

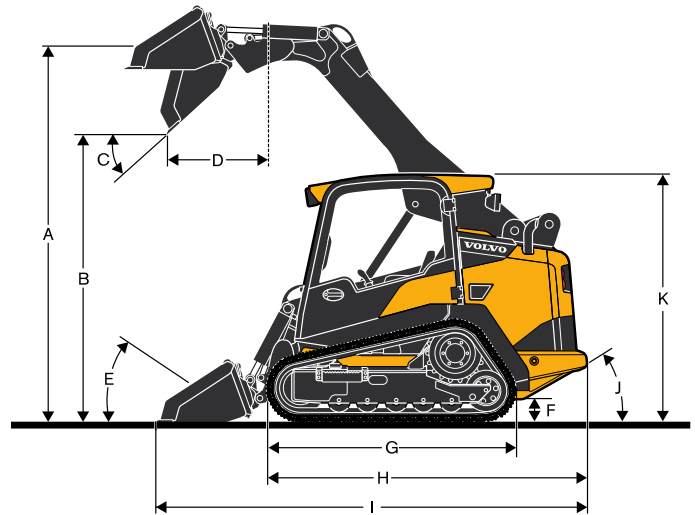
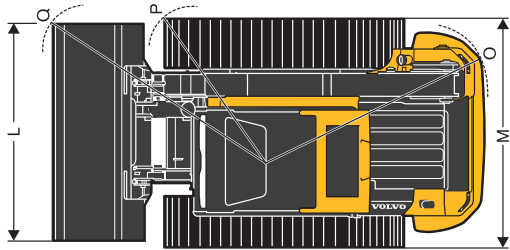
Volvo C series compact track loaders



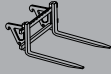
Description	Units		MCT125C		MCT135C	
Engine						
Model			TCAE - 55		TCAE - 55	
Cylinders			4		4	
Fuel type			Diesel		Diesel	
Displacement	cm ³	in ³	4 399	268	4 399	268
Aspiration			Turbo		Turbo	
Cooling system			Water		Water	
Horsepower						
SAE gross power	kW	hp	55	74	55	74
SAE net power	kW	hp	54.5	72.6	54.5	72.6
@ engine speed	@ rpm		2,200		2,200	
Max. gross torque	Nm	lb-ft	400	295	400	295
@ engine speed	@ rpm		1,200		1,200	
Max. no load speed	rpm		2,450		2,450	
Electrical system						
Battery	V - Ah		12 - 109		12 - 109	
Alternator	Ah		95		95	
Starter	hp / kW		4.2	5.63	4.2	5.63
Drivetrain						
Tracks standard	mm	in	320	12.6"	450	17.7"
Ground pressure with standard tracks	kPa		44.6		33.1	
Tracks optional	mm	in	450	17.7"		
Ground pressure with optional tracks	kPa		31.7			
Hydraulics system-loader						
Std hydraulic pump output flow @ rated rpm	lpm	gpm	90	24	90	24
High flow pump output @ rated rpm	lpm	gpm	125	33	125	33
Engine speed	@ rpm		2,450		2,450	
System pressure	bar	psi	230	3,335	230	3,335
Service capacities						
Cooling system	l	US gal	15.5	4.1	15.5	4.1
Engine crankcase with filter, change	l	qt	15	15.9	15	15.9
Fuel tank	l	US gal	103	27.2	103	27.2
Hydraulic system - total capacity	l	US gal	60	15.9	60	15.9
Hydraulic reservoir capacity	l	US gal	26	6.9	26	6.9
Performance						
Lift arm path			Vertical		Vertical	
Rated operating capacity at 35%*	kg	lbs	1 179	2,600	1 361	3,000
Rated operating capacity at 50%	kg	lbs	1 812	3,995	1 957	4,314
Tipping capacity (SAE)	kg	lbs	3 624	7,991	3 913	8,628
Operating weight (SAE)	kg	lbs	4 879	10,756	5120	11,827
Breakout force, lift	kg	lbs	2 634	5,809	2 634	5,809
Breakout force, curl	kg	lbs	3 260	7,187	3 260	7,187
Maximum travel speed						
Single speed	km/h	mph	9.2	5.7	9.2	5.7
Two speed	km/h	mph	7.7 / 12.6	4.8 / 7.8	7.7 / 12.6	4.8 / 7.8
Cycle time						
Raise (lifting)	seconds		5.1		5.1	
Lower (power down)	seconds		3.5		3.5	
Curl	seconds		1.4		1.7	
Dump	seconds		1.8		2.3	


*Operating capacity for compact track loaders is according to SAE J818

in detail.



