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Manual # 99906906 REV A

41064 Technical Specifications

Revised 04-25-2025

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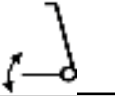
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Section - 1

Technical Specs

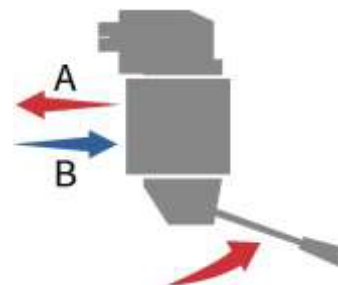
1. Pressure setting diagram

	Port	Port-relief valves [bar]	LS-pressure adjustment [bar]	Load-holding valve, opening pressure [bar]		
Relief valve, crane			400	-		
		A	175	145	195	C1-V1
		B	175	145	195	C1-V2
		B	380	365	380	C1-V1
		A	175	95	-	C1-V1
		B	380	365	380	C1-V1
		A	190	125	210	C1-V1
		A	-	300	210	C1-V1
		B	-	300	410	C1-V1
		A	-	175*	-	
		B	-	175*	-	
		A	-	200*	-	
		B	-	200*	-	

* Can be adjusted individually.

Stabilizer circuit

	LS-pressure adjustment [bar]
RC stabilizer circuit, supply [bar]	150
MC stabilizer valve, relief valve [bar]	150



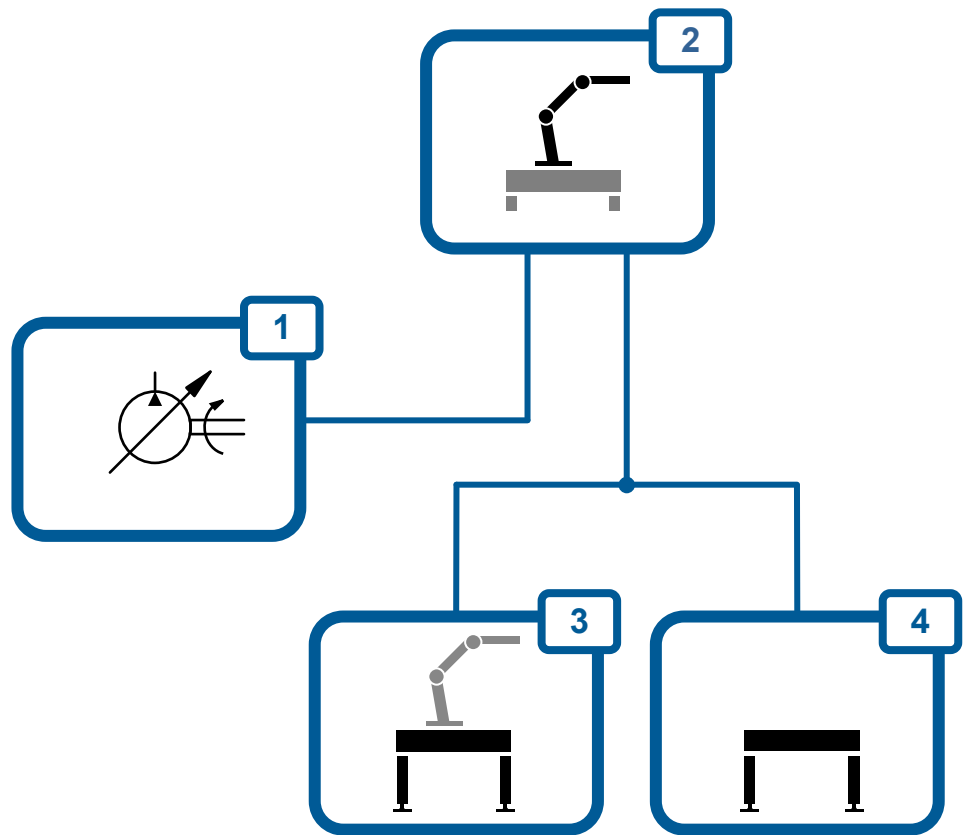
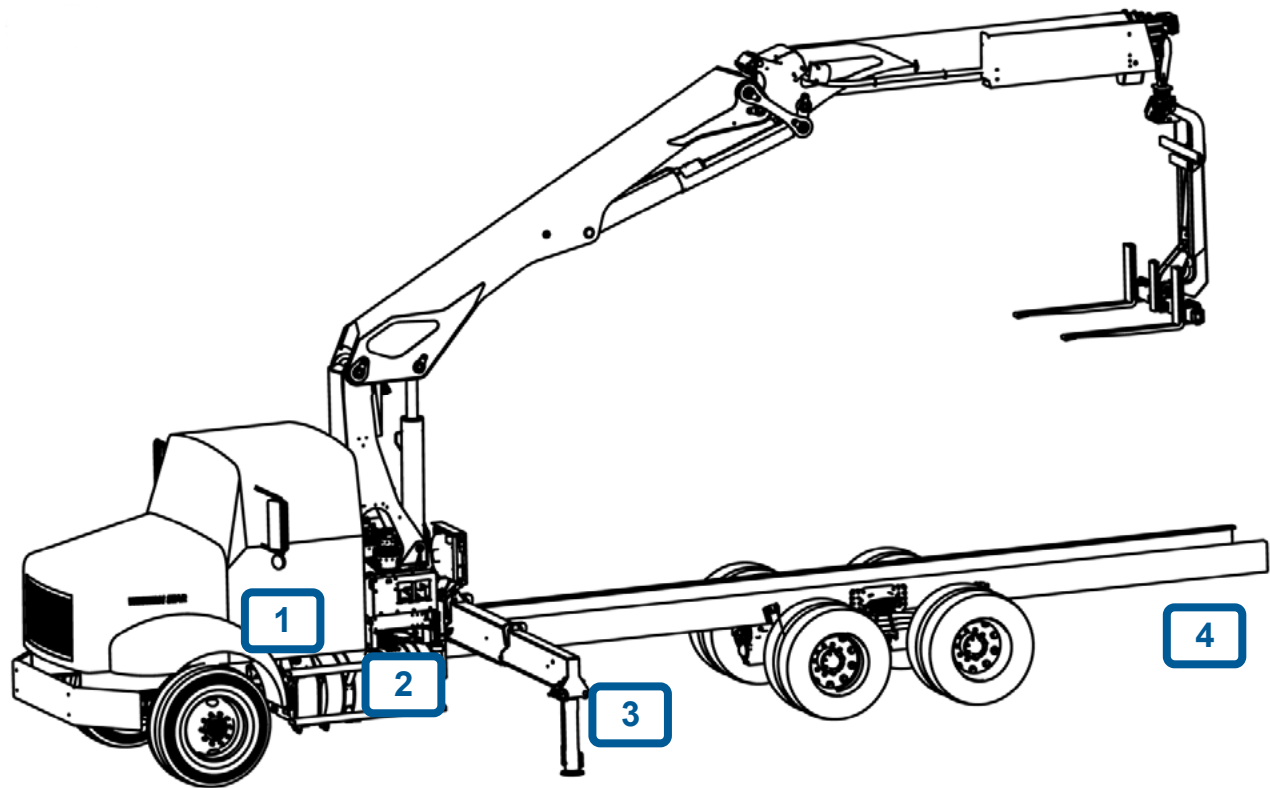
Max. recommended pump performance

Choice of pump kit	Variable flow
Oil capacity [L/min]	100-125
Pressure [bar]	365-380

