<u>25'11"</u>	<u>32'2"</u>	<u>38'8"</u>	<u>45'3"</u>	<u>52'5"</u>	<u>59'4"</u>
<u>KG</u>	<u>17010</u>	<u>11990</u>	<u>9030</u>	<u>7070</u>	<u>5710</u>	<u>4770</u>	<u>4010</u>	<u>3470</u>
<u>M</u>	<u>4,4</u>	<u>6,1</u>	<u>7,9</u>	<u>9,8</u>	<u>11,8</u>	<u>13,8</u>	<u>16,0</u>	<u>18,1</u>

9520-K8



	▼	▼	▼	▼	▼	▼	▼	▼	▼
<u>LB</u>	<u>36729</u>	<u>25816</u>	<u>19357</u>	<u>15036</u>	<u>12059</u>	<u>9987</u>	<u>8333</u>	<u>7121</u>	<u>6305</u>
<u>FT</u>	<u>14'9"</u>	<u>20'4"</u>	<u>25'11"</u>	<u>32'2"</u>	<u>38'8"</u>	<u>45'7"</u>	<u>52'5"</u>	<u>59'4"</u>	<u>65'11"</u>
<u>KG</u>	<u>16660</u>	<u>11710</u>	<u>8780</u>	<u>6820</u>	<u>5470</u>	<u>4530</u>	<u>3780</u>	<u>3230</u>	<u>2860</u>
<u>M</u>	<u>4,5</u>	<u>6,2</u>	<u>7,9</u>	<u>9,8</u>	<u>11,8</u>	<u>13,9</u>	<u>16,0</u>	<u>18,1</u>	<u>20,1</u>

9520 OK2 Capacity Chart

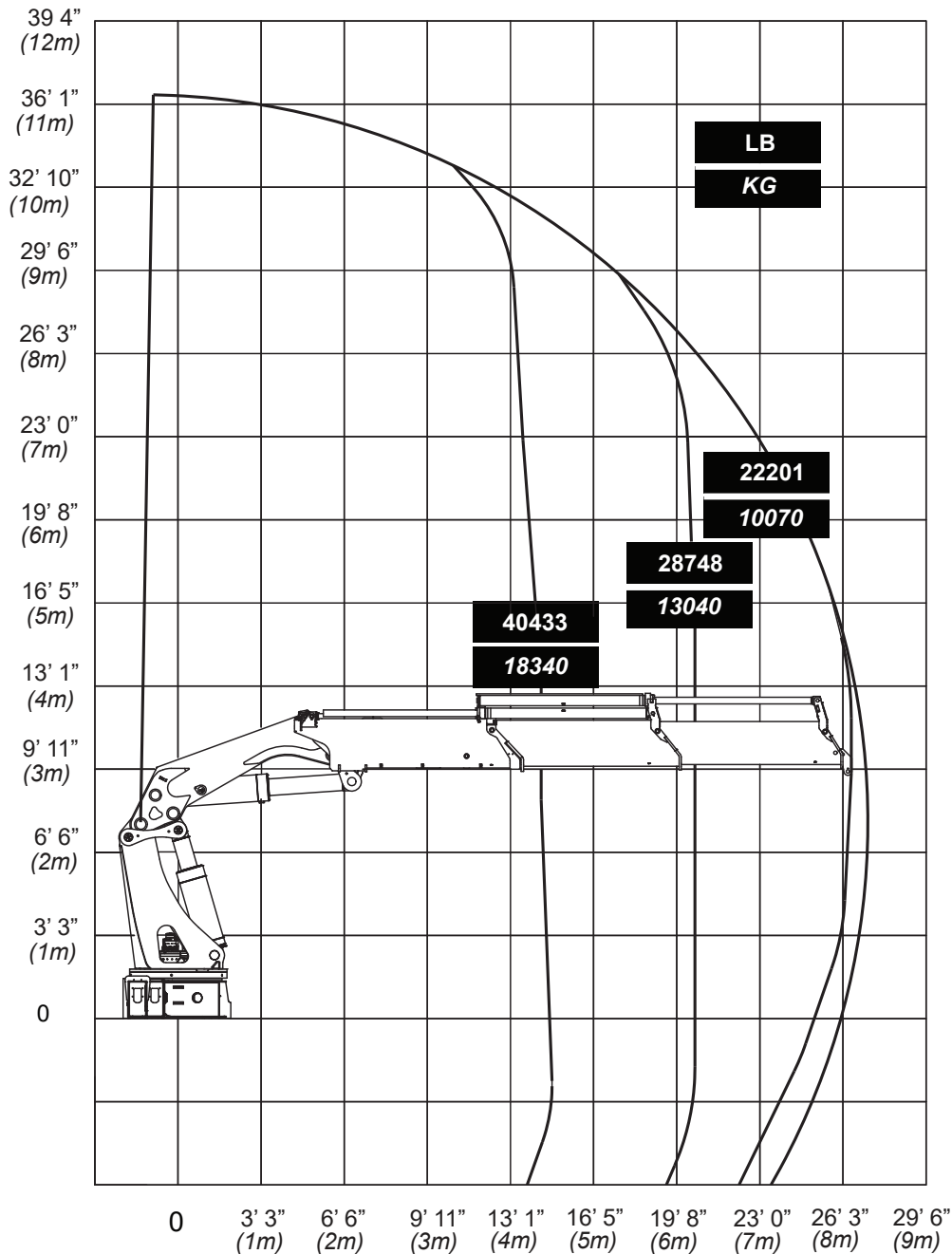
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MATERIAL HANDLING SYSTEMS

Model 9520 RCS OK2

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- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