Description	Units		MCT125C		MCT135C	
A Height to hinge pin	mm	in	3 180	125.2	3 180	125.2
B Dump height	mm	in	2 420	95.3	2 390	94.1
C Dump angle		°		42		42
D Dump reach	mm	in	870	34.3	900	35.4
E Roll back angle		°		30		30
F Ground clearance	mm	in	248	9.8	248	9.8
G Wheelbase	mm	in	2 100	82.7	2 100	82.7
H Overall length (L/bucket)	mm	in	2 940	115.7	3 030	119.3
I Overall length (W/bucket)	mm	in	3 690	145.3	3 780	148.8
J Angle of departure		°		28.7		28.7
K Overall height	mm	in	2 080	81.9	2 080	81.9
L Bucket width	mm	in	1 980	78	2 130	83.9
M Over track width (L/bucket)	mm	in	1 980*	78*	1 980	78
O Turning radius rear	mm	in	1 760	69.3	1 760	69.3
P Turning radius front L/bucket	mm	in	1 480	58.3	1 480	58.3
Q Turning radius front W/bucket	mm	in	2 420	95.3	2 420	95.3

Pallet forks		Overall height		Overall width		Overall length		Adjustable tine spacing				Pallet fork rating		Overall weight	
		mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs	kg	lbs
MCT125C	PF-42	984	38.75	1 194	45.75	1 313	51.7	229	9	1 143	45	2 722	6,000	206	455
MCT135C	PF-48	984	38.75	1 194	45.75	1 466	57.7	229	9	1 143	45	2 722	6,000	218	480

Data according to bucket type	Bucket	Width		Length		Height		Weight		Heaped cap	
		mm	in	mm	in	mm	in	kg	lbs	m ³	cf ³
											
MCT125C MCT135C	General Purpose Bucket	1 981	78	800	31.5	521	20.5	246	543	0.47	16.5
	General Purpose Bucket	2 134	84	800	31.5	521	20.5	261	576	0.50	17.8
	Landscape Bucket	1 981	78	953	37.5	521	20.5	264	582	0.58	20.5
	Landscape Bucket	2 134	84	953	37.5	521	20.5	279	615	0.63	22.3
	Multi Purpose Bucket	1 981	78	953	37.5	701	27.6	382	842	0.61	21.7
	Multi Purpose Bucket	2 134	84	953	37.5	701	27.6	401	884	0.66	23.4

*320mm wide tracks

Equipment.

• = Standard ° = Optional	MCT85C	MCT10C	MCT125C	MCT135C
Engine				
4-cylinder, 16-valve, electronic common rail, liquid-cooled, direct-injection, turbocharged diesel engine	•	•	•	•
Meet US EPA-Tier 4f, EU-Stage IIIB	•	•	•	•
Self-cleaning, dual-element, air cleaner, including primary filter and safety element	•			
Self cleaning, triple stage air cleaner, including built-in pre-cleaner with active scavenging, primary filter and safety element		•	•	•
12-Volt heavy-duty starter	•	•	•	•
Alternator with internal regulator	•	•	•	•
Grid heater	•	•	•	•
Quick cycle engine preheat	•	•	•	•
Engine oil remote drain hose	•	•	•	•
High-capacity radiator	•	•	•	•
Top mounted, hydraulic oil cooler	•	•	•	•
Auto-idling	•	•	•	•
Reversible fan	°	°	°	°
Maintenance-free Diesel Oxidation Catalyst (DOC)	•			
Spark arrestor muffler	°	°	°	°
Engine block heater 110V	°	°	°	°
Engine block heater 240V	°	°	°	°
External pre-cleaner (cyclonic type)	°	°	°	°
Cab, canopy equipment				
Isolation mounted canopy, FOPS & ROPS, with low left-hand side door	•	•	•	•
Isolation mounted, heated fully glazed sealed and pressurized cab, FOPS & ROPS, washer/wiper and sliding left hand window	°	°	°	°
Isolation mounted, Air conditioned/heated fully glazed sealed and pressurized cab, FOPS & ROPS, washer/wiper and sliding left hand window	°	°	°	°
Right-hand laminated glass	•	•	•	•
Cab access step on undercarriage	•	•	•	•
Top window	•	•	•	•
In-cab rearview mirror	•	•	•	•
Interior light	•	•	•	•
Pod storage area	•	•	•	•
12-Volt power accessory outlet	•	•	•	•
Cup holder	•	•	•	•
Emergency exit through front windshield	•	•	•	•
Radio with Aux. In	°	°	°	°
In-cab fuse panel	•	•	•	•
In-cab analog hourmeter	°	°	°	°