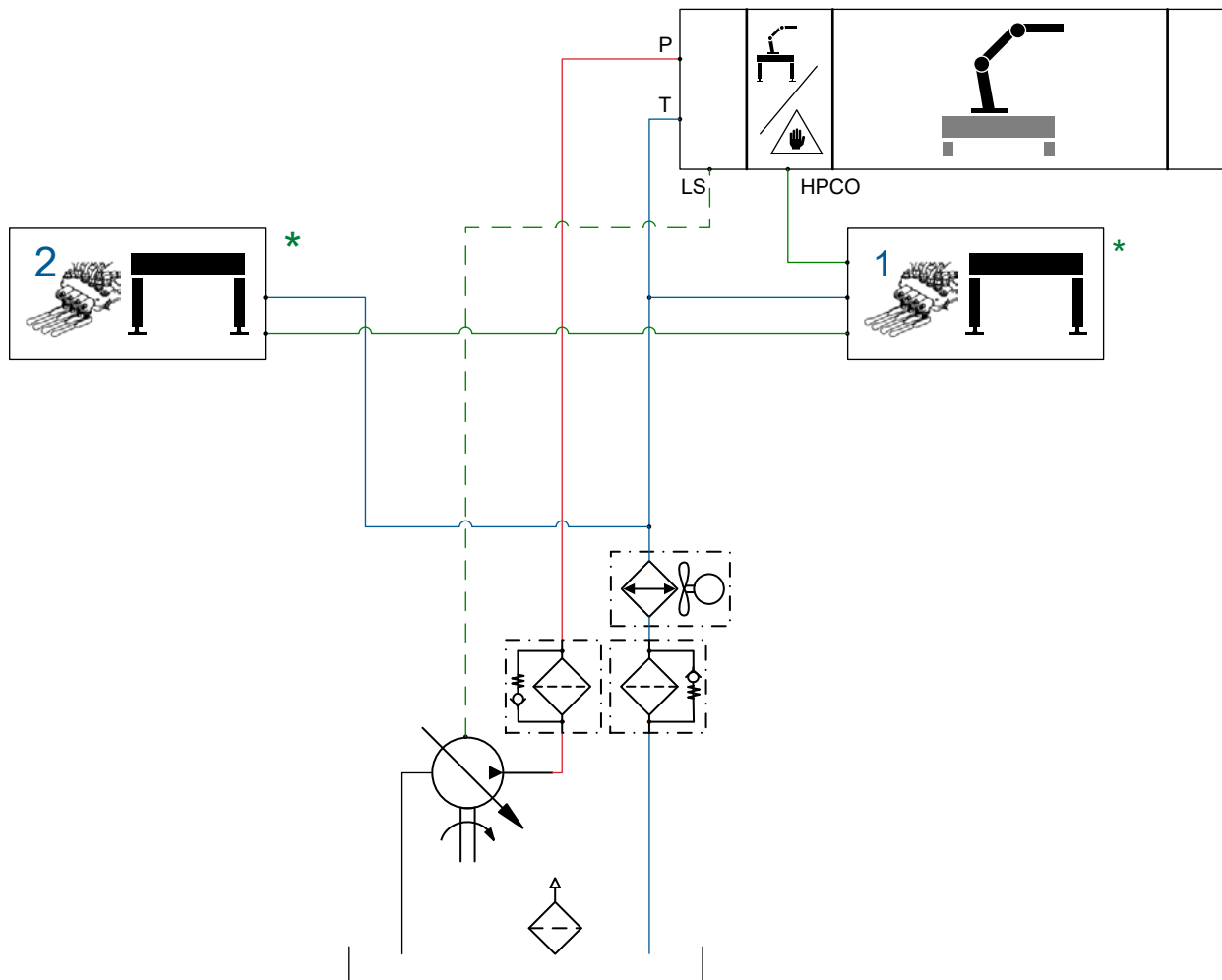
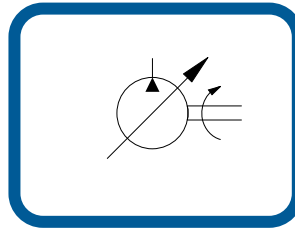
Pressure setting in RCL