70490175

9520 OK3 Capacity Chart

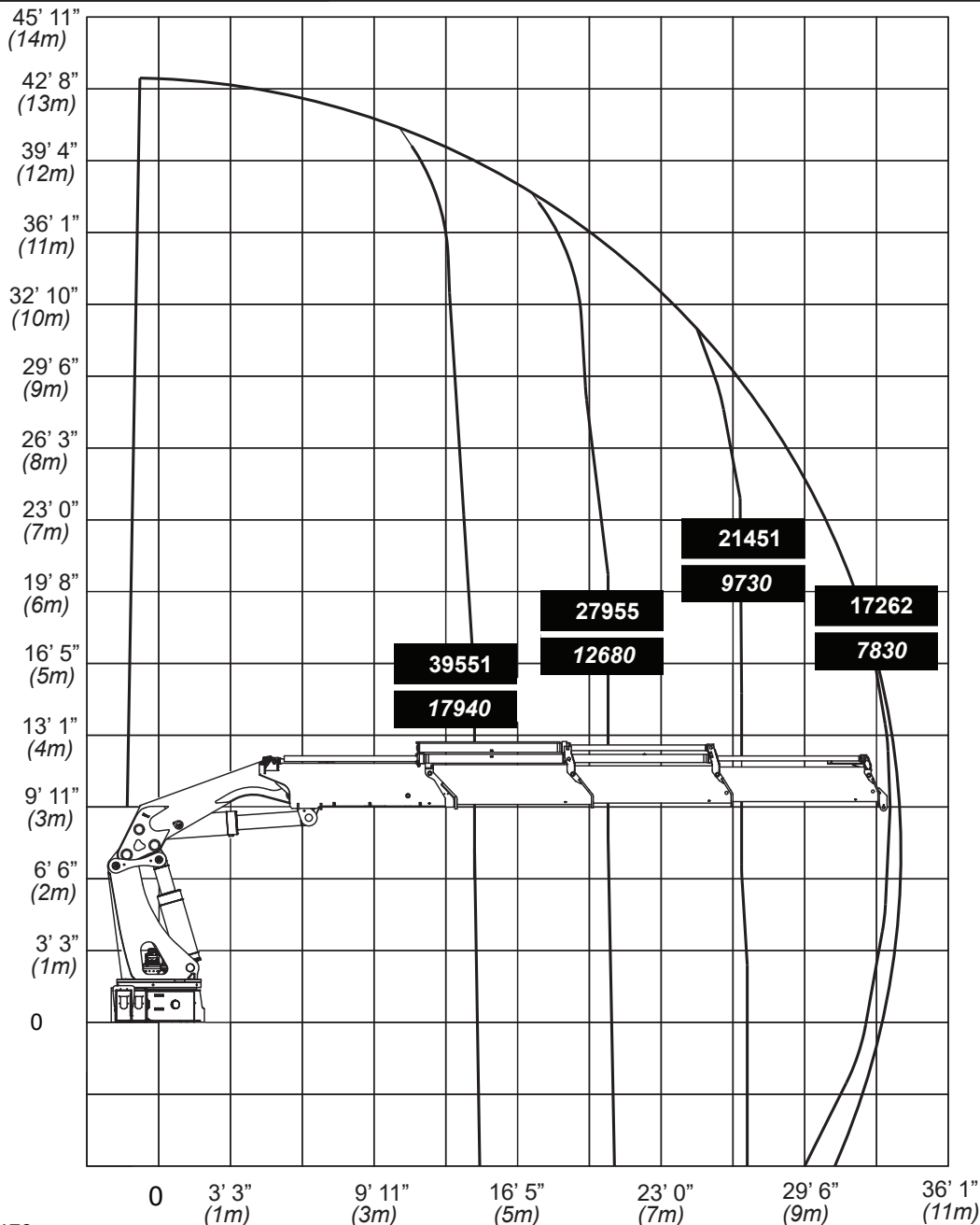
IMT

MATERIAL HANDLING SYSTEMS

Model 9520 RCS OK3

 IOWA MOLD TOOLING CO., INC.
 BOX 189 • GARNER • IA • 50438 • 641-923-3711

- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



70490176

9520 OK4 Capacity Chart

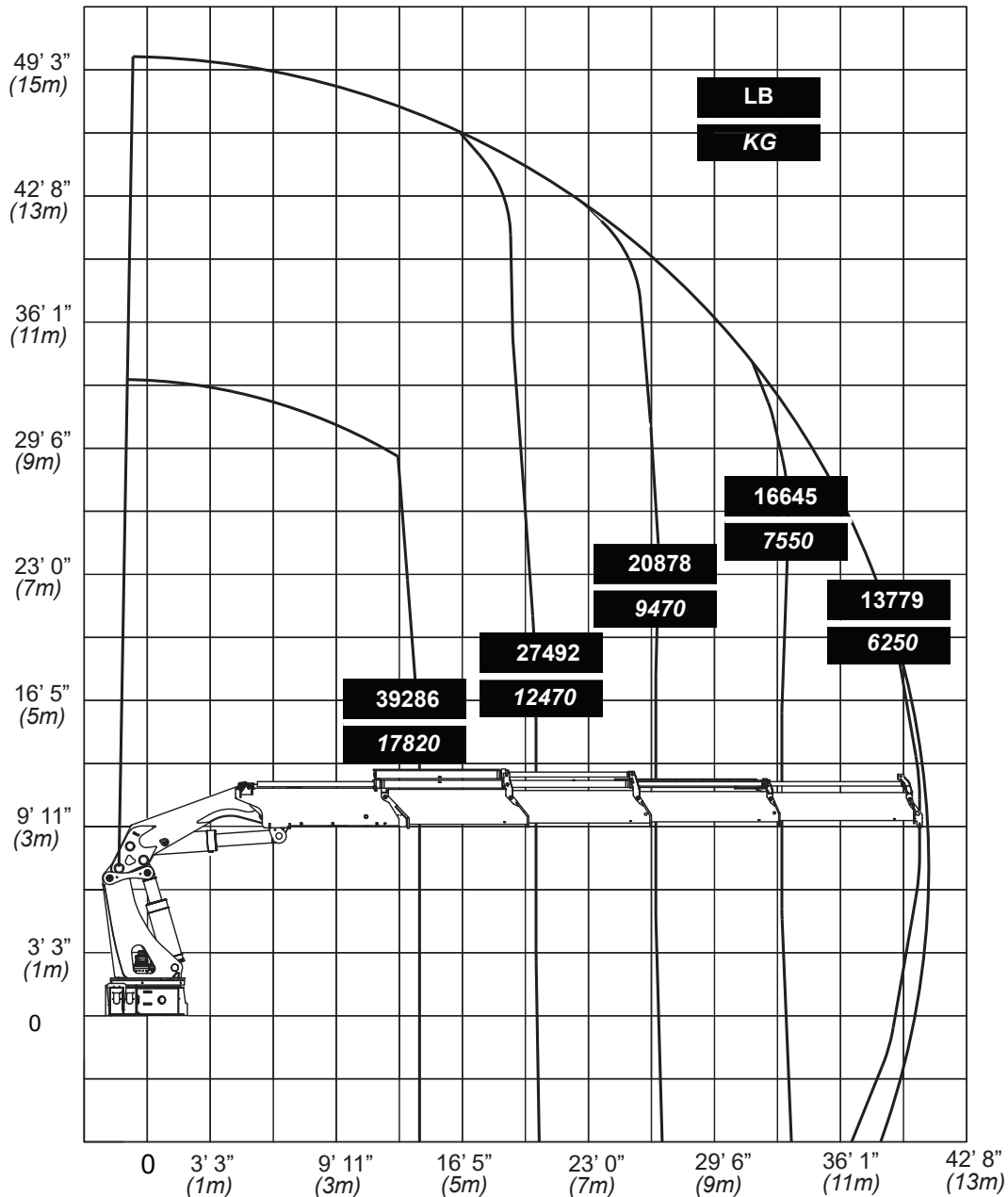
IMT

MATERIAL HANDLING SYSTEMS

Model 9520 RCS OK4

 IOWA MOLD TOOLING CO., INC.
 BOX 189 • GARNER • IA • 50438 • 641-923-3711

- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



70490177

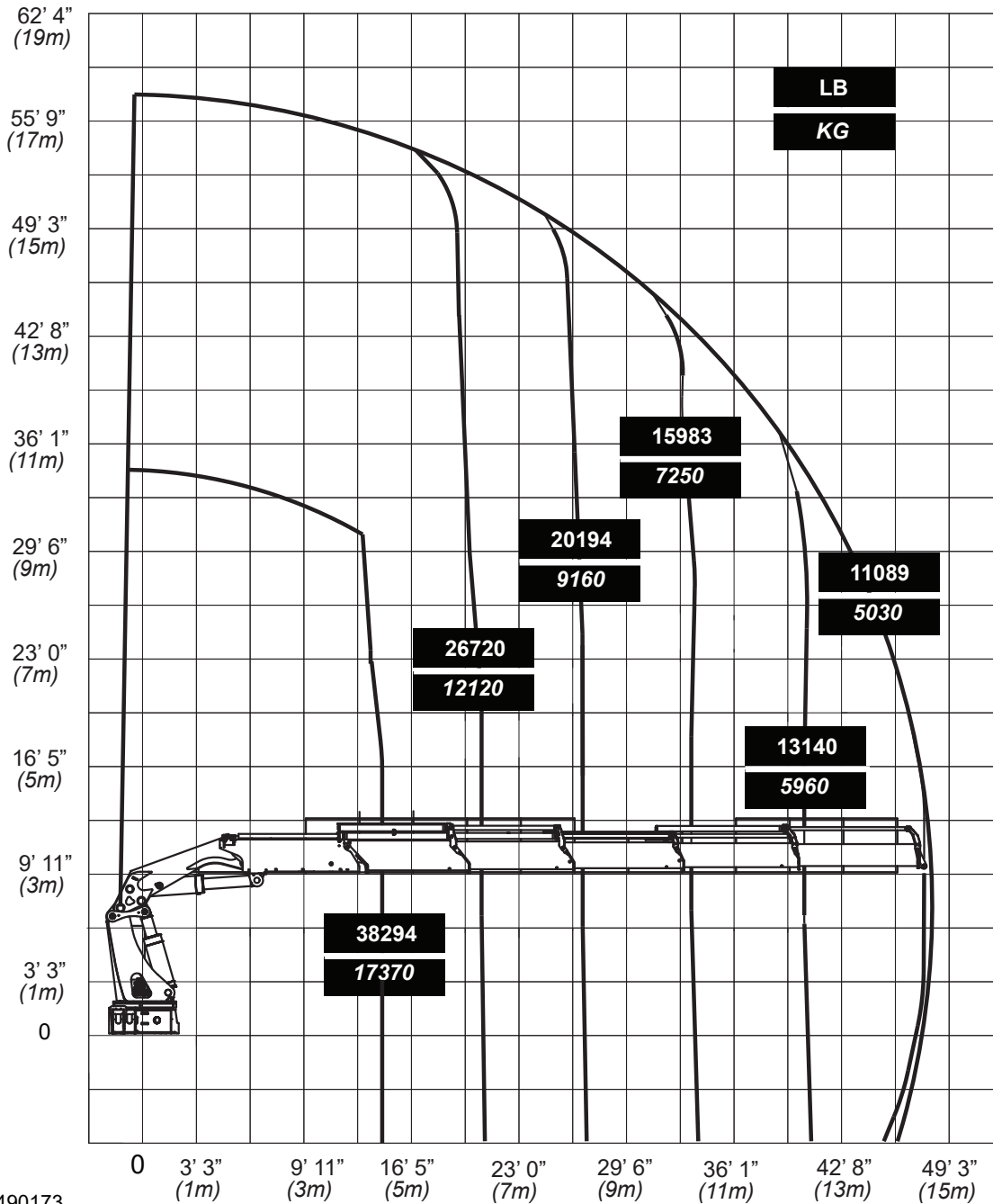
9520 OK5 Capacity Chart

IMT
MATERIAL HANDLING SYSTEMS

Model 9520 RCS OK5

IOWA MOLD TOOLING CO., INC.
BOX 189 • GARNER • IA • 50438 • 641-923-3711

- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



70490173

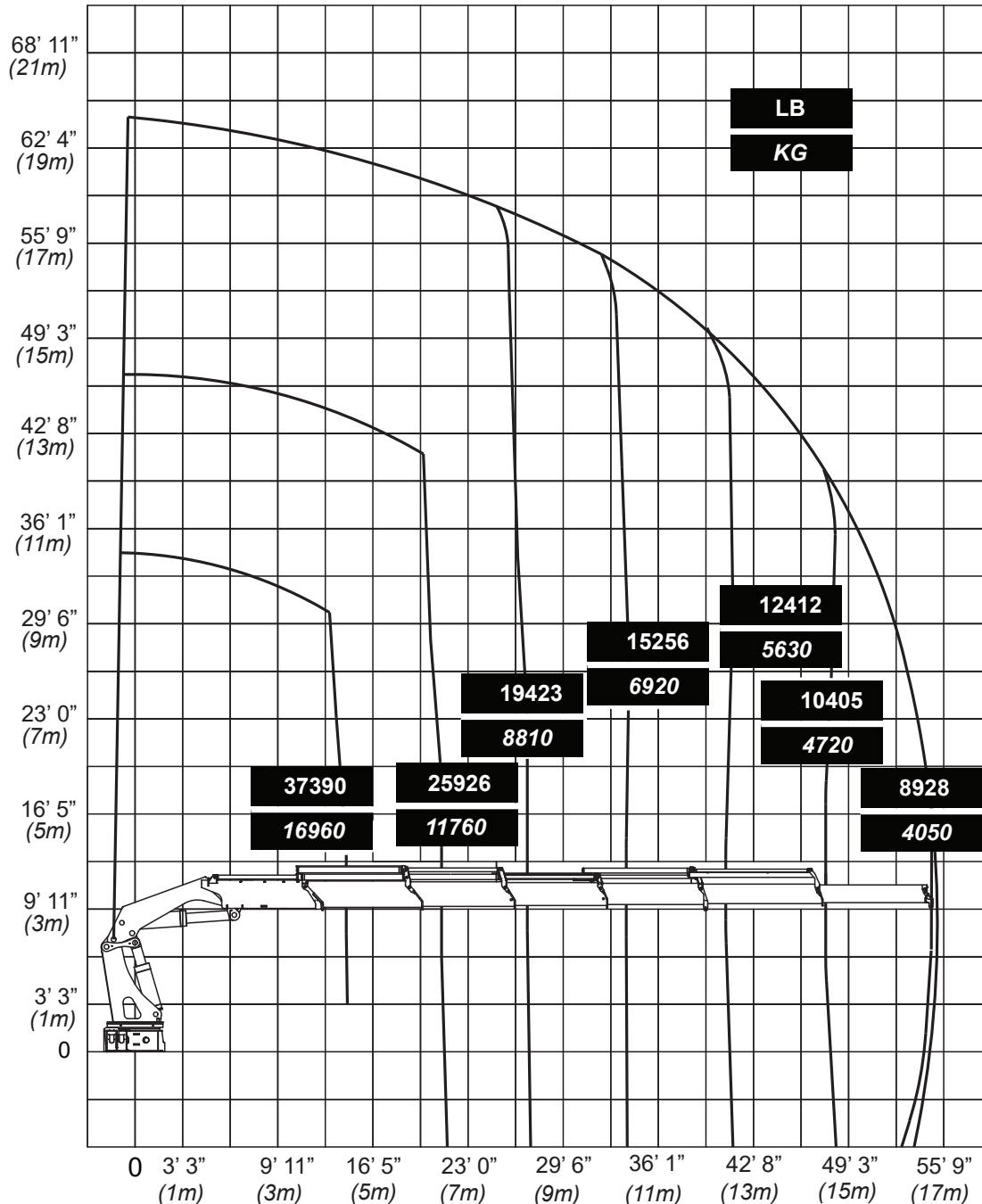
9520 OK6 Capacity Chart

IMT
MATERIAL HANDLING SYSTEMS

Model 9520 RCS OK6

IOWA MOLD TOOLING CO., INC.
BOX 189 • GARNER • IA • 50438 • 641-923-3711

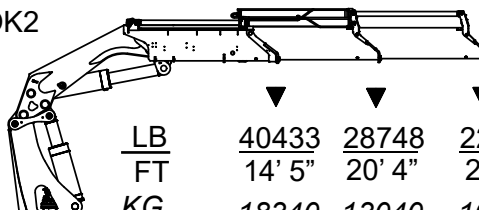
- Limit working loads to those shown. Deduct the weight of load handling devices.
- *El peso propio (tara) de los dispositivos de manipulación de cargas es parte de la carga levantada y se debe descontar de la capacidad nominal.*



70490178

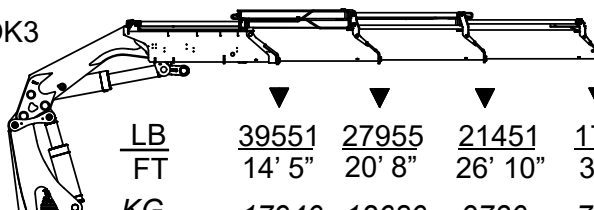
9520 OK2-OK6 - Lifting Capacity

9520-OK2



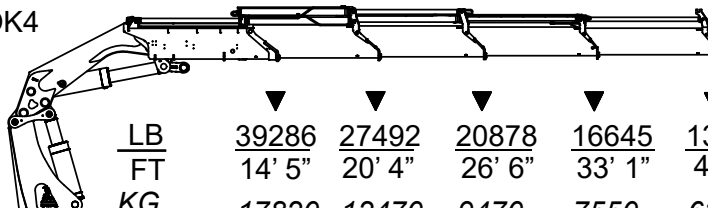
<u>LB</u>	<u>40433</u>	<u>28748</u>	<u>22201</u>
<u>FT</u>	<u>14' 5"</u>	<u>20' 4"</u>	<u>26' 6"</u>
<u>KG</u>	<u>18340</u>	<u>13040</u>	<u>10070</u>
<u>M</u>	<u>4,4</u>	<u>6,2</u>	<u>8,1</u>

9520-OK3



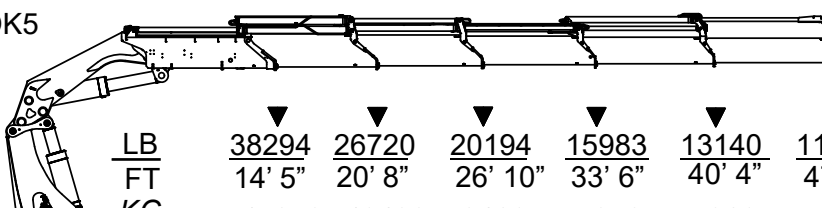
<u>LB</u>	<u>39551</u>	<u>27955</u>	<u>21451</u>	<u>17262</u>
<u>FT</u>	<u>14' 5"</u>	<u>20' 8"</u>	<u>26' 10"</u>	<u>33' 5"</u>
<u>KG</u>	<u>17940</u>	<u>12680</u>	<u>9730</u>	<u>7830</u>
<u>M</u>	<u>4,4</u>	<u>6,3</u>	<u>8,2</u>	<u>10,2</u>

9520-OK4



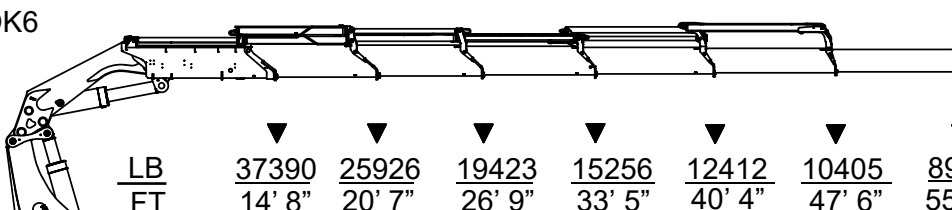
<u>LB</u>	<u>39286</u>	<u>27492</u>	<u>20878</u>	<u>16645</u>	<u>13779</u>
<u>FT</u>	<u>14' 5"</u>	<u>20' 4"</u>	<u>26' 6"</u>	<u>33' 1"</u>	<u>40' 0"</u>
<u>KG</u>	<u>17820</u>	<u>12470</u>	<u>9470</u>	<u>7550</u>	<u>6250</u>
<u>M</u>	<u>4,4</u>	<u>6,2</u>	<u>8,1</u>	<u>10,1</u>	<u>12,2</u>

9520-OK5



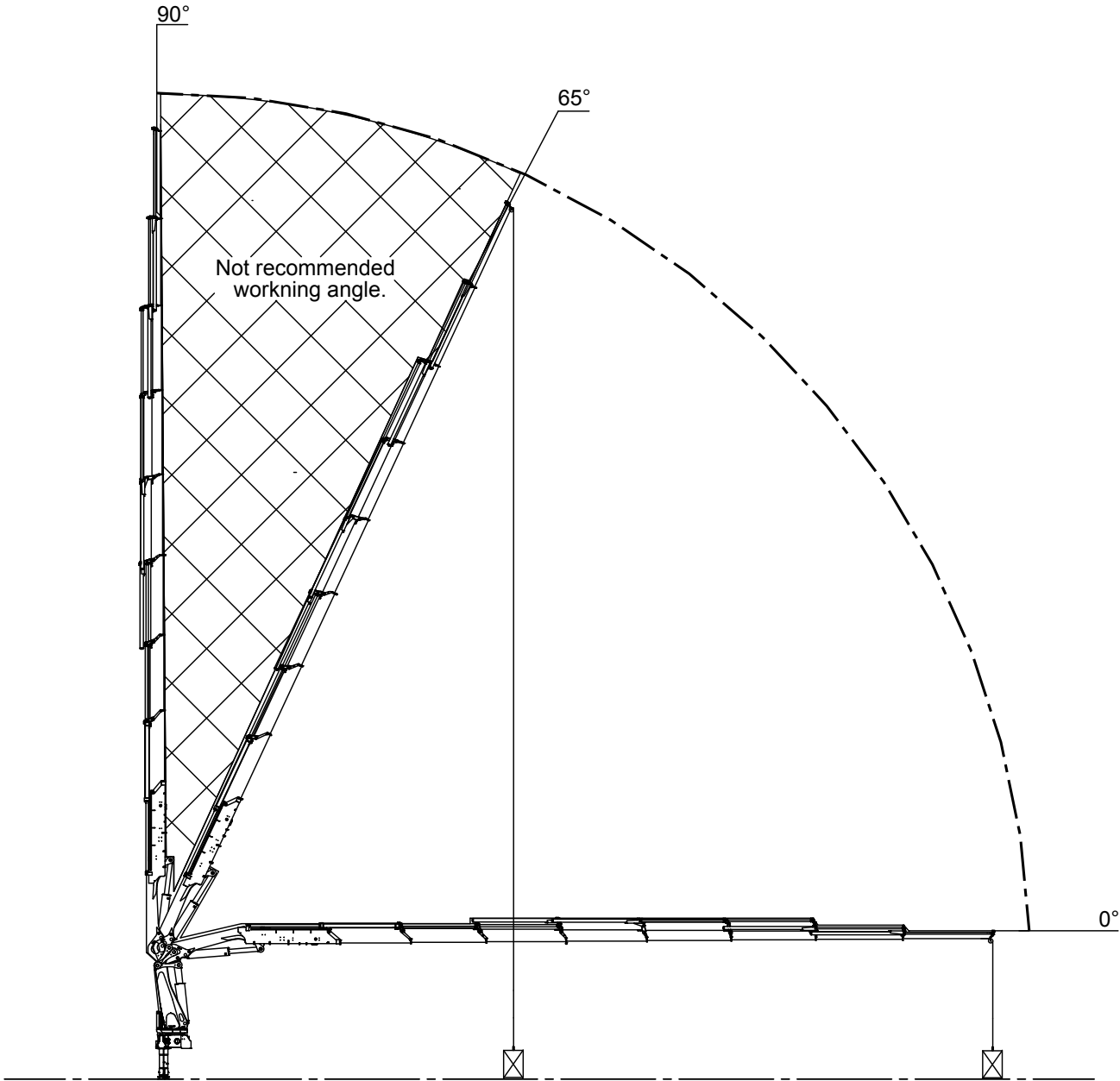
<u>LB</u>	<u>38294</u>	<u>26720</u>	<u>20194</u>	<u>15983</u>	<u>13140</u>	<u>11089</u>
<u>FT</u>	<u>14' 5"</u>	<u>20' 8"</u>	<u>26' 10"</u>	<u>33' 6"</u>	<u>40' 4"</u>	<u>47' 6"</u>
<u>KG</u>	<u>17370</u>	<u>12120</u>	<u>9160</u>	<u>7250</u>	<u>5960</u>	<u>5030</u>
<u>M</u>	<u>4,4</u>	<u>6,3</u>	<u>8,2</u>	<u>10,2</u>	<u>12,3</u>	<u>14,5</u>

9520-OK6



<u>LB</u>	<u>37390</u>	<u>25926</u>	<u>19423</u>	<u>15256</u>	<u>12412</u>	<u>10405</u>	<u>8928</u>
<u>FT</u>	<u>14' 8"</u>	<u>20' 7"</u>	<u>26' 9"</u>	<u>33' 5"</u>	<u>40' 4"</u>	<u>47' 6"</u>	<u>55' 1"</u>
<u>KG</u>	<u>16960</u>	<u>11760</u>	<u>8810</u>	<u>6920</u>	<u>5630</u>	<u>4720</u>	<u>4050</u>
<u>M</u>	<u>4,5</u>	<u>6,3</u>	<u>8,2</u>	<u>10,2</u>	<u>12,3</u>	<u>14,5</u>	<u>16,8</u>

9520OK - Lifting Capacity with Winch

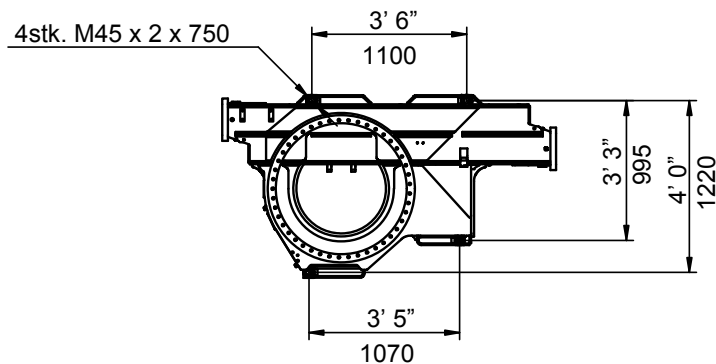
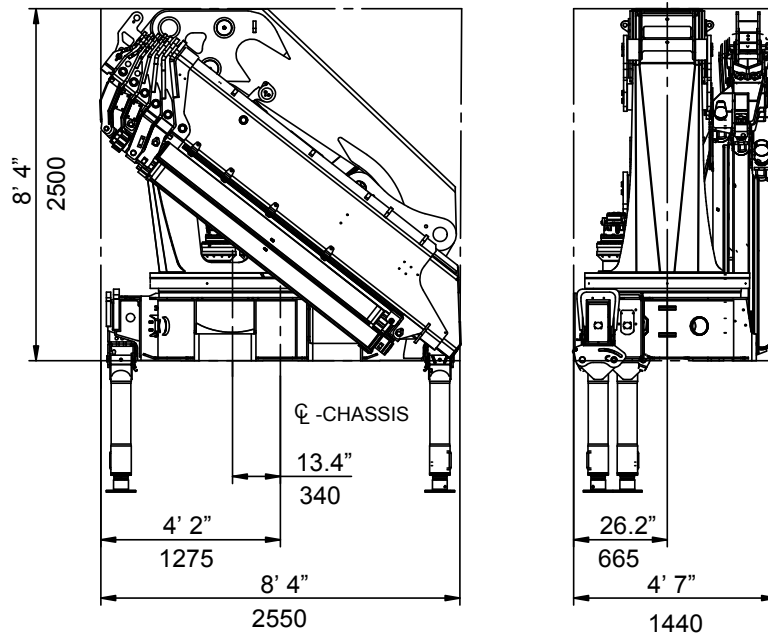
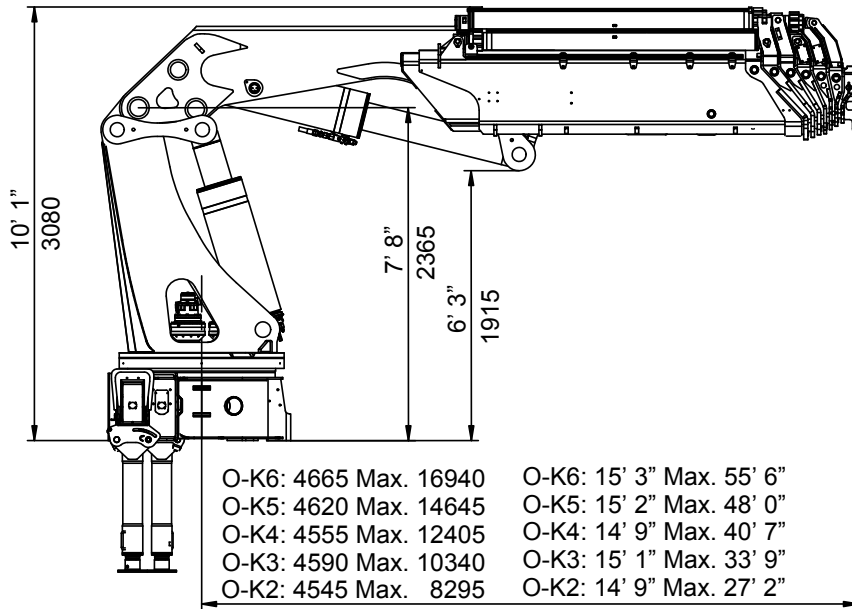