• = Standard ° = Optional	MCT85C	MCT10C	MCT125C	MCT135C
Control panel				
Engine start/stop key switch	•	•	•	•
Electronic hand throttle	•	•	•	•
Electric lift and tilt hydraulic lockouts	•	•	•	•
Park brake switch	•	•	•	•
Full audible and visual warning systems (Charge pressure, Coolant temperature, Hydraulic oil and Engine oil pressure, Air filter restriction, Alternator)	•	•	•	•
Fuel gauge	•	•	•	•
Coolant temperature gauge	•	•	•	•
Hydraulic oil temperature gauge	•	•	•	•
Hourmeter	•	•	•	•
Keyless start with immobilizer	°	°	°	°
Controls				
3-way function levers	•	•	•	•
7-way function levers, with 14-pin connector	°	°	°	°
Operator modes	•	•	•	•
Control pattern selection: ISO or H-pattern	°	°	°	°
Foot throttle	•	•	•	•
Seats and seat belts				
Operator seat bar	•	•	•	•
Static seat, vinyl	°	°	°	°
Mechanical suspension seat, vinyl	•	•	•	•
Air suspension seat, heated, with adjustable control pods, vinyl	°	°	°	°
Air suspension seat, heated, with adjustable control pods, cloth	°	°	°	°
2" retractable seat belt	•	•	•	•
3" retractable seat belt	°	°	°	°
3pts 2" retractable seat belt	°	°	°	°
3pts 3" retractable seat belt	°	°	°	°
Loader arm & Hydraulic functions				
Radial lift		•		
Vertical lift	•		•	•
Parallel lift (raise)	•	•	•	•
Lift-arm mounted auxiliary hydraulics (Flat face couplers)	•	•	•	•
Left hand mounted auxiliary couplers	°	°	°	°
Low flow case drain return line	•	•	•	•
High flow auxiliary hydraulics	°	°	°	°
Mechanical attachment bracket	•	•	•	•
Assisted attachment bracket	°	°	°	°
Boom Suspension System	°	°	°	°
Float function	•	•	•	•
Creep control	°	°	°	°
Travel lock kit	°	°	°	°
Hardide pivot pins (loader to coupler)	°	°	°	°

	MCT85C	MCT110C	MCT125C	MCT135C
• = Standard ◦ = Optional				
Lighting & warning				
2 front 50-Watt work lights	•	•	•	•
1 rear 50-Watt work light (2 if AC)	•	•	•	•
Additional (2nd) 50-Watt work light (if no AC)	◦	◦	◦	◦
Rotating beacon	◦	◦	◦	◦
Tall rotating beacon	◦	◦	◦	◦
Back-up alarm with rear light	•	•	•	•
White noise back-up alarm	◦	◦	◦	◦
Road light kit	◦	◦	◦	◦
Driveline, undercarriage				
2 servo-assisted variable displacement piston pumps mounted in tandem	•	•	•	•
2 fixed displacement high torque motors	•	•	•	•
2-speed	◦	◦	◦	◦
Tracks 320 mm	•	◦	◦	
Tracks 450 mm		•	•	•
Hydraulic park brake	•	•	•	•
Maintenance				
Lockable rear service door	•	•	•	•
Heavy-duty, maintenance-free battery - 1000CCA	•	•	•	•
Master electrical shut-off switch	•	•	•	•
Lockable fuel cab	•	•	•	•
Tilting canopy/cab	•	•	•	•
Lift-arm support strut	•	•	•	•
Emergency boom lower valve	•	•	•	•
Segment protection packages				
Equip your Compact Track Loader with special application packages, including:				
FOPS level 2 roof guard				
Front screen guard				
Heavy duty rear bar				
Tilt cylinder guard				
Lexan screen				
Mud guards and fuel cap protection				
etc				

Contact your local dealer for more info

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Heated cab with air conditioning for year-round comfort



Boom Suspension System for faster and more comfortable work cycles



High flow auxiliary hydraulics



2-speed option helps you get the job done faster



Volvo assisted attachment bracket allows the operator to change attachment from the seat