Load moment limitation (LMB) [bar]	100-125
HDL [bar]	365-380

2. Overview

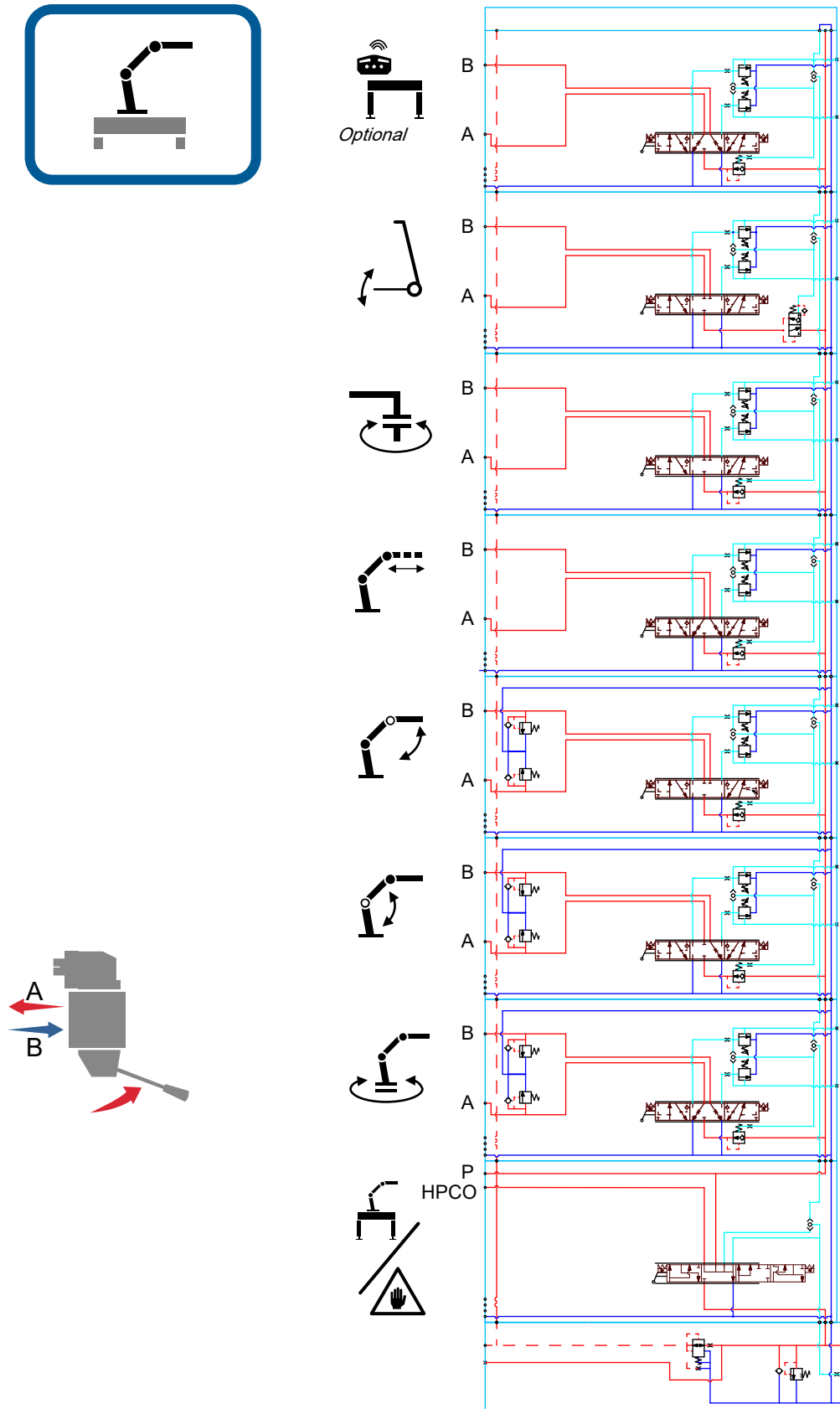


3. Hydraulic Diagram – Supply Variable flow pump, manual stabilizer control

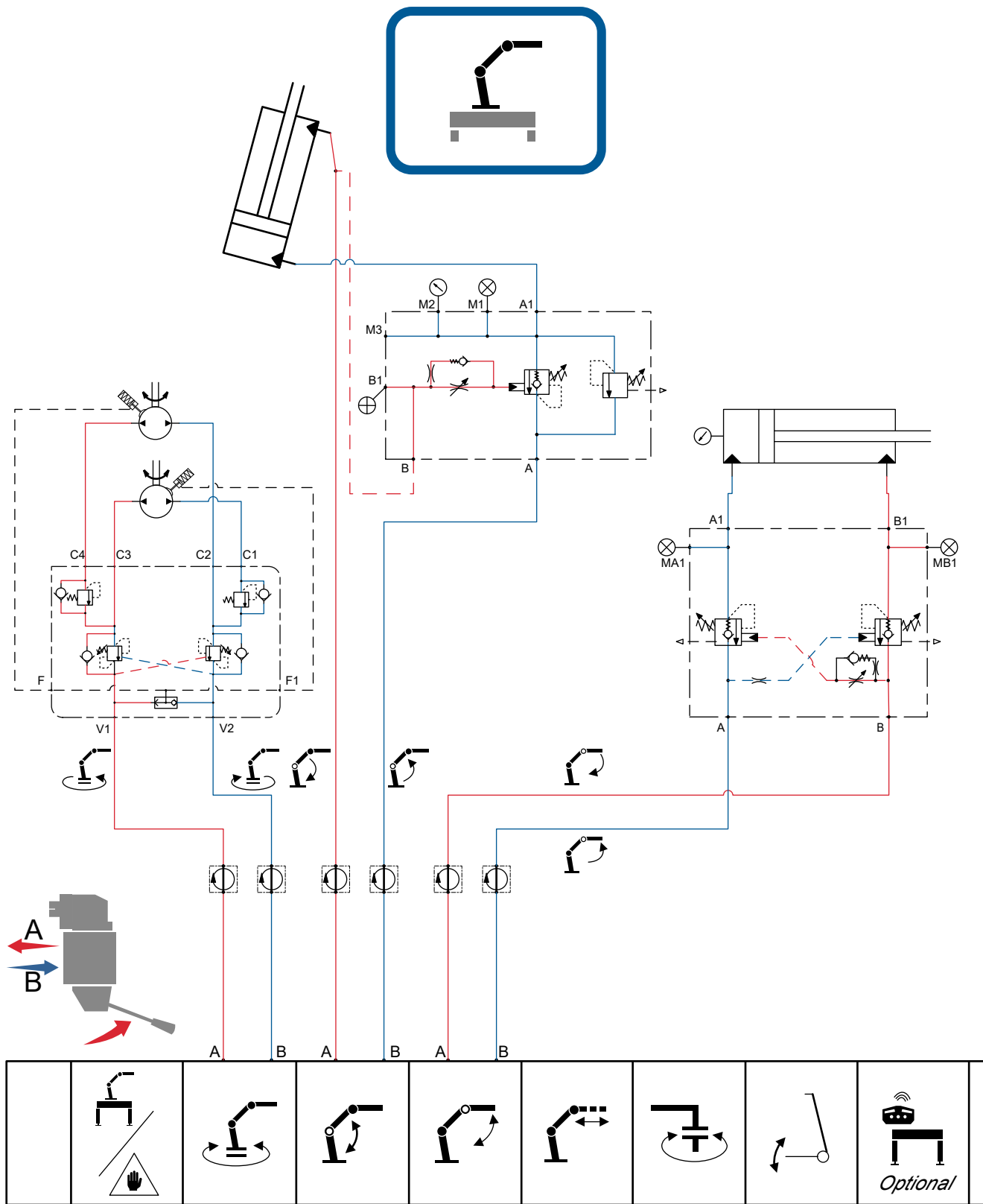


* *Optional*

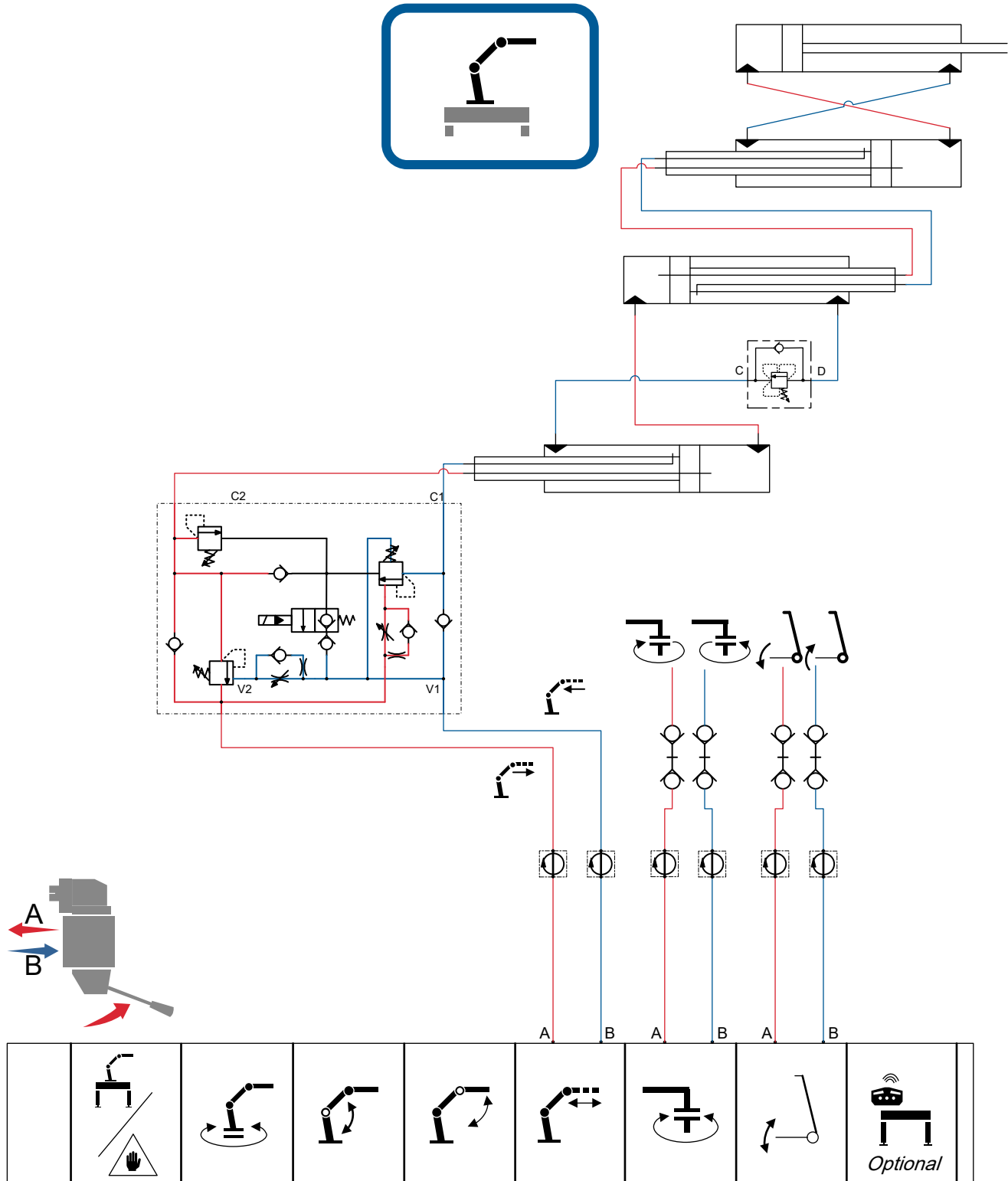
4. Hydraulic Diagram – Control valve