Hydraulic hoist type	MAXW	MAXWD	MAXW	MAXWD
Dinamic S 25 Brevini 2500	7055 lb	14110 lb	3200 kg	6400 kg

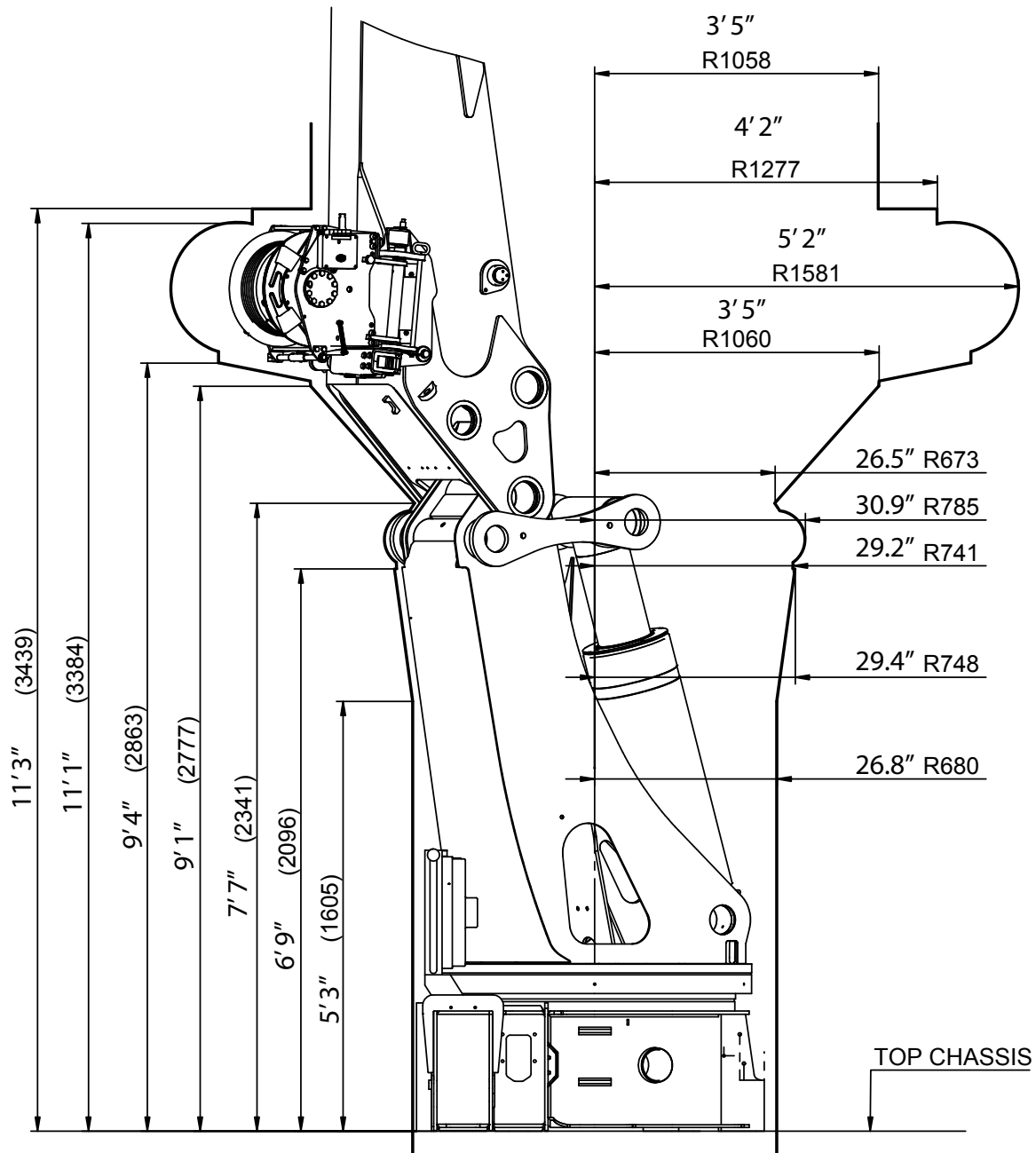
9520OK Dimensional Drawings

Section - 3

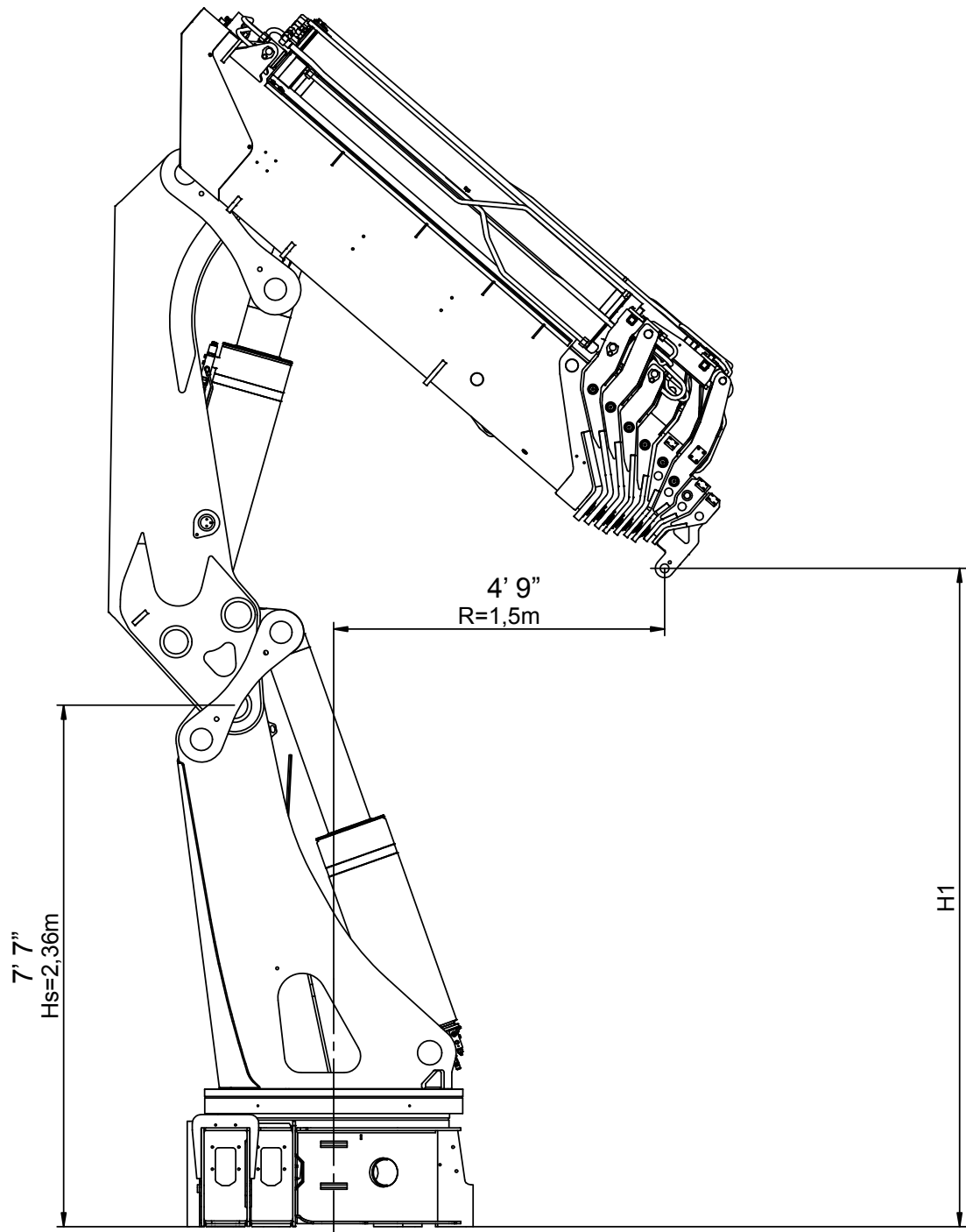
9520OK - Dimension Sketch OK2-OK6



Slewing Radius

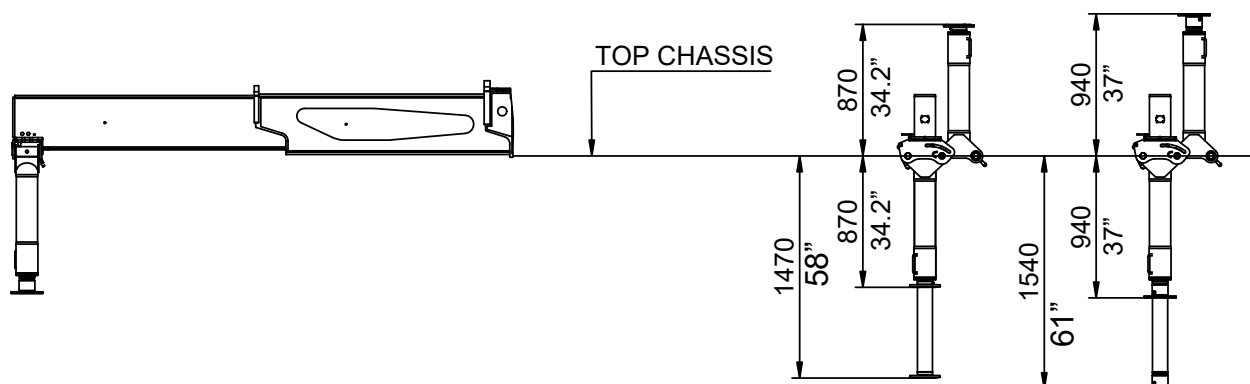
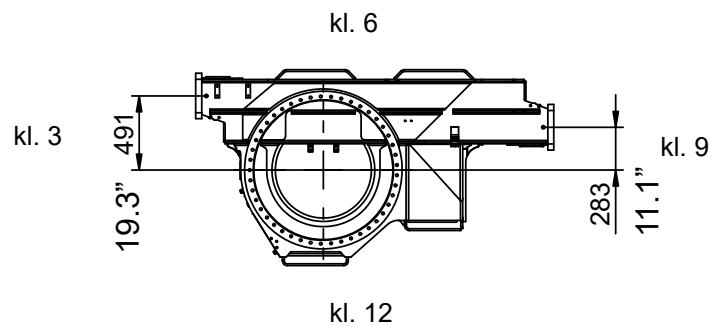
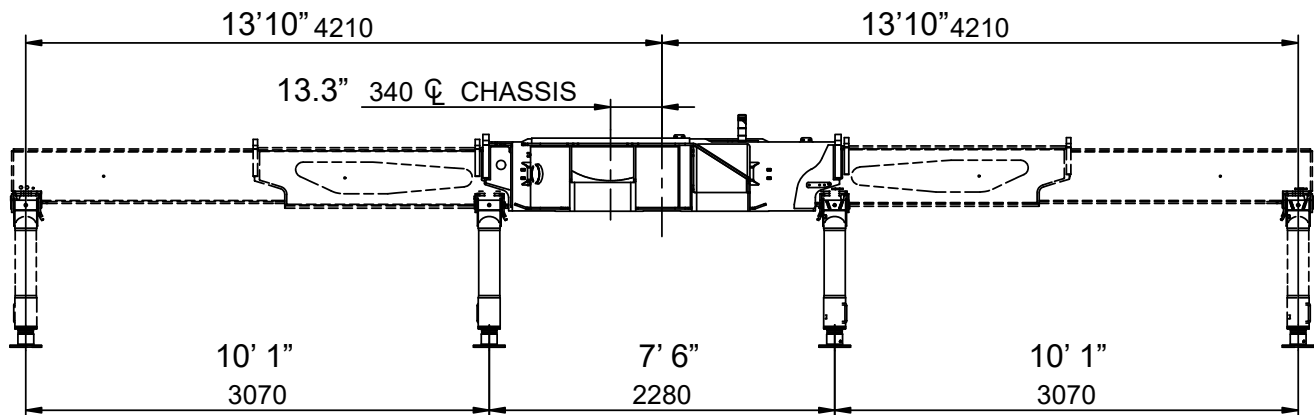


Lifting Height at Column

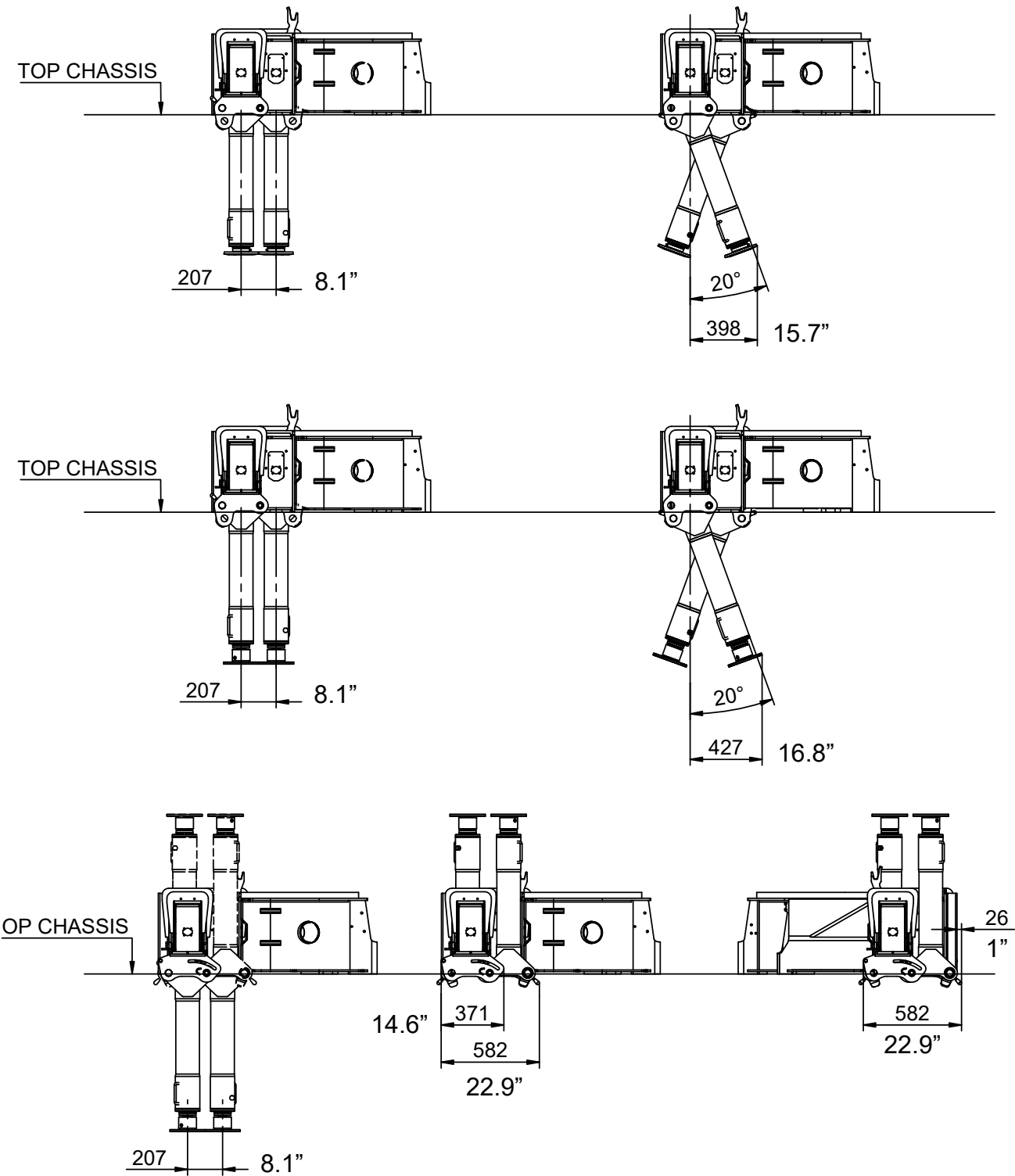


H1 (ft)		Metric H1	
OK2	10.7	OK2	3,25m
OK3	10.5	OK3	3,19m
OK4	10.2	OK4	3,11m
OK5	9.9	OK5	3,02m
OK6	9.7	OK6	2,95m

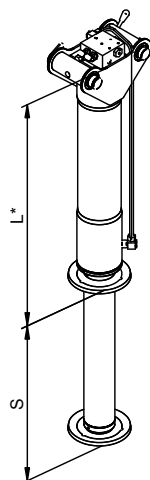
Dimension Sketch, Stabilizer Legs



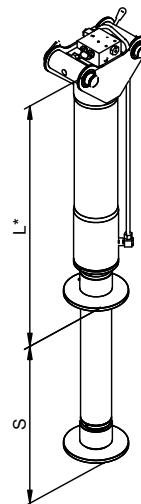
Dimension Sketch, Stabilizer Cylinder



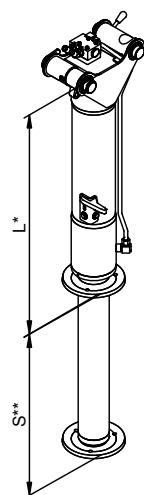
Stabilizer Cylinders



INCHES		METRIC	
	TYPE 600		TYPE 600
NO.	63 03 570	No.	63 03 570
L*	33.5	L*	850 mm
S**	23.6	S**	600 mm
D	7.9	D	200 mm

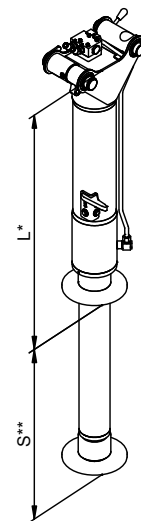


INCHES		METRIC	
	TYPE 600		TYPE 600
NO.	63 03 570	No.	63 03 570
L*	36.2	L*	920 mm
S**	19.7	S**	600 mm
D	8.7	D	210 mm



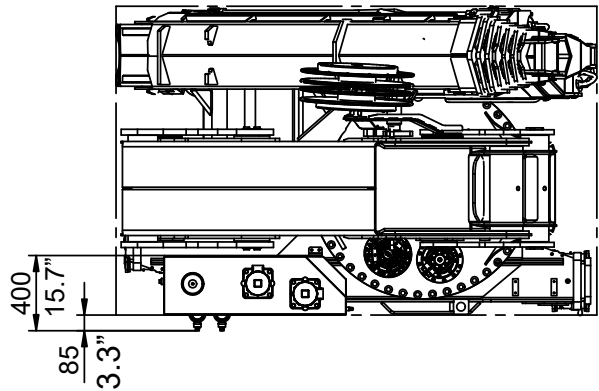
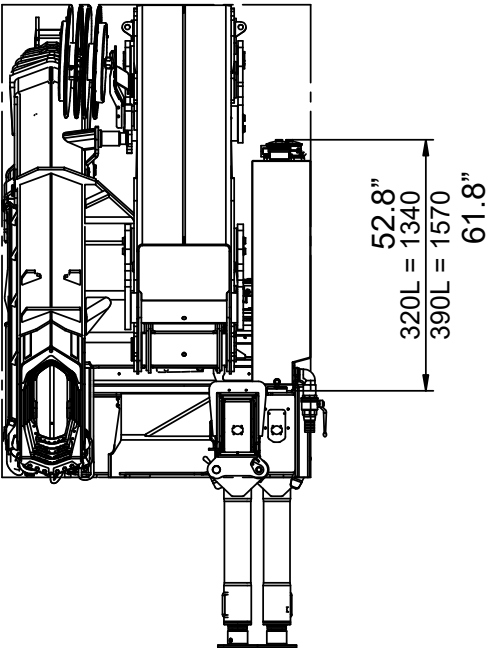
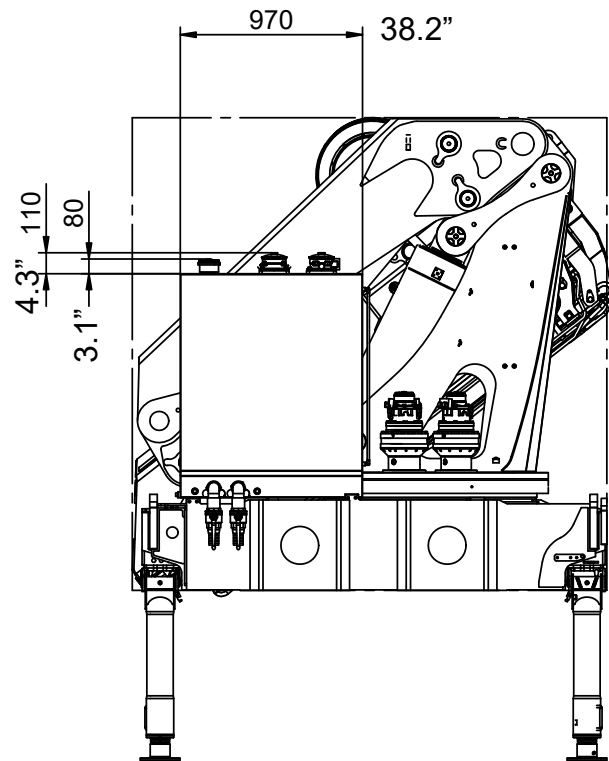
* Dimensio from bottom to base.
 ** Aprox. 4.9 in. are used for the rotation of the leg.

INCHES		
	TYPE 500	TYPE 600
NO.	64 00 240	64 00 250
L*	30.3	34.3
S**	19.7	23.6
D	7.9	7.9
METRIC		
	TYPE 500	TYPE 600
No.	64 00 240	64 00 250
L*	770 mm	870 mm
S**	500 mm	600 mm
D	200 mm	200 mm



INCHES		
	TYPE 500	TYPE 600
NO.	64 00 240	64 00 250
L*	28.7	37
S**	19.7	19.7
D	8.7	8.7
METRIC		
	TYPE 500	TYPE 600
No.	64 00 240	64 00 250
L*	730 mm	940 mm
S**	500 mm	600 mm
D	210 mm	210 mm

Dimension Sketch, Tank



Technical Information, Winch

	PERFORMANCE				
	UNIT	K2-K8	FJ1400	FJ2200	MAN
Max. Wire Pull - 1st Layer	lb	7055	7055 / 2205	7055 / 2866	7055
Max. Wire Pull - 2nd Layer	lb	6393	6393 / 2205	6393 / 2866	6393
Max. Wire Pull - 3rd Layer	lb	5952	5952 / 2205	5952 / 2866	5952
Max. Wire Pull - 4th Layer	bl	5512	5512 / 2205	5512 / 2866	5512

	WEIGHTS			
	UNIT	WITHOUT FLY-JIB	K5-7 WITH FLY-JIB	K8 WITH FLY-JIB110
Fixed Parts	lb	529	849	849
Loose Parts	lb	110*	209*	209*

	CRANE WIRE		
	WITHOUT FLY-JIB	K5-7 WITH FLY-JIB	K8 WITH FLY-JIB110
Int Item No.	63203	63202	63205
Dimention	Ø 0.47 X 200'	Ø 0.47 X 233'	Ø 0.47 X 256'

	WIRE SPEED	
	UNIT	K2-K8
1st Layer	ft/min	101
2nd Layer	ft/min	114
3rd Layer	ft/min	125
4th Layer	ft/min	137

* Weight without wire block for double cutting (53 lb) and extra counterweight (49 lb).

Technical Data, Winch - Metric

	PERFORMANCE				
	UNIT	K2-K8	FJ1400	FJ2200	MAN
Max. Wire Pull - 1st Layer	kg	3200	3200 / 1000	3200 / 1300	3200
Max. Wire Pull - 2nd Layer	kg	2920	2920 / 1000	2920 / 1300	2920
Max. Wire Pull - 3rd Layer	kg	2700	2700 / 1000	2700 / 1300	2700
Max. Wire Pull - 4th Layer	kg	2500	2500 / 1000	2500 / 1300	2500

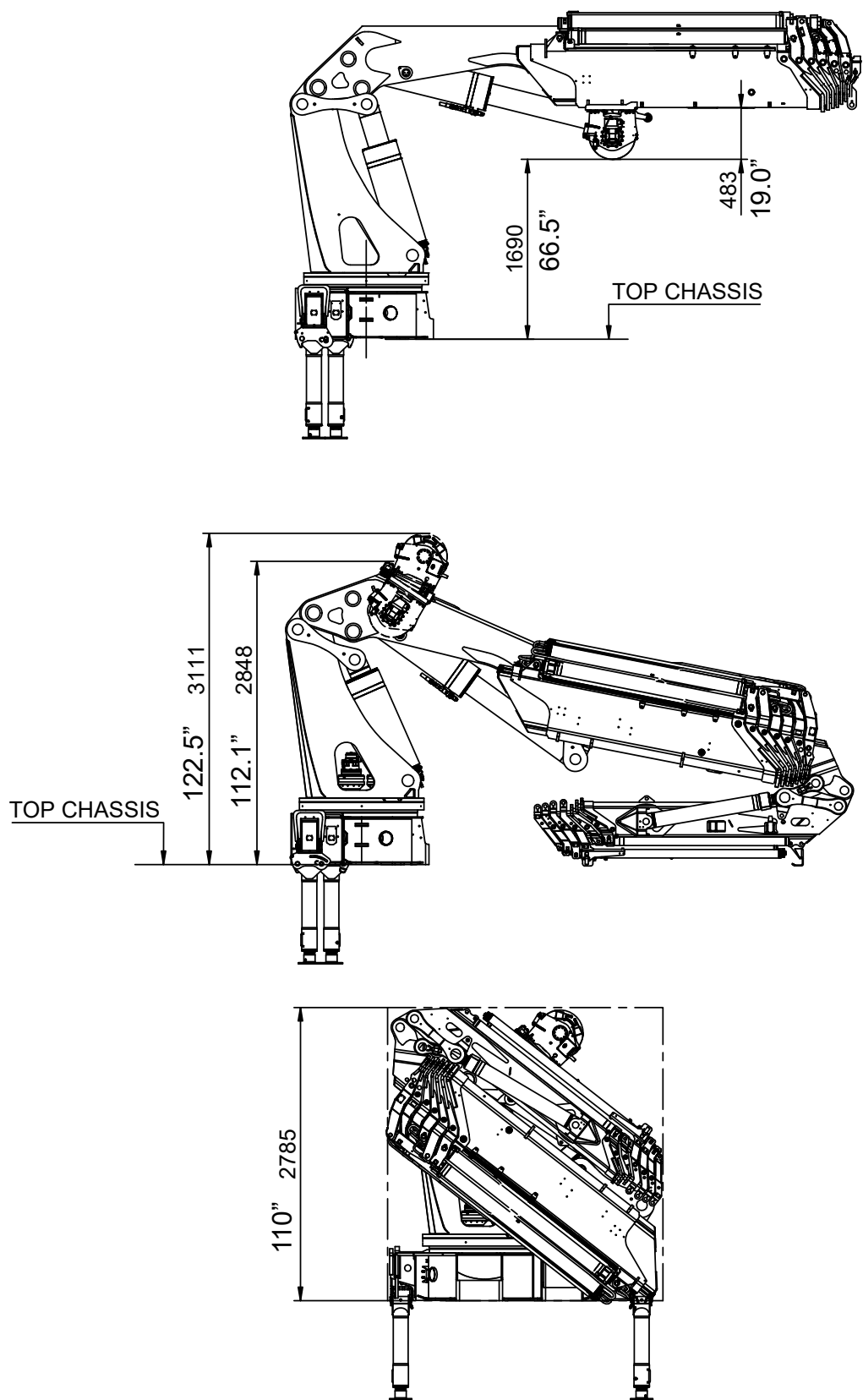
	WEIGHTS			
	UNIT	WITHOUT FLY-JIB	K5-7 WITH FLY-JIB	K8 WITH FLY-JIB110
Fixed Parts	kg	529	849	849
Loose Parts	kg	110*	209*	209*

	CRANE WIRE		
	WITHOUT FLY-JIB	K5-7 WITH FLY-JIB	K8 WITH FLY-JIB110
Int Item No.	63203	63202	63205
Dimention	Ø12mm x 61m	Ø12mm x 71m	Ø12mm x 78m

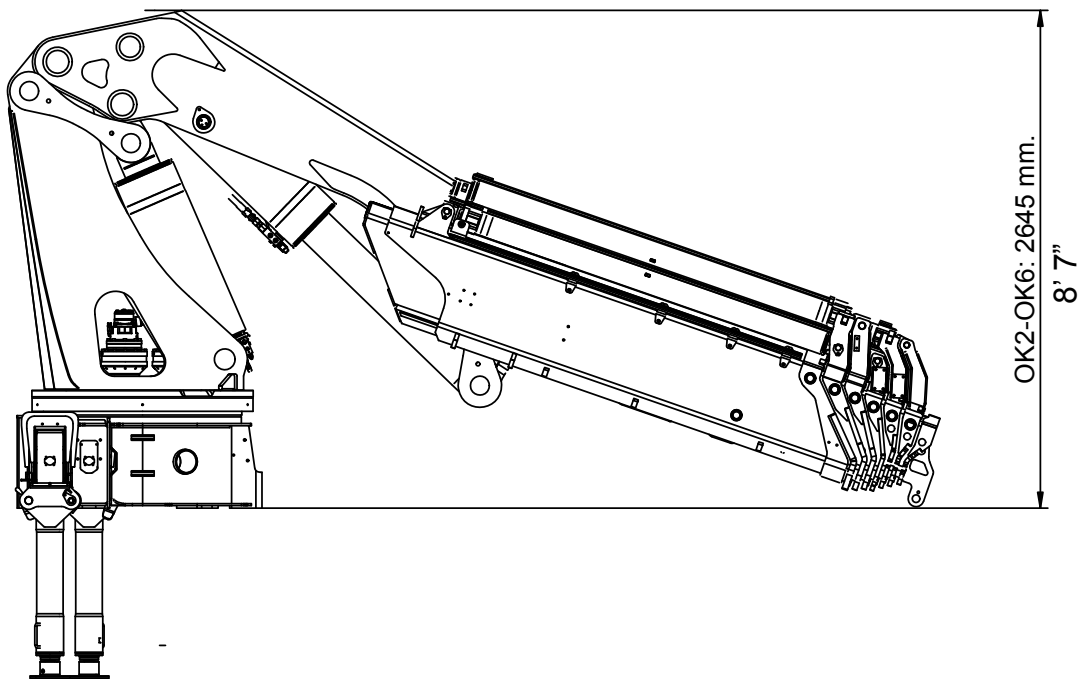
	WIRE SPEED	
	UNIT	K2-K8
1st Layer	m/min	31
2nd Layer	m/min	35
3rd Layer	m/min	38
4th Layer	m/min	42

* Weight without wire block for double cutting (24 kg) and extra counterweight (22 kg).