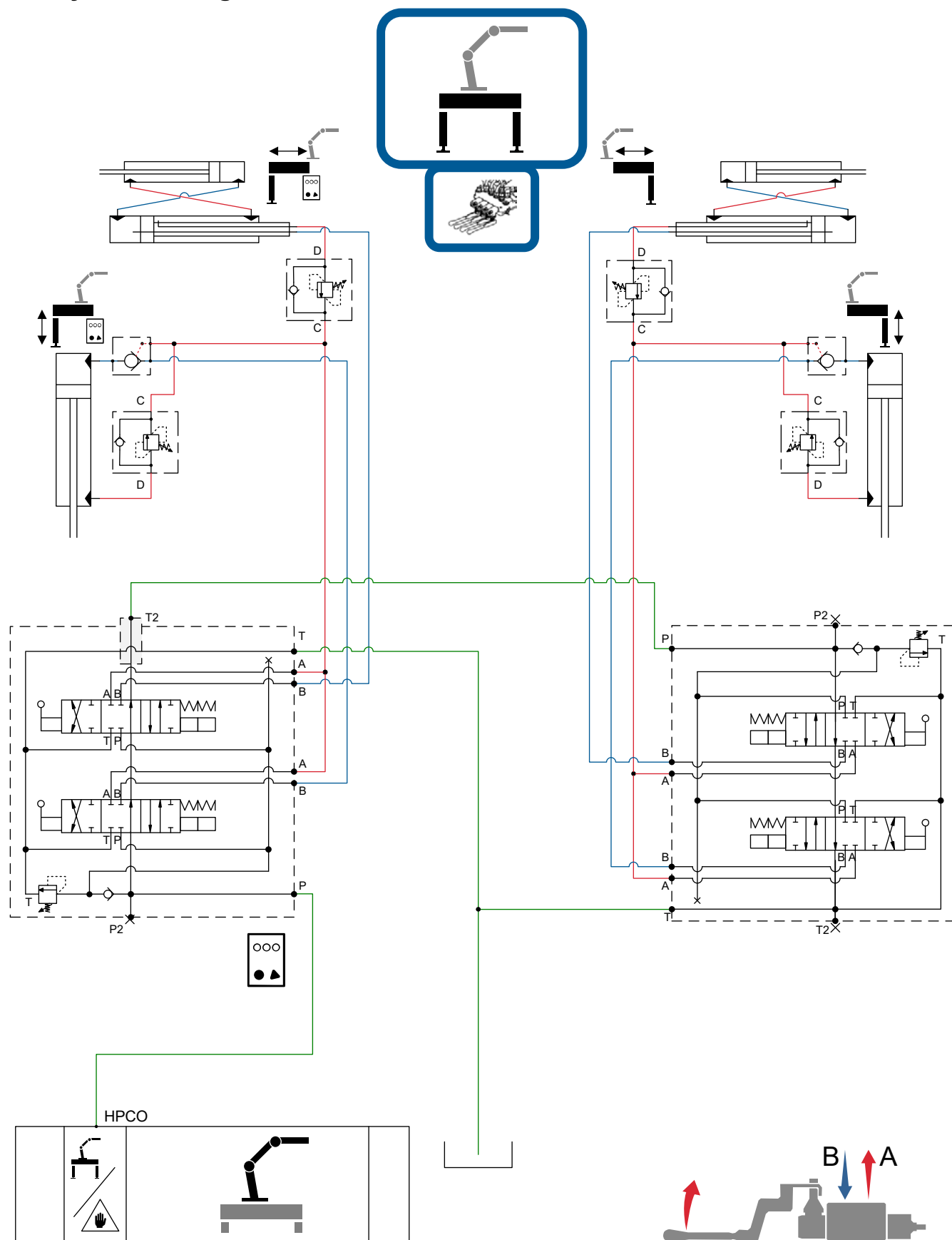
5. Hydraulic Diagram – Crane functions Slew, boom, and jib



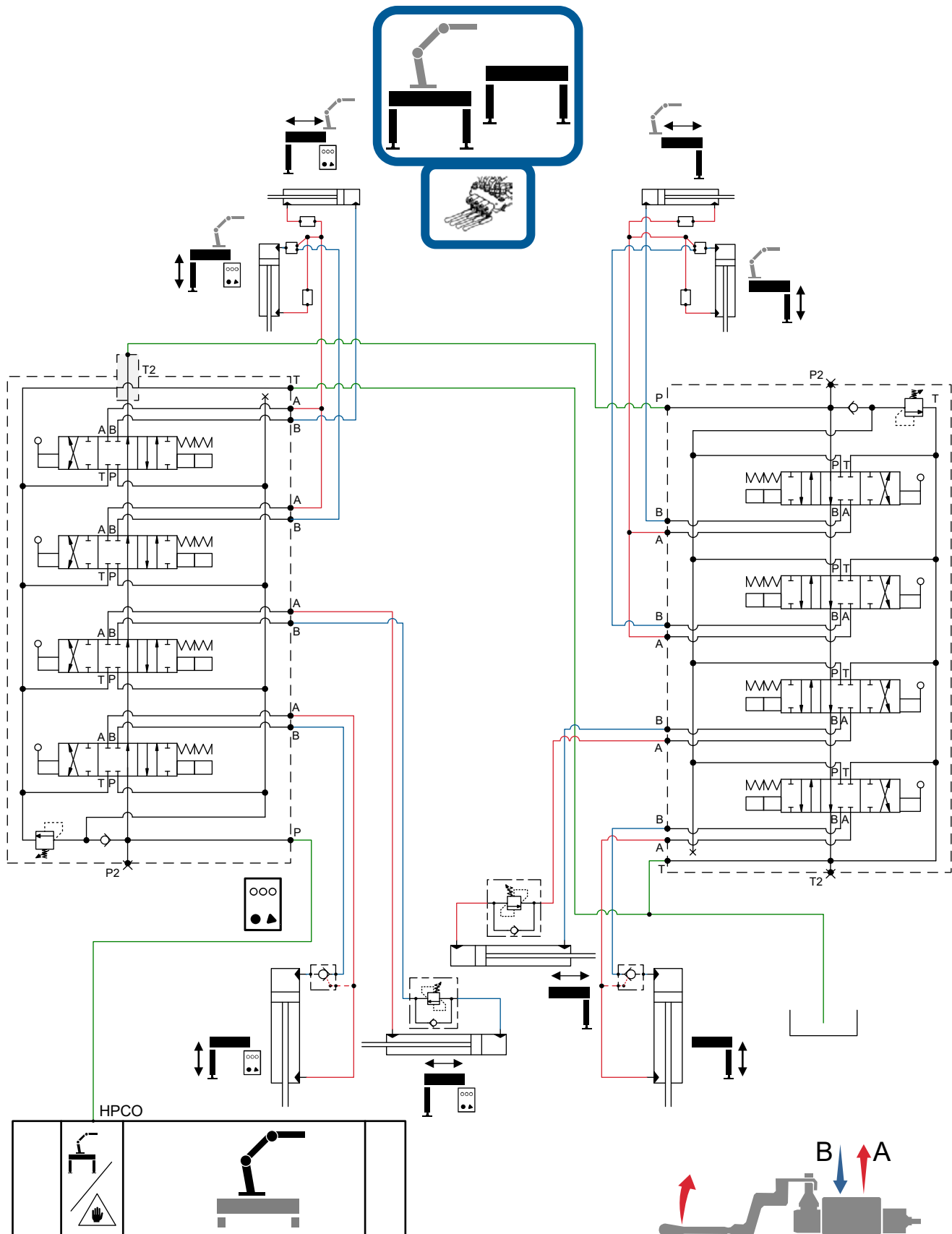
6. Hydraulic Diagram – Crane functions



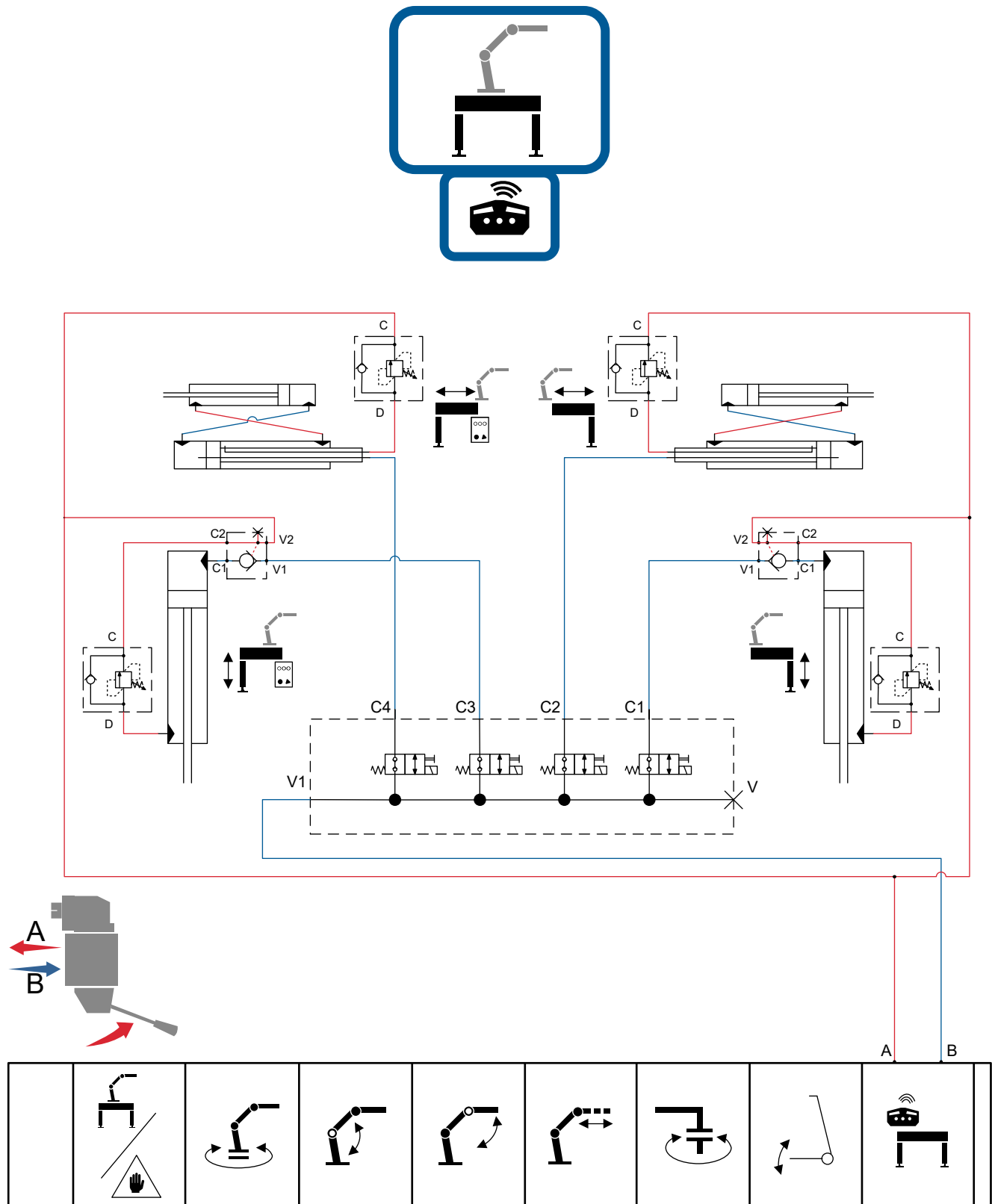
7. Hydraulic diagram – Stabilizer circuit Stabilizer beam, manual control