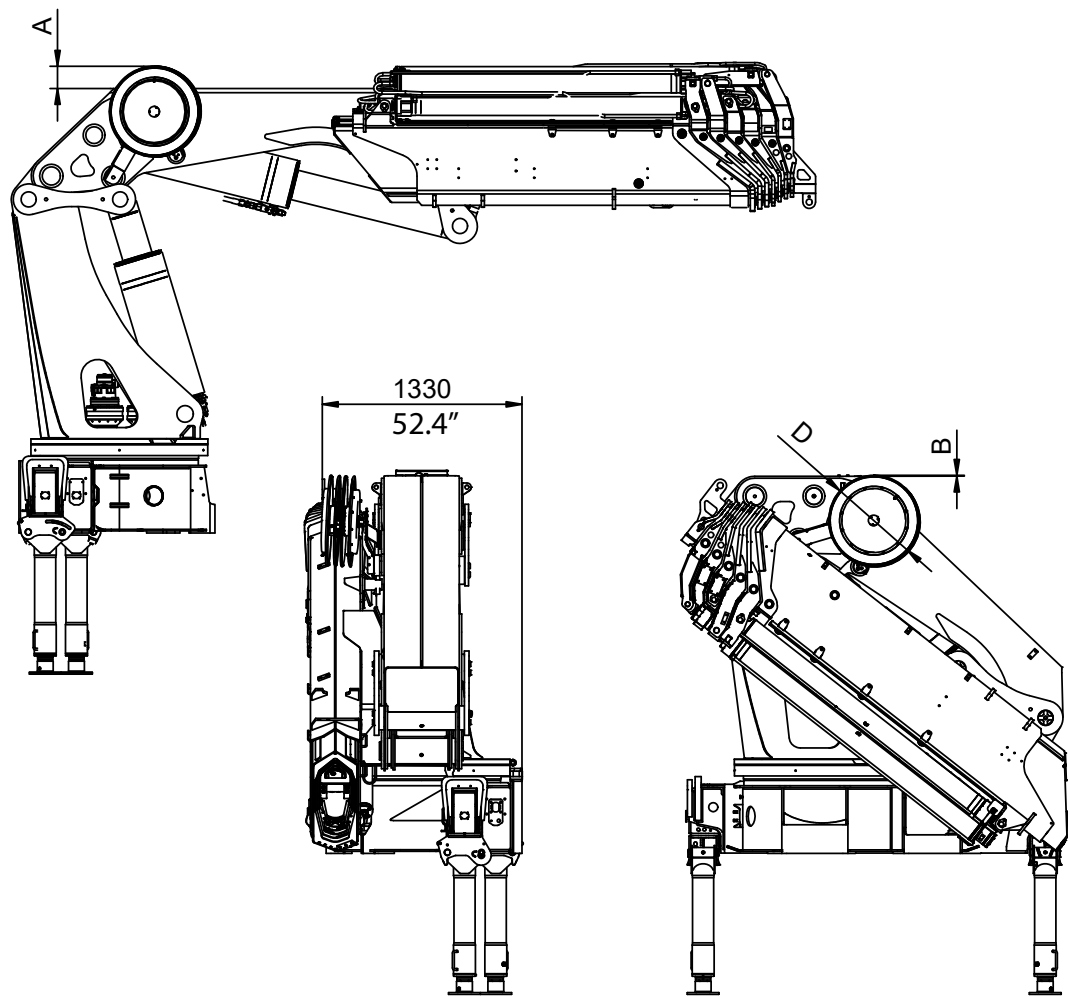
Dimension Sketch, Winch



Stowed in Truck Body



Dimensional Sketch - Internal Hose Routing



	OK-2	OK-3	OK-4	OK-5
A	4.2"	4.2"	5.2"	5.2"
B	1.5"	1.5"	0.6"	0.6"
D	20.5"	20.5"	22.4"	22.4"
METRIC				
	OK-2	OK-3	OK-4	OK-5
A	107	107	132	132
B	39	39	14	14
D	520	520	570	570

9520 Hydraulic Drawings

Section - 4

Working Pressure & Port Relief Valves

	Port	Port-relief valves psi	LS-pressure adjustment psi	Load-holding valve, opening pressure psi
Relief valve, crane		5802		
	A	-	2683	2828 C1-V1
	B	-	2683	2828 C1-V2
	A	5802	5439	5874 C1-V2
	B	-	5439	1813 C1-V2
	A	5511	5004	5874 C1-V2
	B	3626	2901	3046 C1-V2
	A	-	4351	5511 C1-V2
	B	-	4351	3771 C1-V2
	B	-	-	3481** C1-V1
	A	-	725-4351	-
	B	-	725-4351	-
	A	4531	725-4351	-
	B	4061*	725-4351	-
	A	2756	-	-
	B	4641	-	-
	A	-	3046	3553 A1-A
	B	-	3046	-

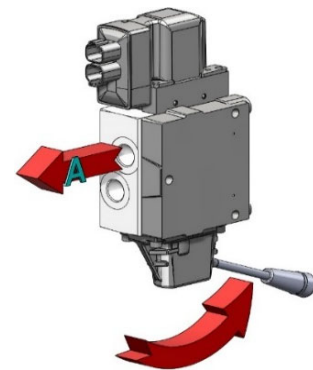
Fly-Jib sections are adjusted according to separate table.

* Can be adjusted or replaced individually.

With regeneration deactivated

Distribution valve on base

	LS-pressure adjustment
Main-relief valve psi	5802
Stabilizer circuit, supply psi	3046
Proportional function for installation purposes psi	1813*



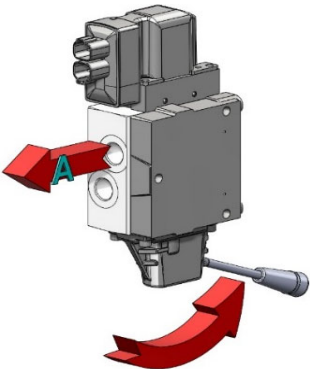
Max. recommended pump performance

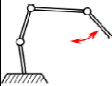
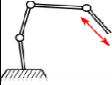
Choice of pump kit	Fixed flow	Variable flow	2 x variable flow
Oil capacity g/min	16-21	26-32	26-32
Pressure psi	5439-5584	5439-5584	5439-5584

Pressure setting in RCL

Load moment limitation (LMB) psi	5149
HDL psi	3844

WORKING PRESSURE CONTINUED (METRIC)



Function		Direction	Port	Fly-Jib:		
				OK6 FJ1200 psi	K6 FJ1400 psi	K7 FJ1400 psi
	LS-pressure adjustment		A	4641	4931	4641
			B	3626	3626	3626
	Port-relief valves		A	5294	5294	5294
			B	4061	4061	4061
	Load-holding Valve		A1-A	5511	5511	5511
			A1-A	4351	4351	4351
	LS-pressure adjustment		A	4351	4351	4351
			B	4351	4351	4351
	Load-holding Valve		C2-V2	3046	3046	3046
			C1-C2	6237	6237	6237
Load moment limitation (LMB)				4424	4714	4424

Working Pressure & Port Relief Valves (Metric)

	Port	Port-relief valves [bar]	LS-pressure adjustment [bar]	Load-holding valve, opening pressure [bar]
Relief valve, crane		400		
	A	-	185	195 C1-V1
	B	-	185	195 C2-V2
	A	400	375	405 C2-V2
	B	-	125	125 C1-V2
	A	380	345	405 C2-V2
	B	250	200	210 C1-V2
	A	-	300	380 C1-C2
	B	-	300	260 C2-V2
	B	-	-	240** C2-V1
	A	-	50-300*	-
	B	-	50-300*	-
	A	300*	50-300*	-
	B	280*	50-300*	-
	A	190	-	-
	B	320	-	-
	A	-	210	245 A1-A
	B	-	210	-

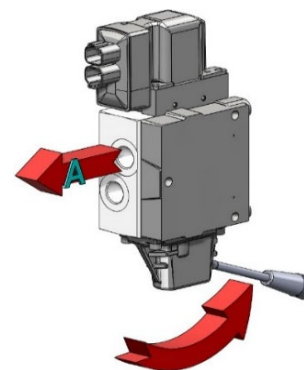
Fly-Jib sections are adjusted according to separate table.

* Can be adjusted or replaced individually.

With regeneration deactivated

Distribution valve on base

	LS-pressure adjustment [bar]
Main-relief valve [bar]	400
Stabilizer circuit, supply [bar]	210
Proportional function for installation purposes [bar]	125*



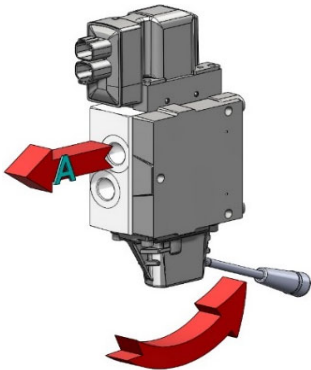
Max. recommended pump performance

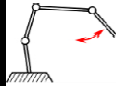
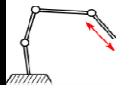
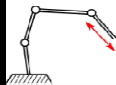
Choice of pump kit	Fixed flow	Variable flow	2 x variable flow
Oil capacity [L/min]	60-80	100-120	100-120
Pressure [bar]	375-385	375-385	375-385

Pressure setting in RCL

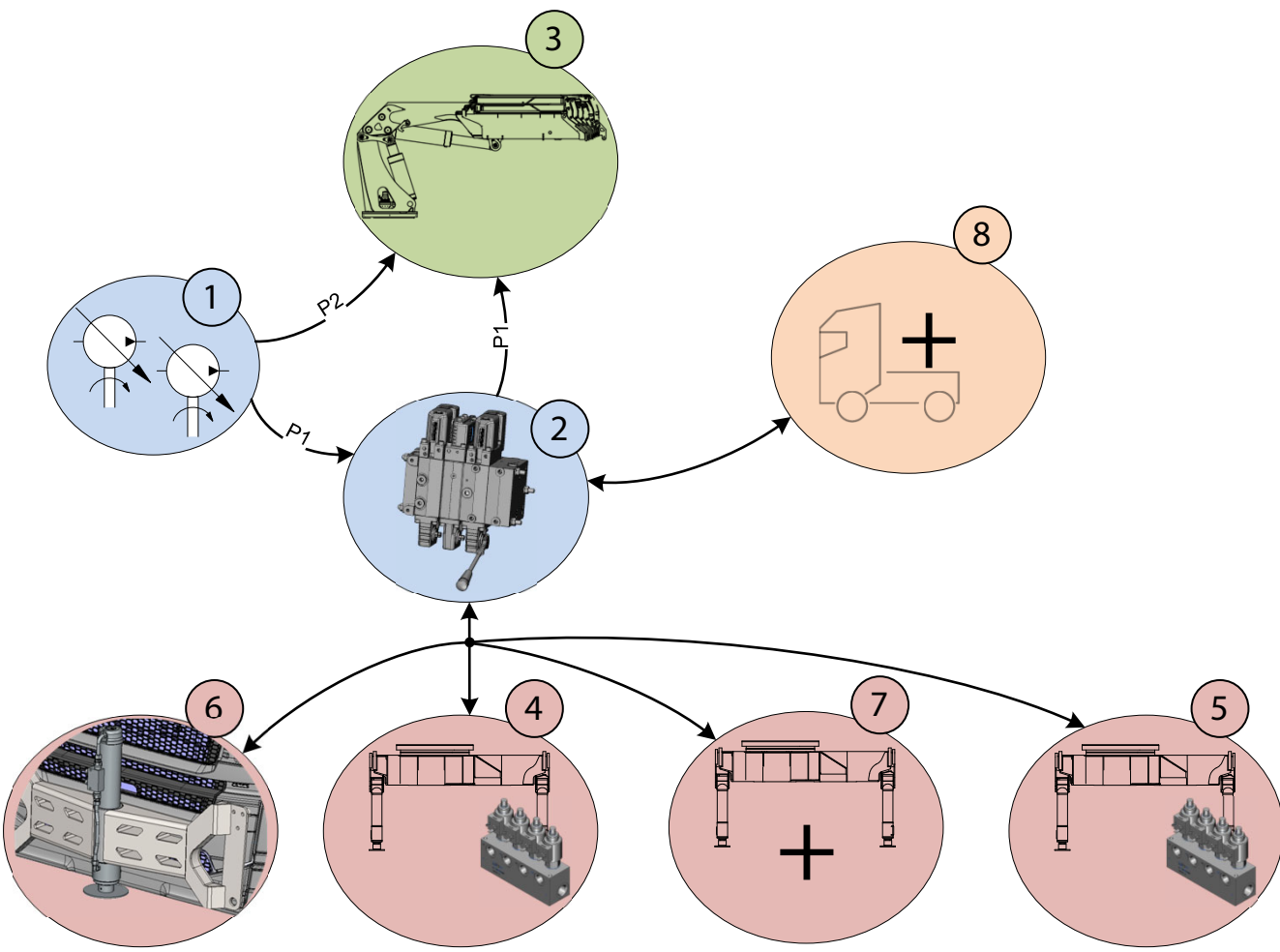
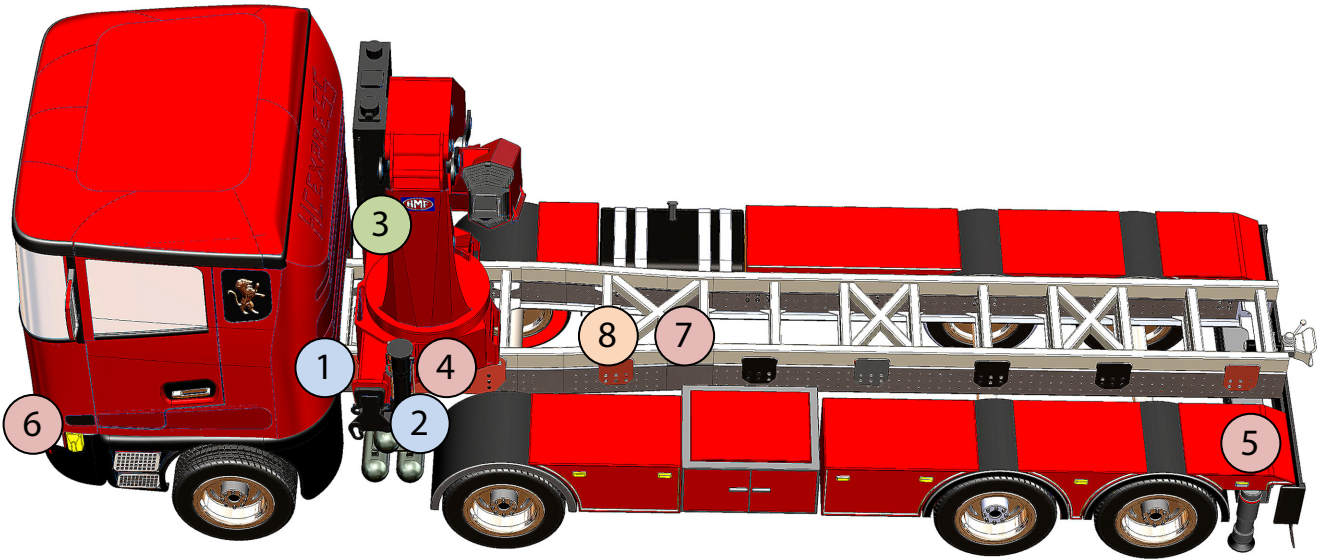
Load moment limitation (LMB) [bar]	355
HDL [bar]	265

WORKING PRESSURE CONTINUED (METRIC)

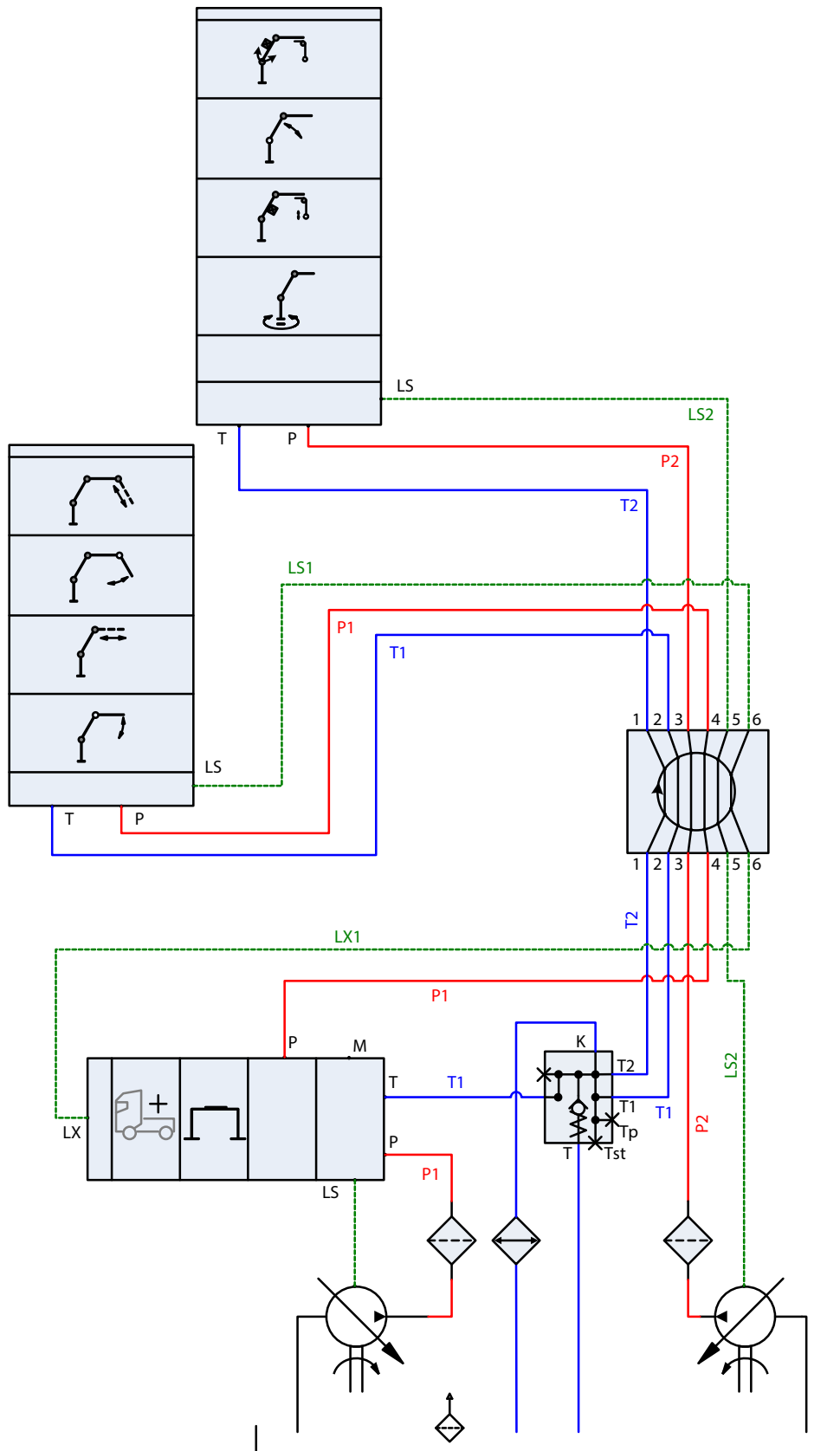


Function		Direction	Port	Fly-Jib:		
				OK6 FJ1200 [bar]	K6 FJ1400 [bar]	K7 FJ1400 [bar]
	LS-pressure adjustment		A	320	340	320
			B	250	250	250
	Port-relief valves		A	365	365	365
			B	280	280	280
	Load-holding Valve		A1-A	380	380	380
			A1-A	300	300	300
	LS-pressure adjustment		A	300	300	300
			B	300	300	300
	Load-holding Valve		C2-V2	210	210	210
			C1-C2	430	430	430
Load moment limitation (LMB)				305	325	305

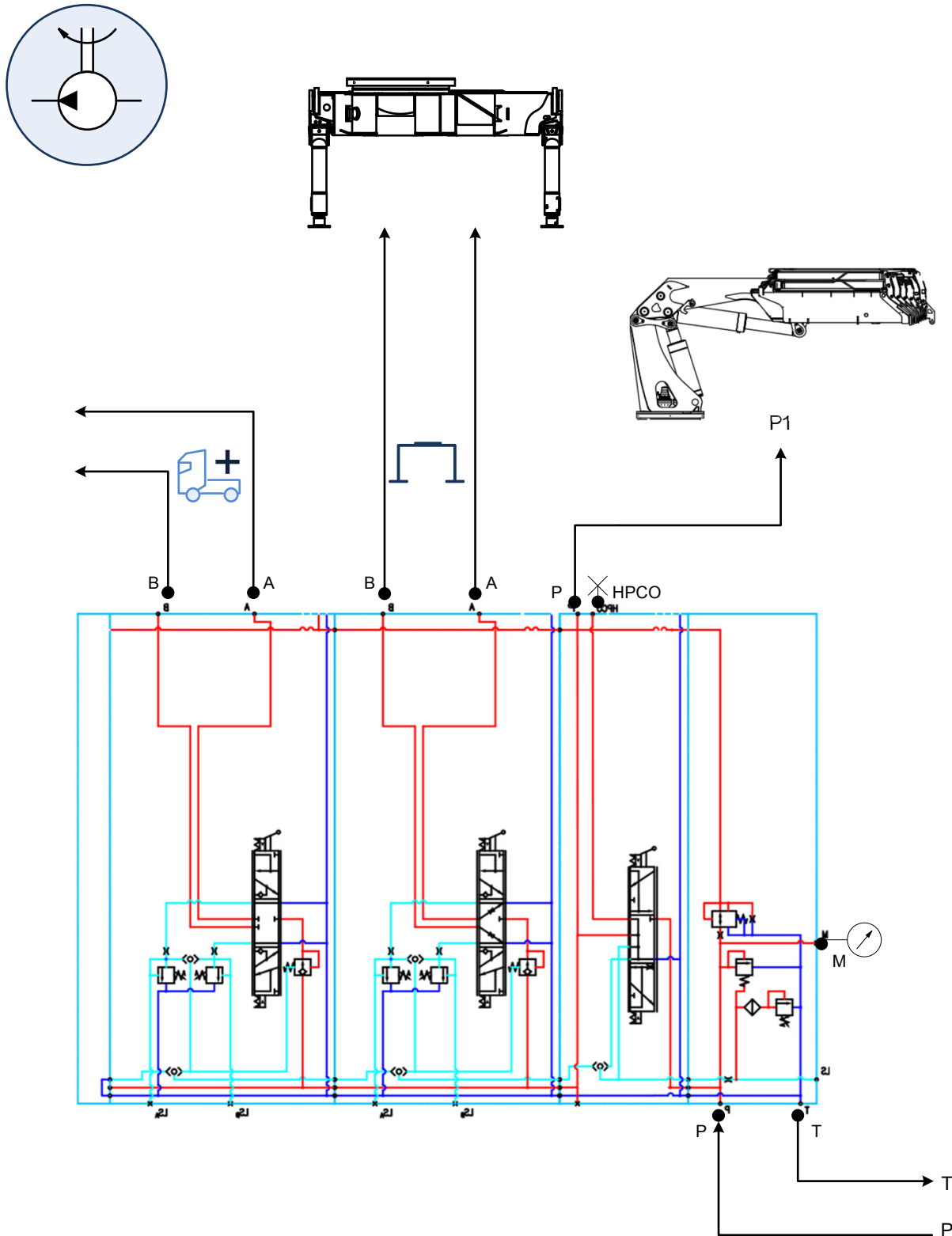
Survey



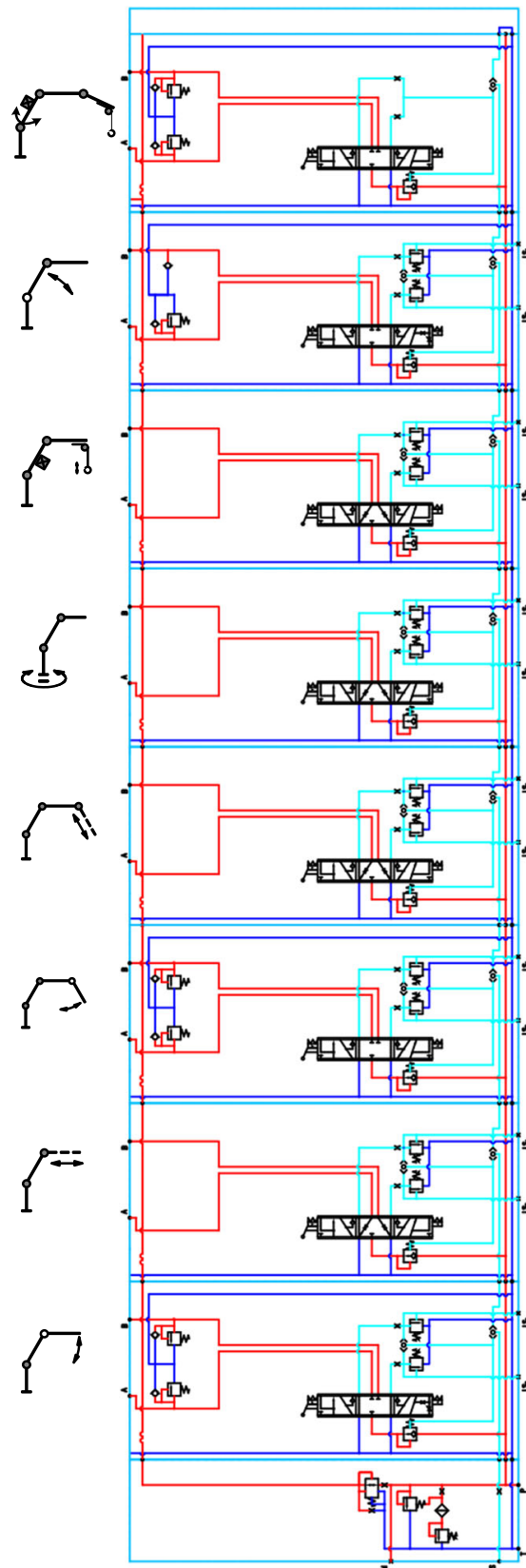
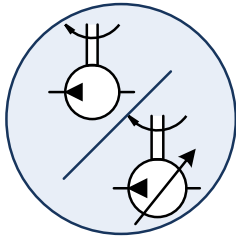
Hydraulic Diagram – Supply 2-Circuit – Variable Flow Pump



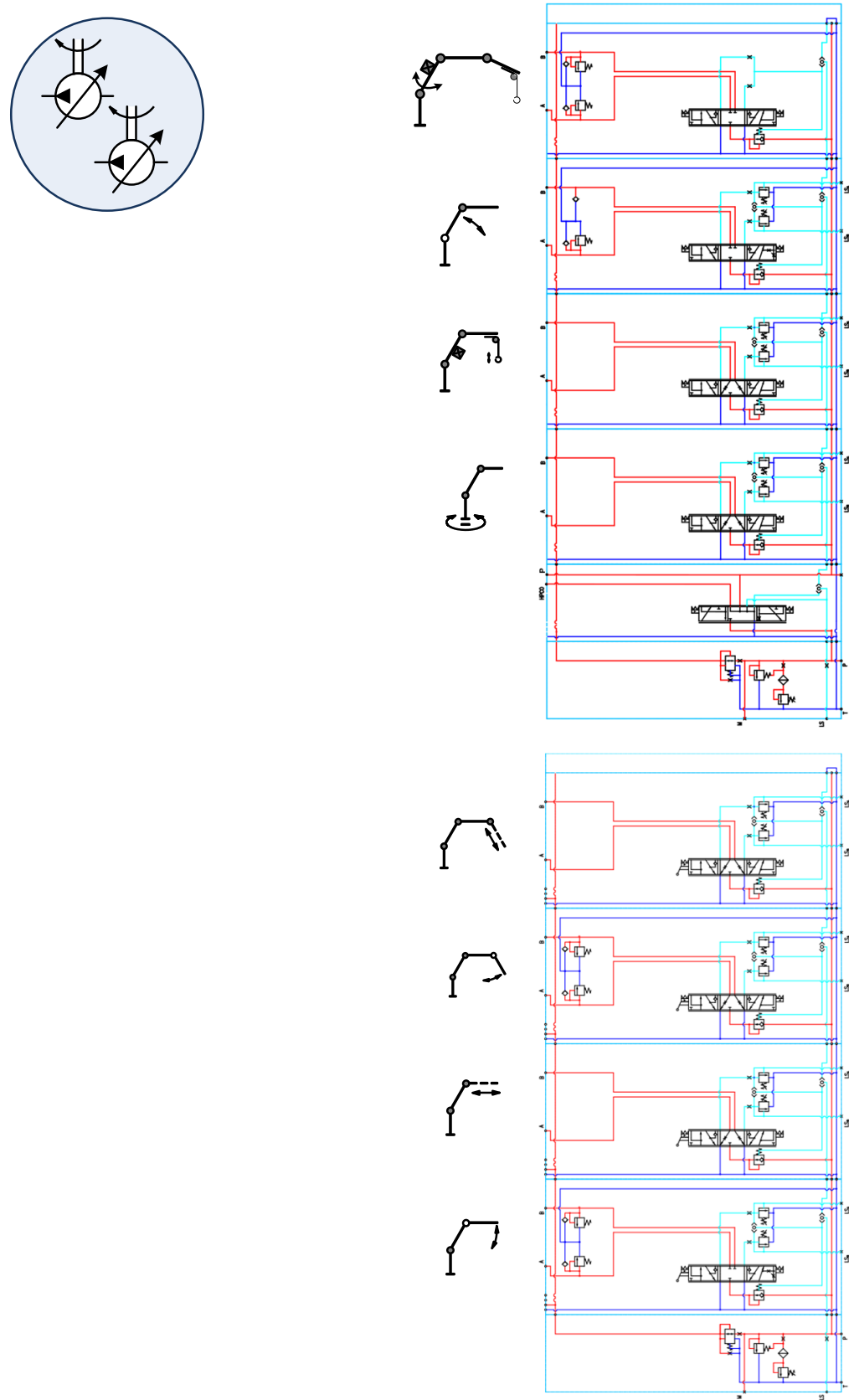
Hydraulic Diagram – Supply Distribution Valve On Crane Base - Fixed Flow Pump



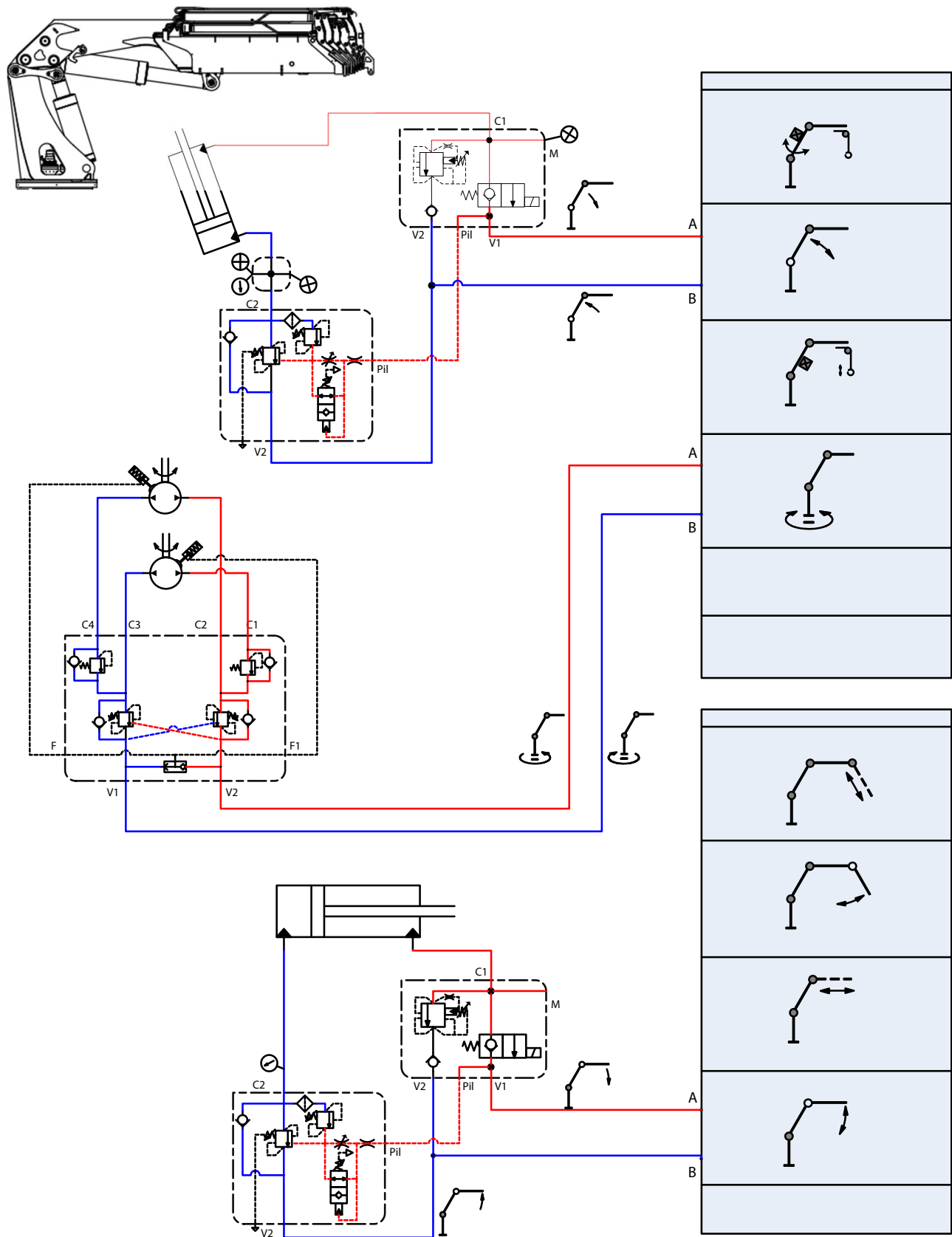
Hydraulic Diagram - Crane Functions, Control Valve 1-Circuit, Fixed And Variable Flow Pump