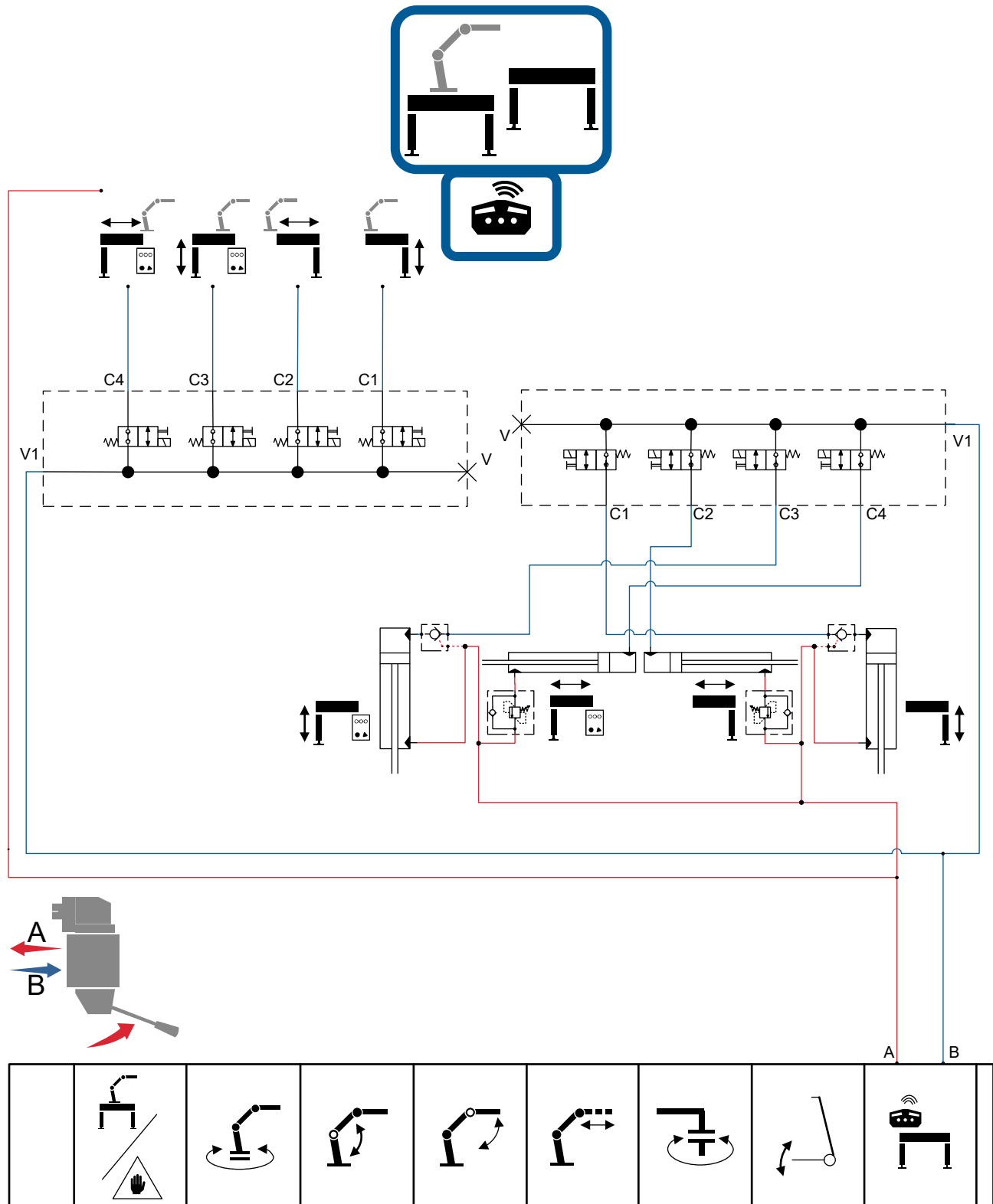
8. Hydraulic diagram – Stabilizer circuit Extra stabilizer beam, manual control