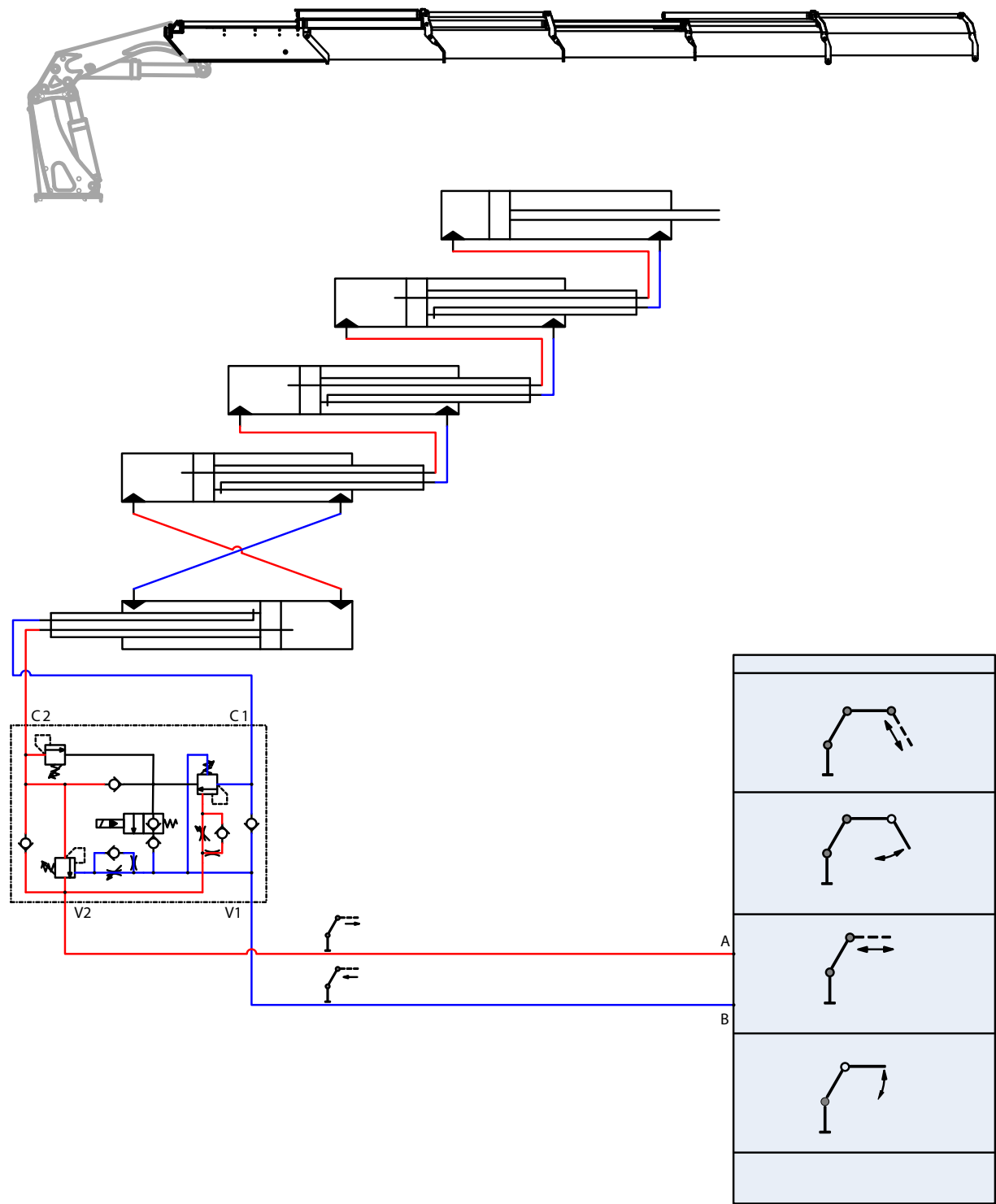
Hydraulic Diagram - Crane functions, Control Valve 2-Circuit, Variable Flow Pump



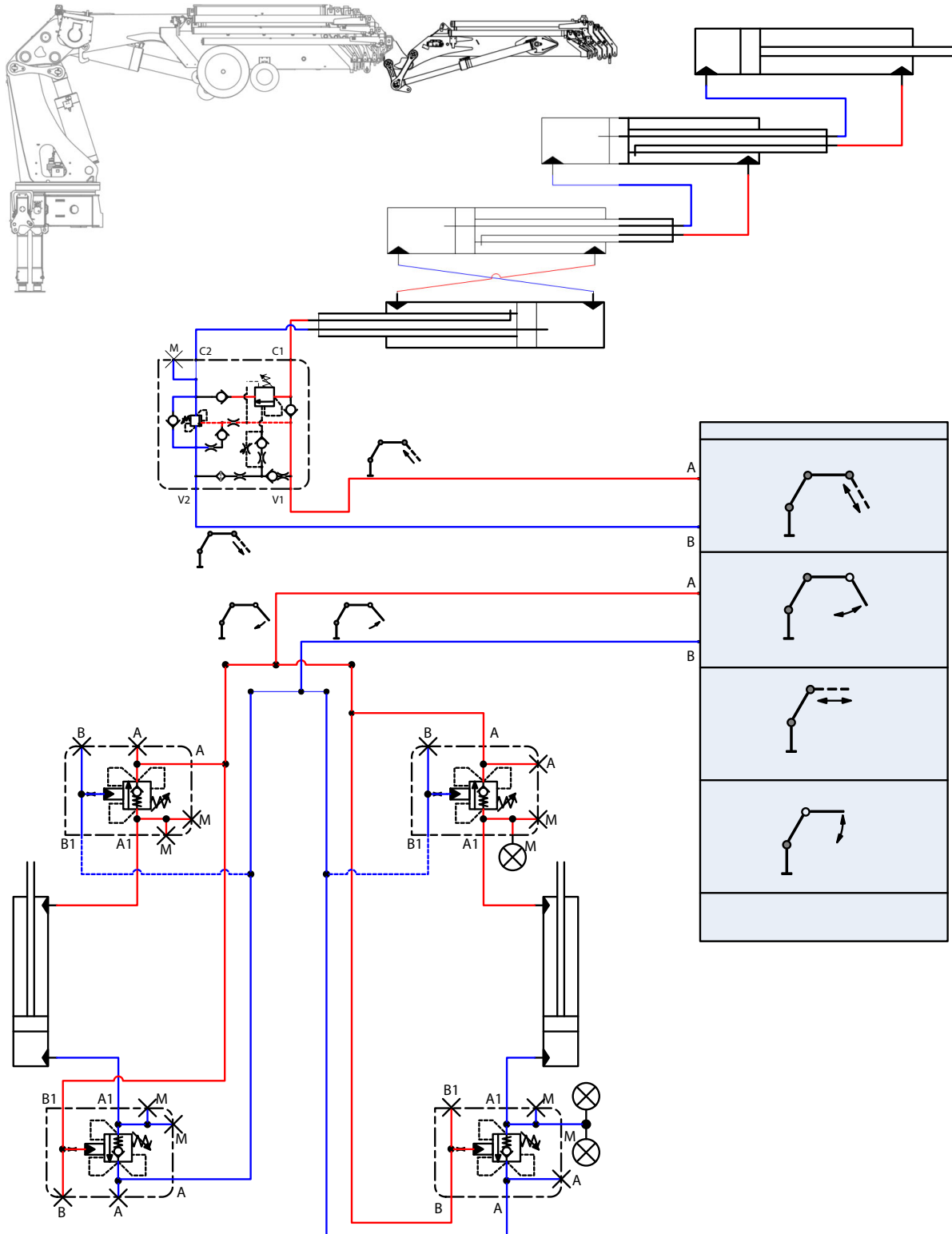
Hydraulic Diagram – Crane Functions Slew, Boom and Jib



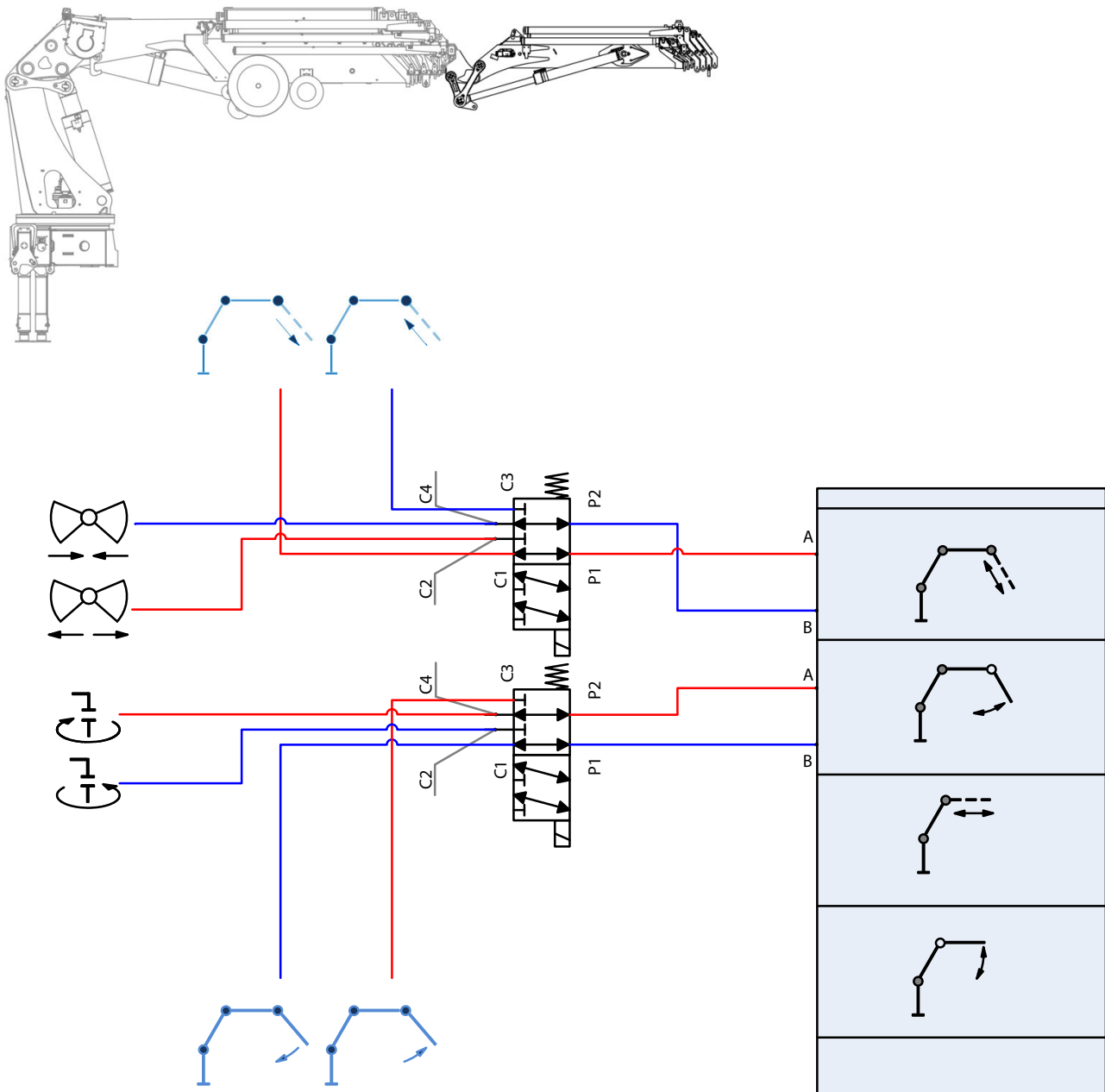
Hydraulic Diagram – Crane Functions Extension



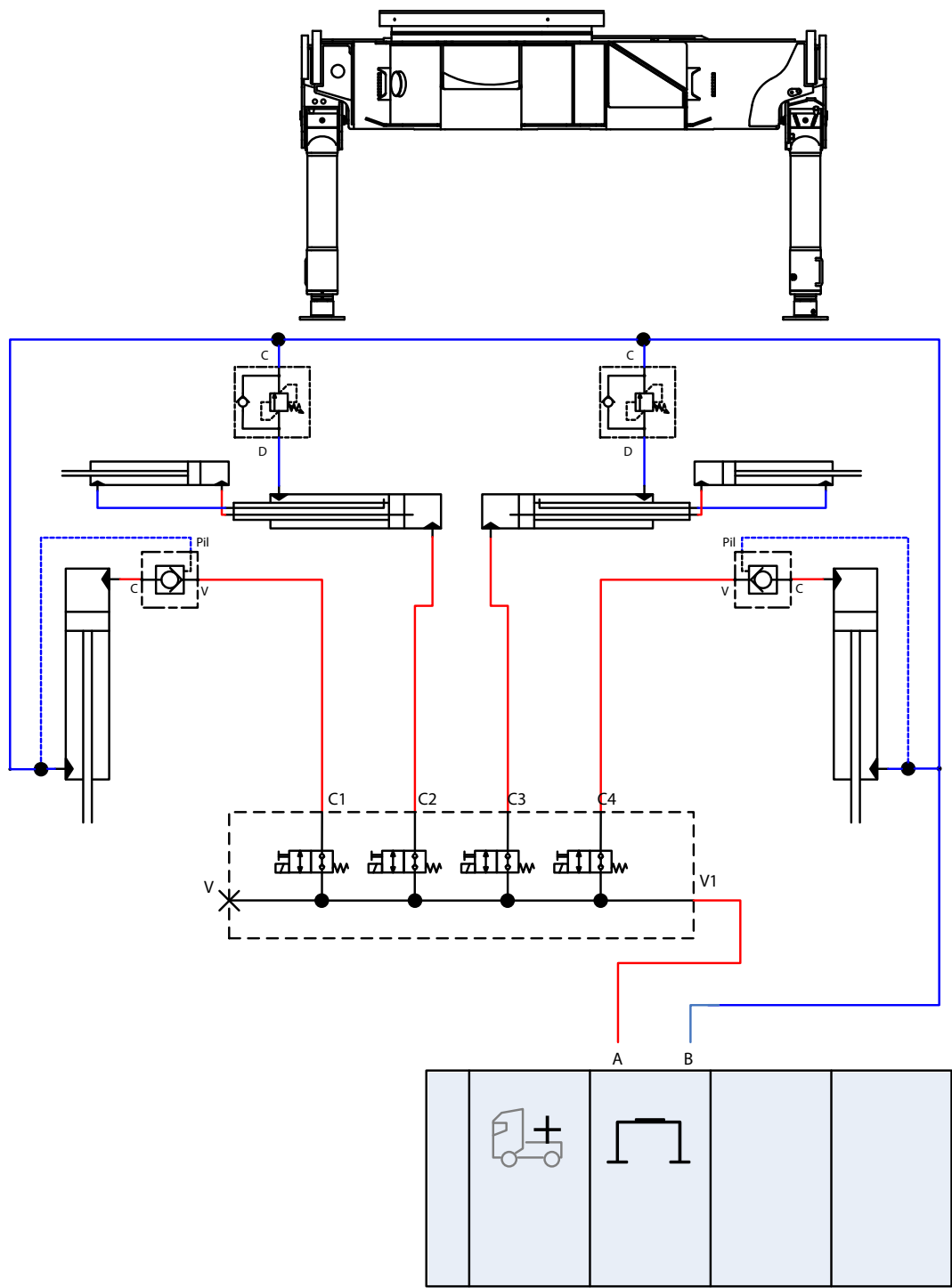
Hydraulic Diagram - Crane Functions Fly-Jib



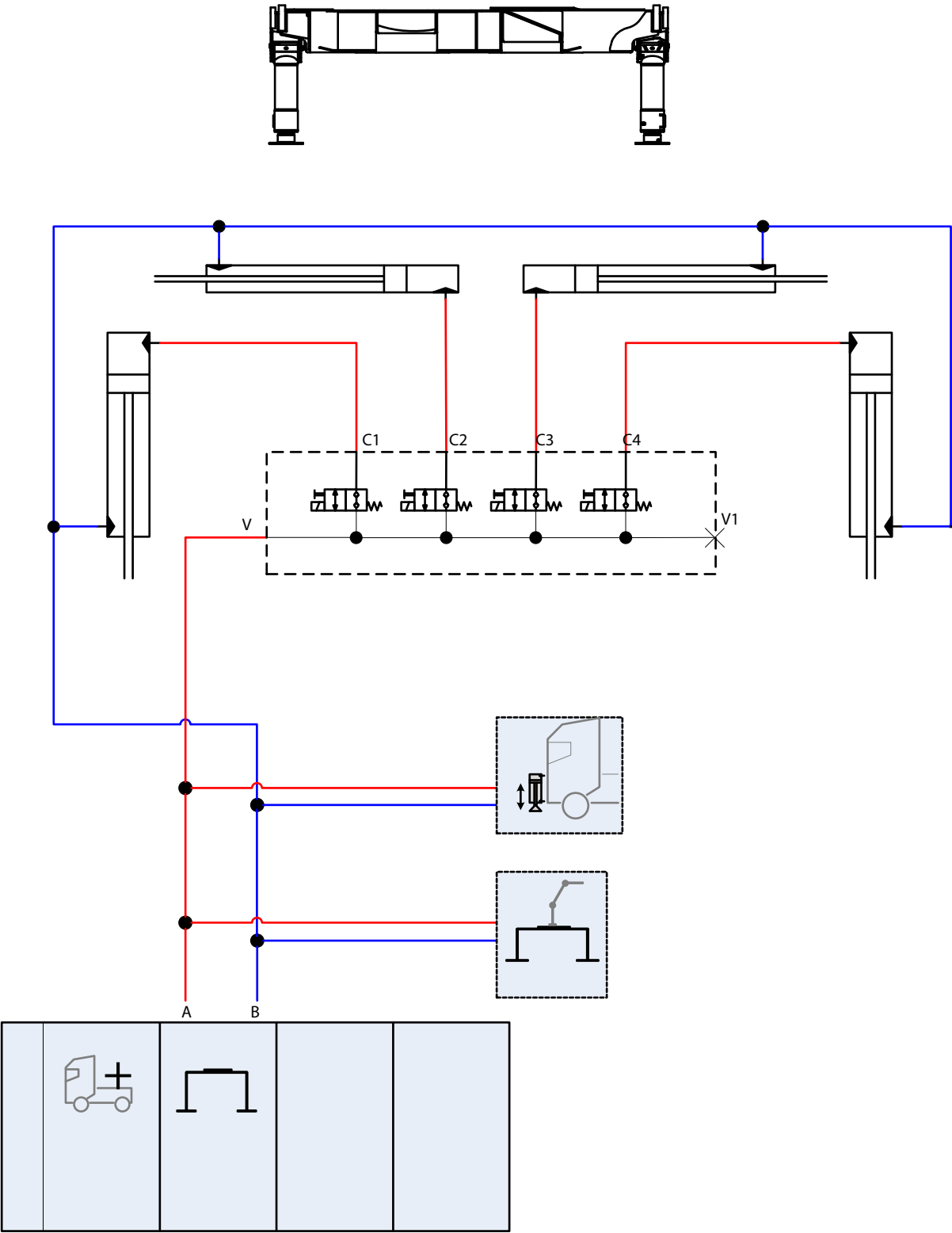
Hydraulic Diagram - Crane Functions Fly-Jib and Change-Over Valve