9. Hydraulic diagram – Stabilizer circuit Stabilizer beam, remote control



10. Hydraulic diagram – Stabilizer circuit Extra stabilizer beam, remote control



Section - 2

Service Information

1. Technical Data

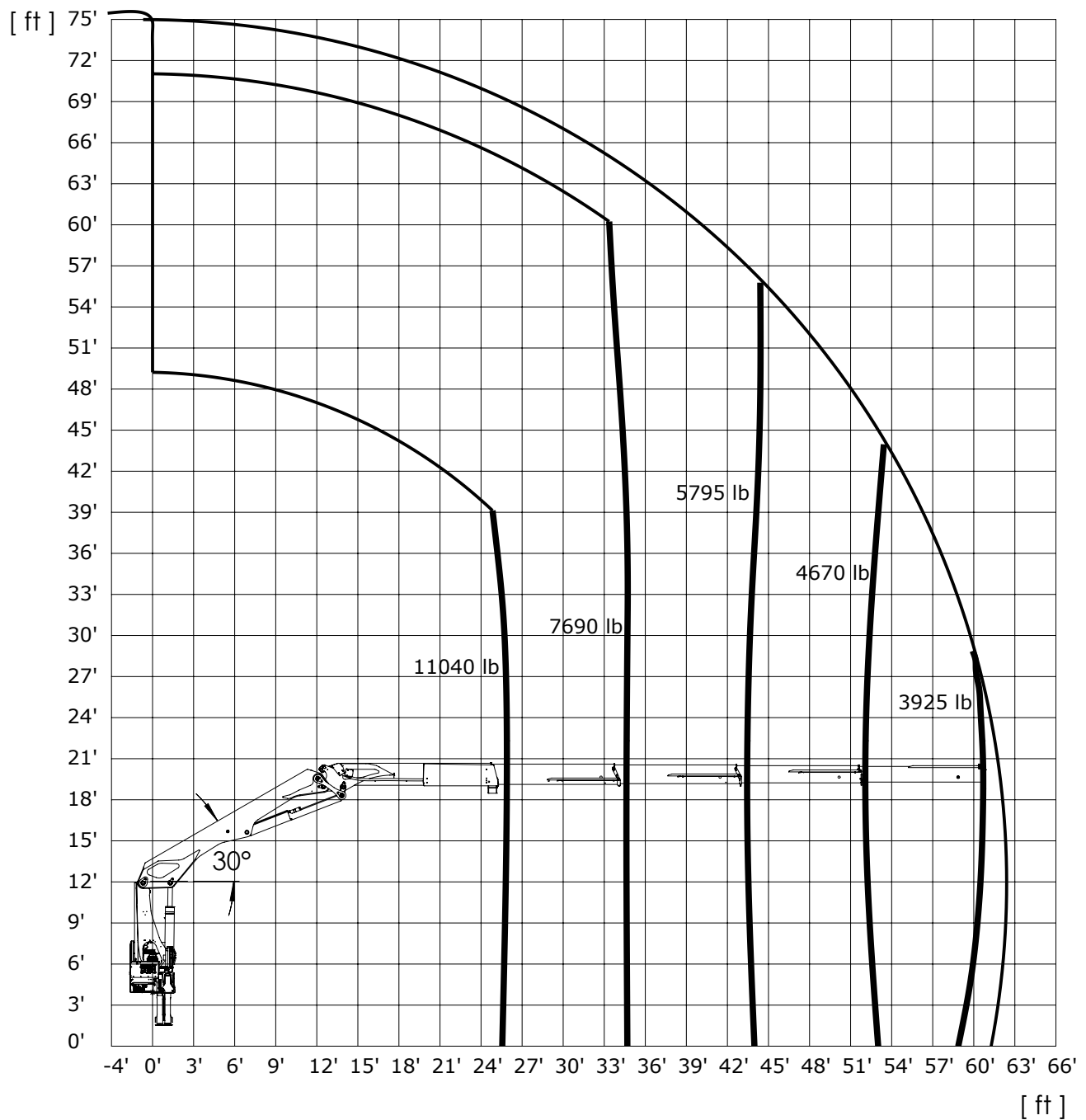
Specifications

	IMPERIAL				METRIC			
LOAD MOMENT	lb/ft		285.913		tm		39.5	
STATIC MOMENT	lb/ft		373.947		tm		51.7	
DYNAMIC MOMENT	lb/ft		399.986		tm		55.3	
HORIZONTAL REACH	ft&in		62'5"		tm		19.02	
VERTICAL REACH	ft&in		75'1"		tm		22.88	
LIFTING CAPACITY, HORIZONTAL	lbs	ft&in	11045	25'11"	kg	m	5010	7.89
	lbs	ft&in	7694	34'7"	kg	m	3490	10.54
	lbs	ft&in	5798	43'3"	kg	m	2630	13.19
	lbs	ft&in	4663	51'12"	kg	m	2115	15.84
	lbs	ft&in	3925	60'8"	kg	m	1780	18.49
MAX. LIFTING CAPACITY	lbs		11.045		kg		5010	
HYDRAULIC EXTENSION	ft&in		34'9"		m		10.6	
CARNE STORAGE HEIGHT	ft&in		9'3"		m		2.82	
MOUNTING SPACE	in		42"		m		1.07	
ROTATIONAL TORQUE	lb/ft		48.678		tm		6.73	
ROTATION	° (deg)		470°		° (deg)		470°	
OPTIMUM PUMP CAPACITY	ft&in		32		l/min		120	

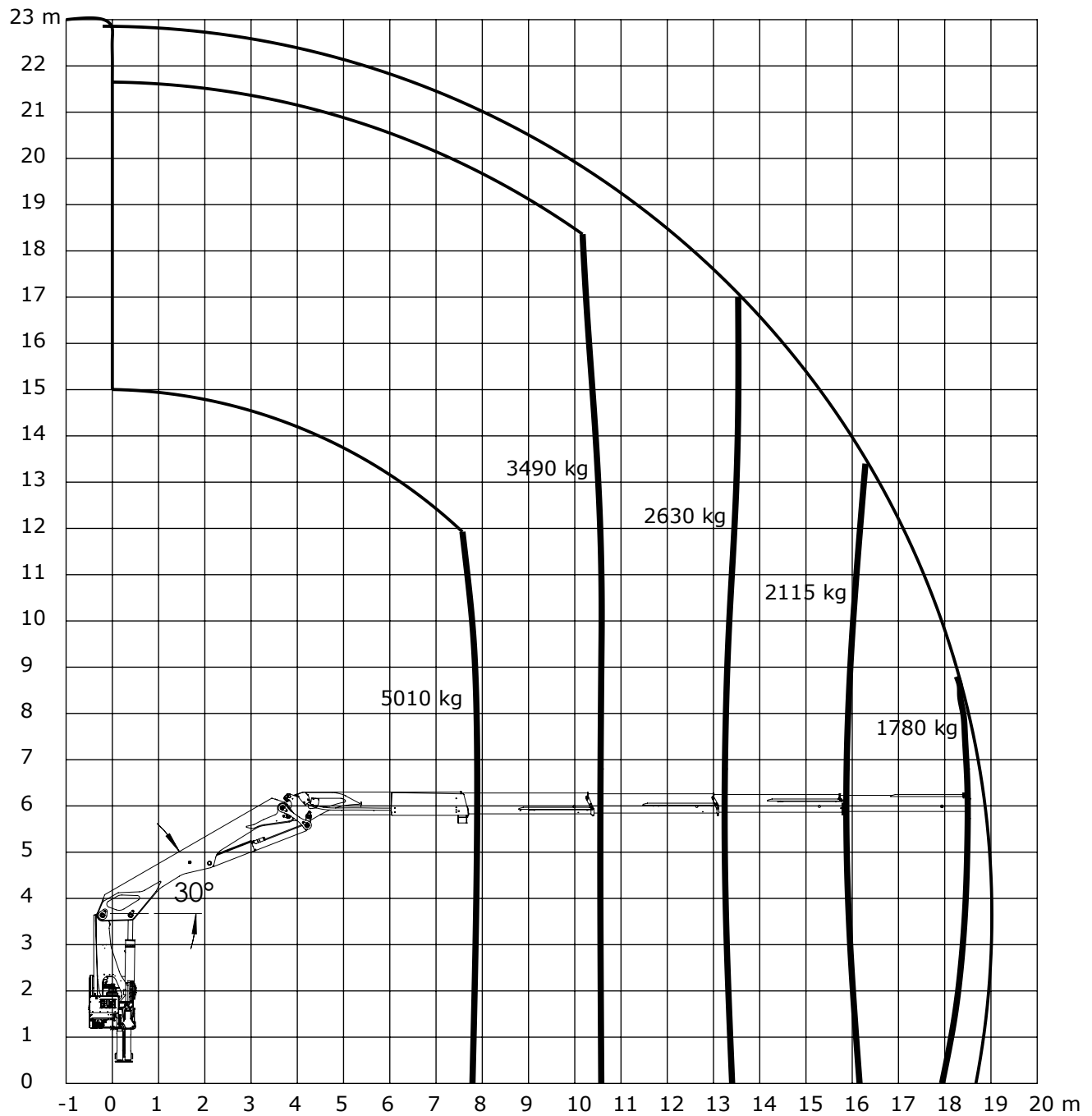
WEIGHTS	IMPERIAL		METRIC	
CRANE (EXCLUSIVE OIL)	lbs	11.762	kg	5.265
MOUNTING KIT 8 BOLTS	lbs	176	kg	80
OIL TOTAL	lbs	112	kg	180

1) Weighths ±5% due to tolerances on the plate thickness

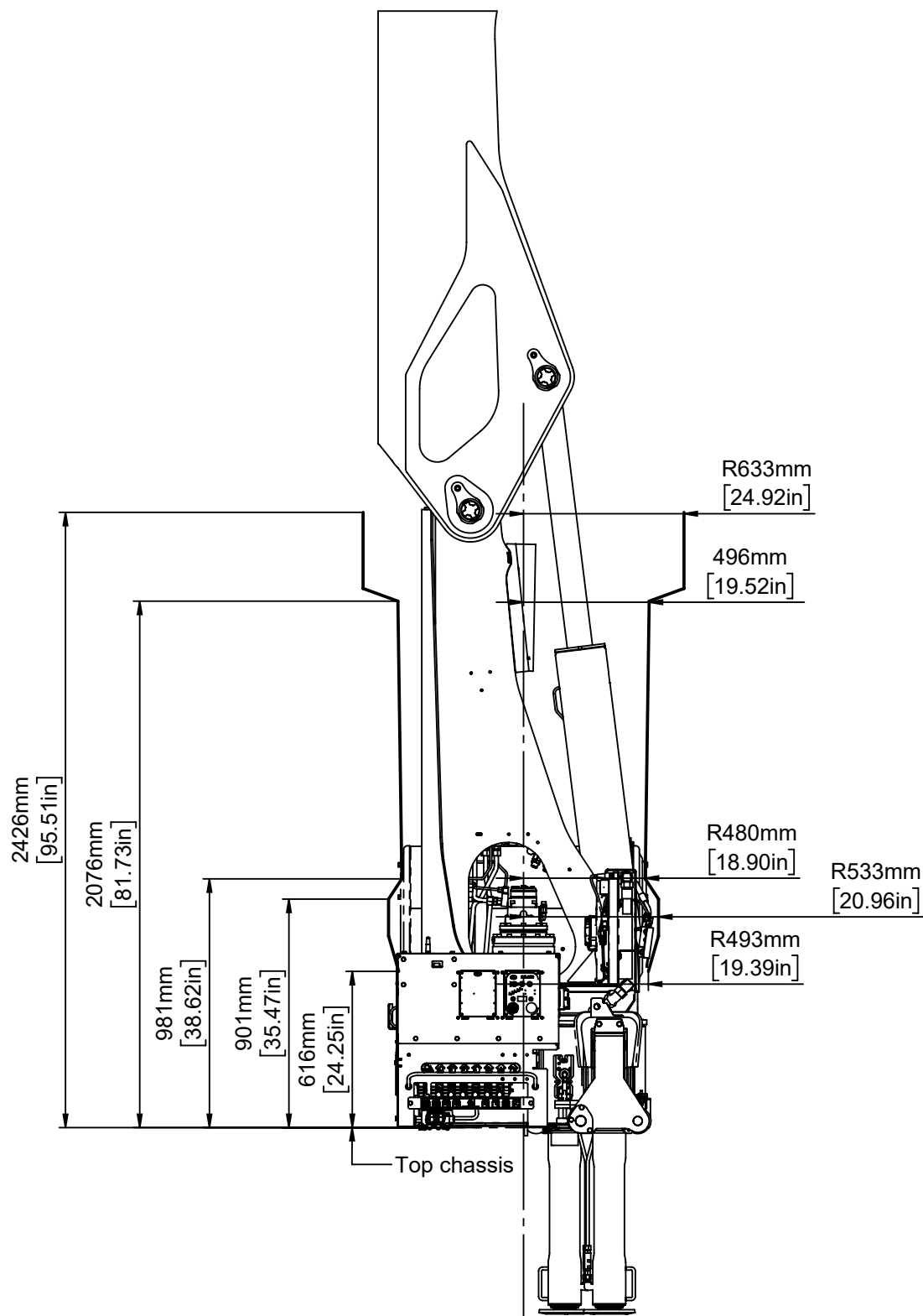
2. Lifting capacity diagram, K4 (Imperial)



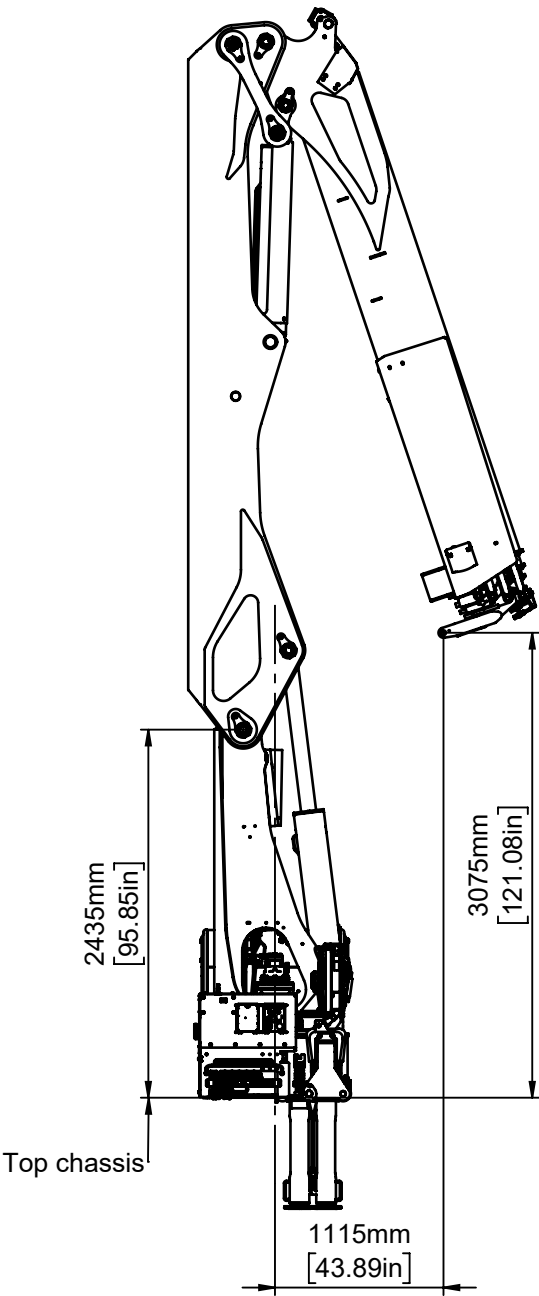
3. Lifting capacity diagram, K4 (Metric)



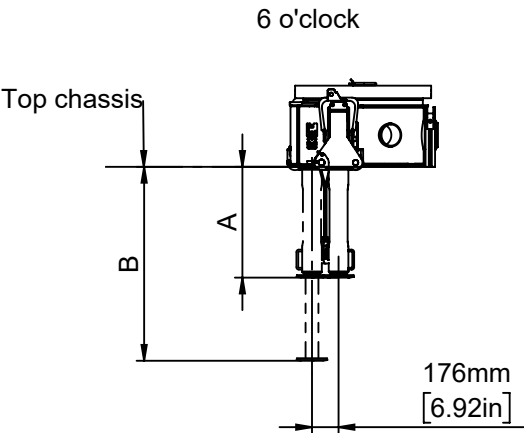
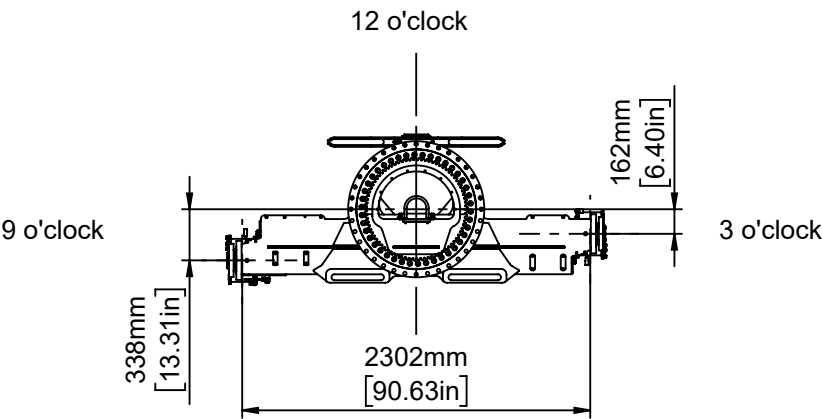
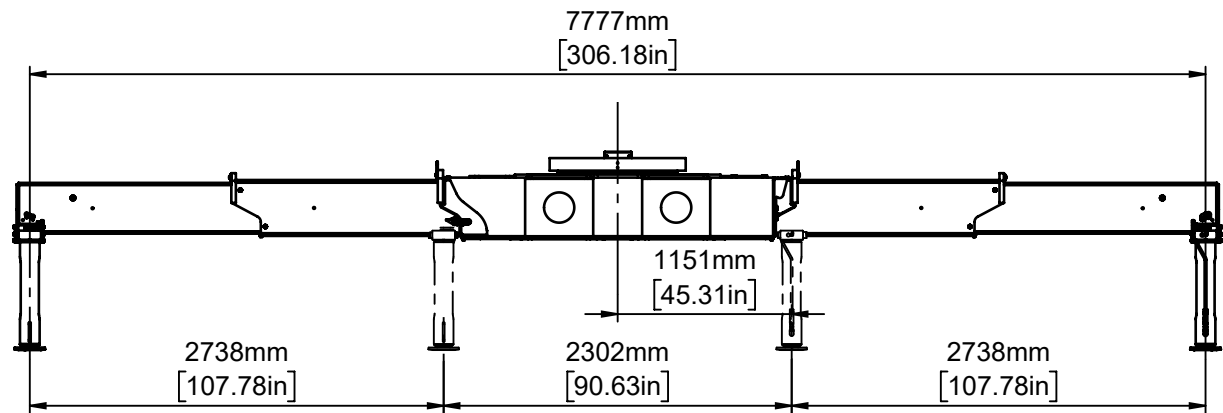
5. Slewing radius