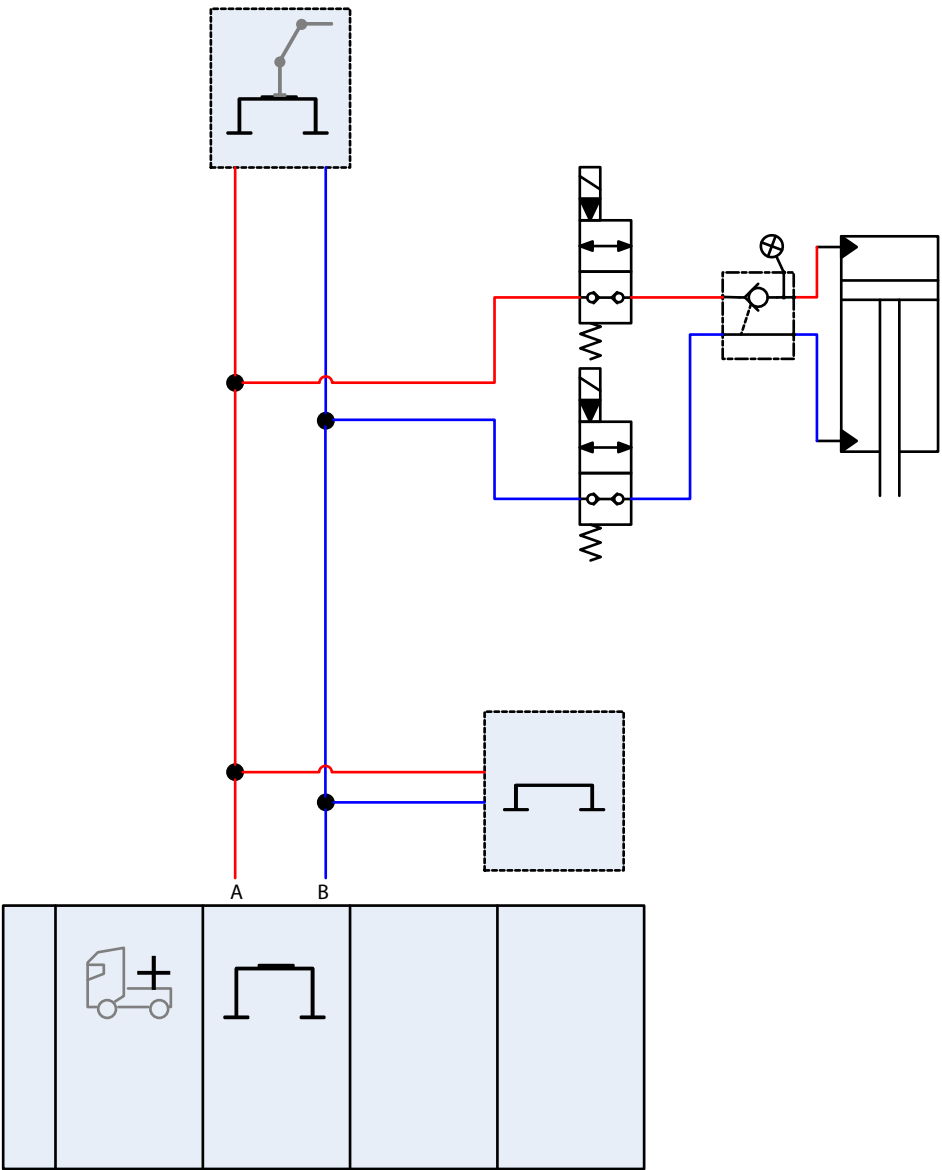
Hydraulic Diagram – Stabilizer Circuit Stabilizer Beam



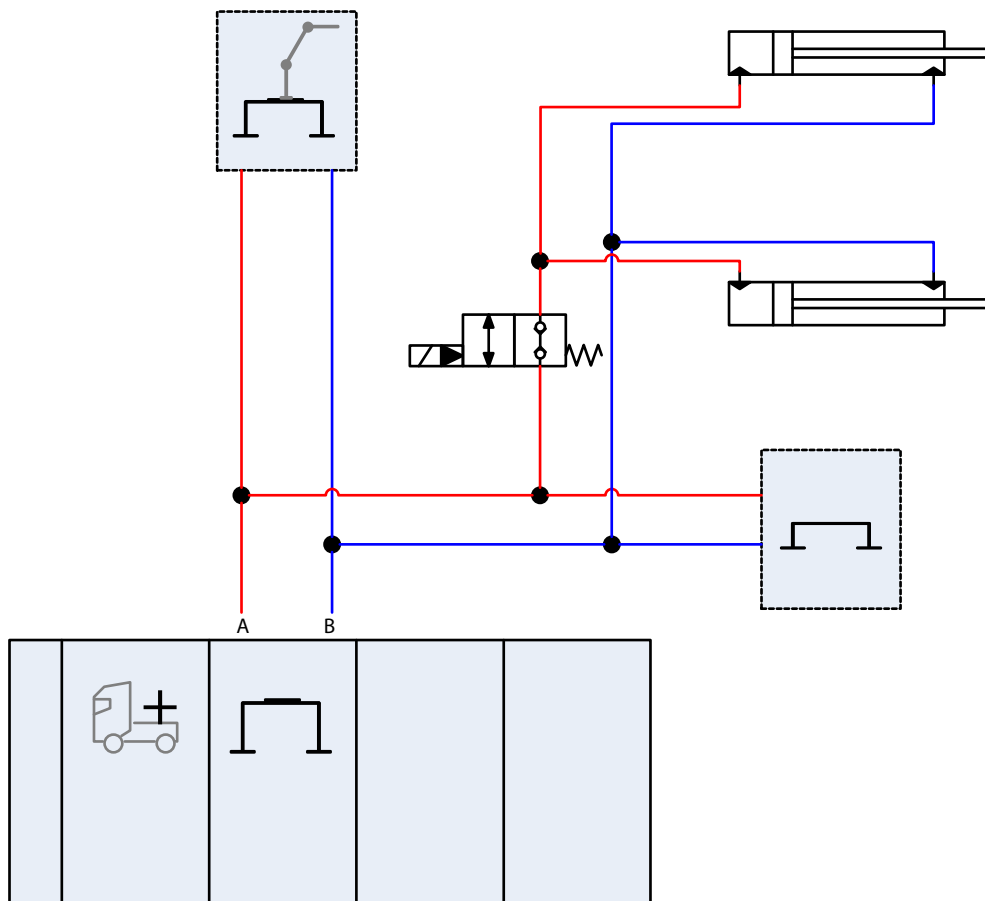
Hydraulic Diagram – Stabilizer Circuit Separate Traverse

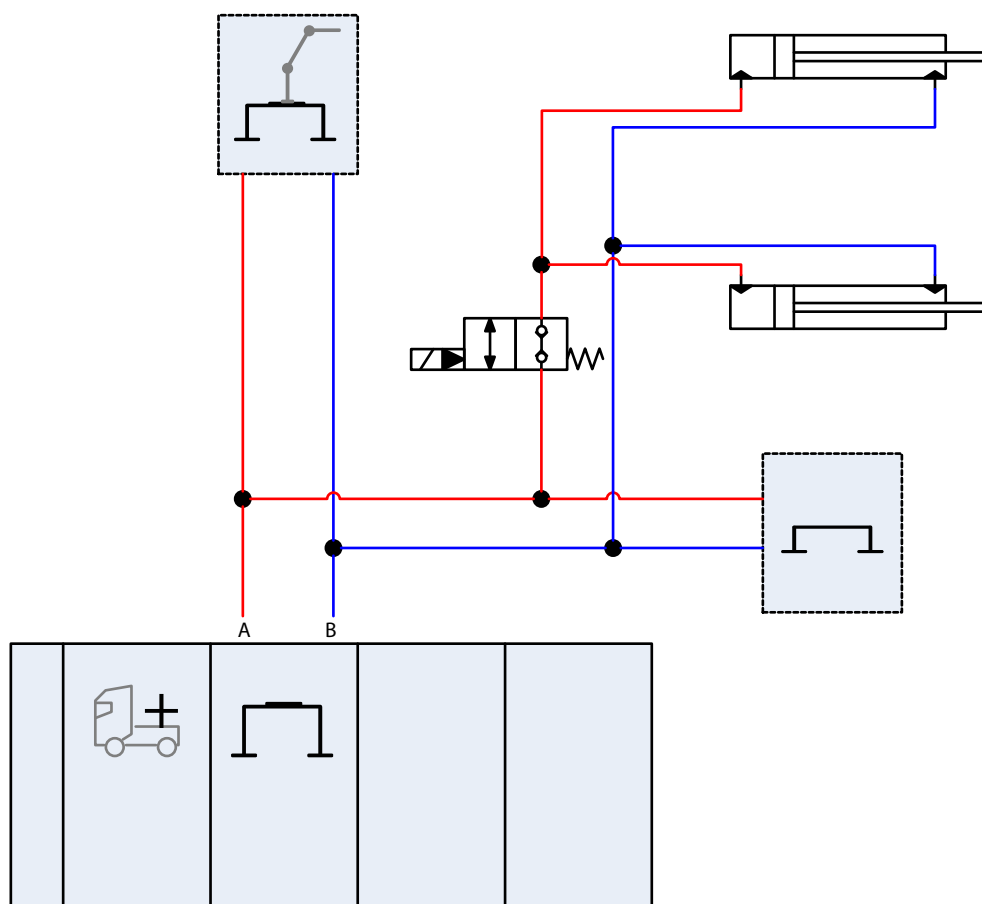


Hydraulic Diagram – Stabilizer Circuit Front Stabilizer Leg

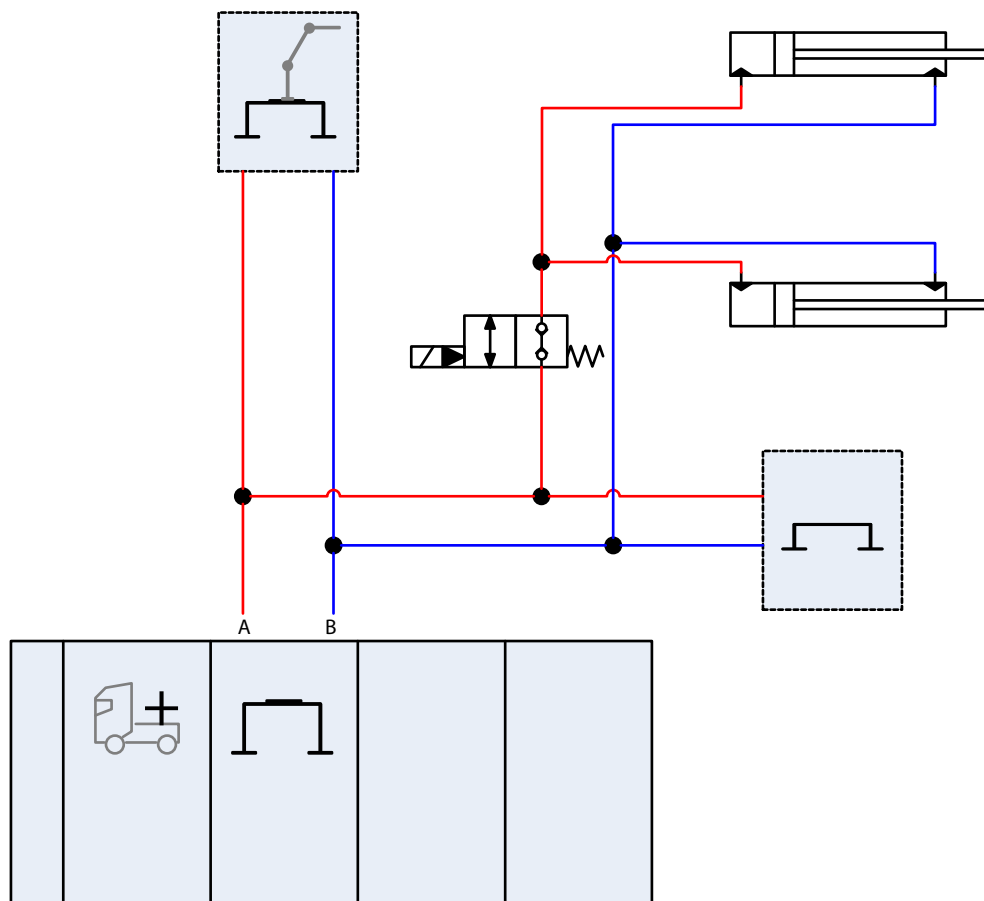


Hydraulic Diagram – Stabilizer Circuit – Available functions Example: Extensible Rear End

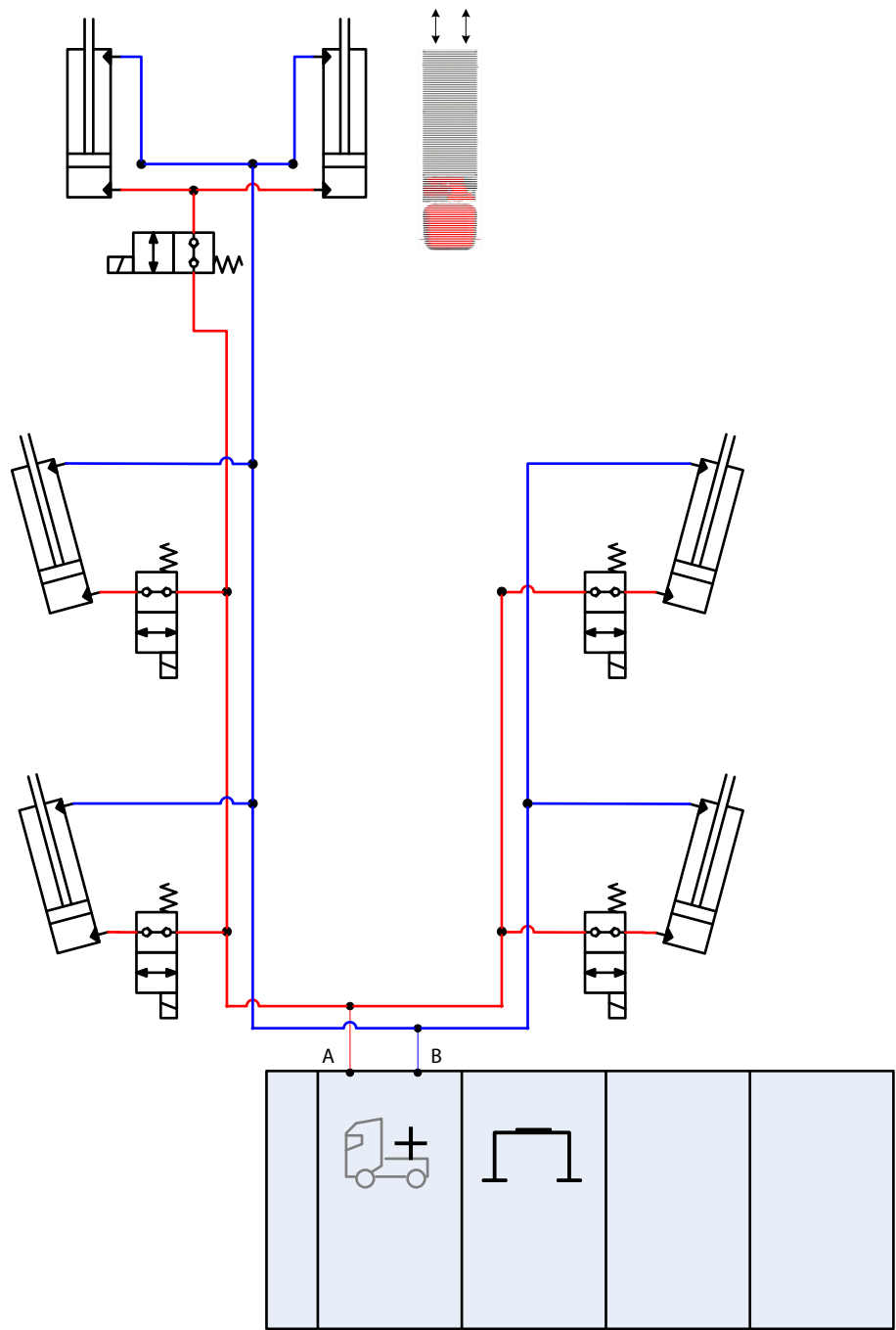


EXTENSIBLE REAR END, CONTINUED

Hydraulic Diagram – Stabilizer Circuit (available functions hydraulic opening and closing of the side panel)



Proportional Function for Installation Purposes: Boat Supports





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