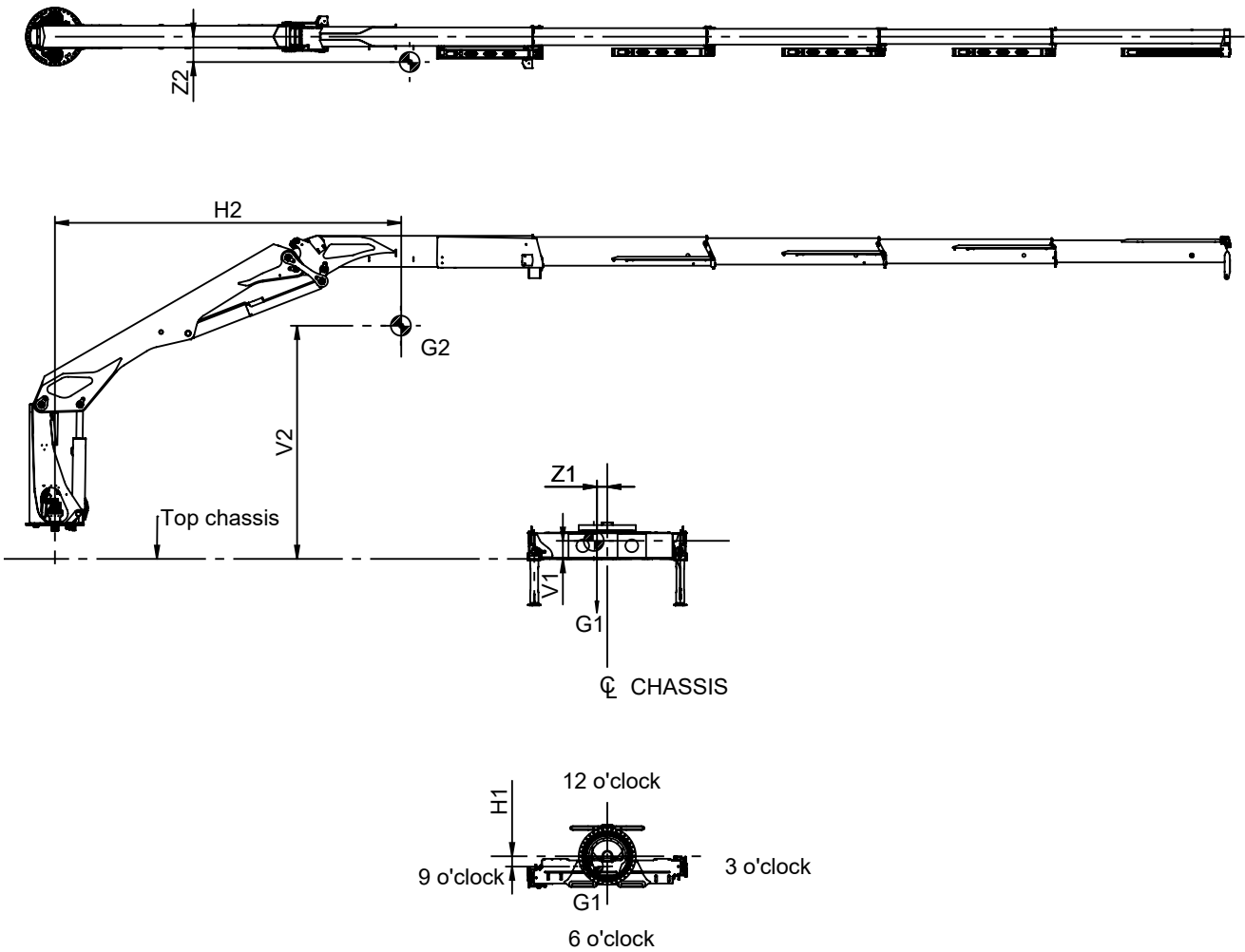
6. Lifting height at column

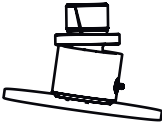


7. Dimension sketch, stabilizer legs

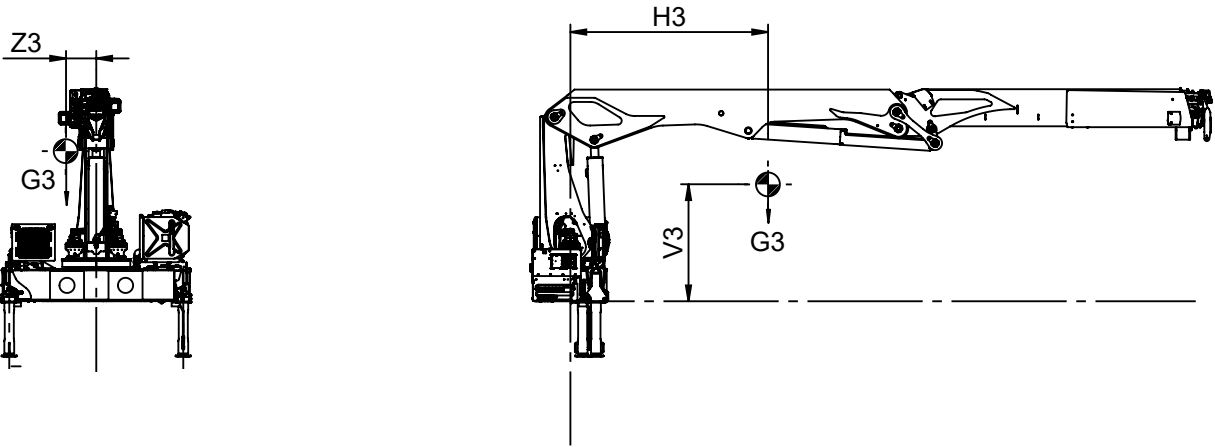
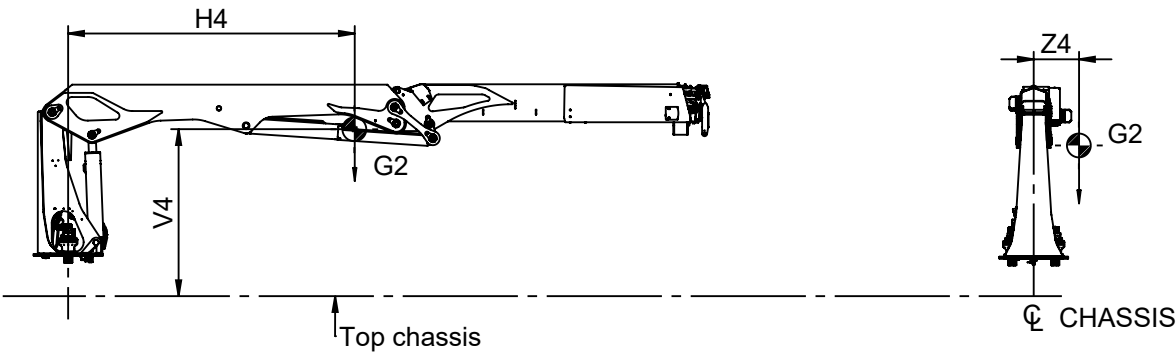


8. Centres of gravity



				
	in	mm	in	mm
A	28.9	733	32.3	820
B	50.5	1283	53.9	1370

9. Centres of gravity page 2



Imperial														
in	in	in	lbs	in	in	in	lbs	in	in	in	lbs	in	in	in
H1	V1	Z1	G1	H2	V2	Z2	G2	H3	V3	Z3	G3	H4	V4	Z4
4.5	5.0	0.4	4175	219.6	147.7	0.2	7506	103	60.9	0.3	11984	152.8	86.9	0.2
Metric														
mm	mm	mm	kg	mm	mm	mm	kg	mm	mm	mm	kg	mm	mm	mm
115	128	11	1894	5577	3752	5	3542	2615	1548	7	5436	3882	2208	5



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