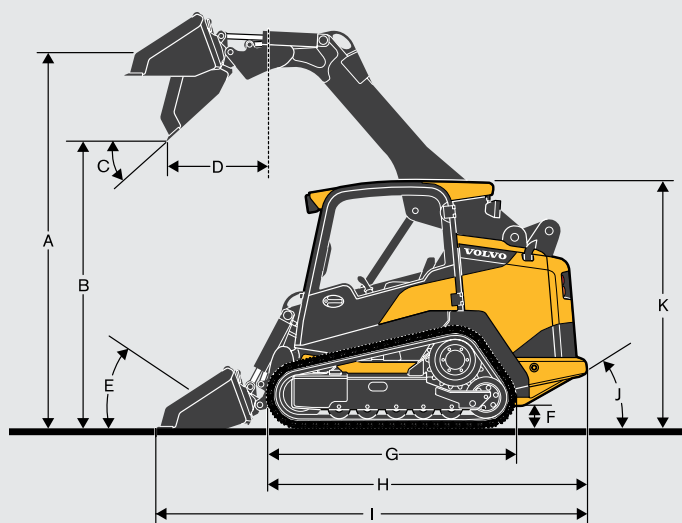
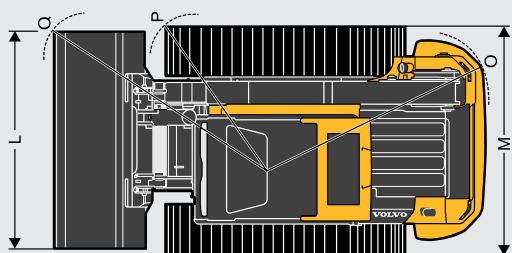


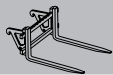
VOLVO COMPACT TRACK LOADERS IN DETAIL.






	Units	MCT85C
Engine		
Model		404D-22T
Cylinders		4
Fuel type		Diesel
Displacement	cm ³	2 200
Aspiration		Turbo
Cooling system		Liquid
Horsepower		
SAE gross power	kW / hp	44.7 / 59.9
SAE net power	kW / hp	43.9 / 58.9
@ engine speed	@ rpm	2 800
Max. gross torque	Nm	189
@ engine speed	@ rpm	1 800
Max. no load speed	rpm	3 025
Electrical system		
Battery	V - Ah	12 - 101
Alternator	Ah	85
Starter	kW	2
Drivetrain		
Tracks	mm	320
Hydraulics system-loader		
Std hydraulic pump output flow	lpm	70
High flow pump output @ rated rpm	lpm	100
@ engine speed	@ rpm	2 800
System pressure	bar	230
Service capacities		
Cooling system	l	15
Engine crankcase with filter, change	l	10.6
Fuel tank	l	98
Hydraulic system - total capacity	l	43.5
Hydraulic reservoir capacity	l	26
Performance		
Lift arm path		Vertical
Rated operating capacity (SAE)	kg	862
Tipping capacity (SAE)	kg	2 462
Operating weight (SAE)	kg	3 717
Breakout force, lift	kg	1 570
Breakout force, curl	kg	2 140
Maximum travel speed		
Single speed	km/h	9.2
Two speed	km/h	7.7 / 12.6
Cycle time		
Raise (lifting)	s	4.3
Lower (power down)	s	2.7
Curl	s	1.6
Dump	s	2



		Units	MCT85C
A	Height to hinge pin	mm	3 020
B	Dump height	mm	2 290
C	Dump angle	°	42
D	Dump reach	mm	850
E	Roll back angle	°	30
F	Ground clearance	mm	230
G	Trackbase	mm	1 780
H	Overall length (L/bucket)	mm	2 780
I	Overall length (W/bucket)	mm	3 530
J	Angle of departure	°	27
K	Overall height	mm	2 000
L	Bucket width	mm	1 829
M	Over track width (L/bucket)	mm	1 680
O	Turning radius rear	mm	1 650
P	Turning radius front L/bucket	mm	1 140
Q	Turning radius front W/bucket	mm	2 090

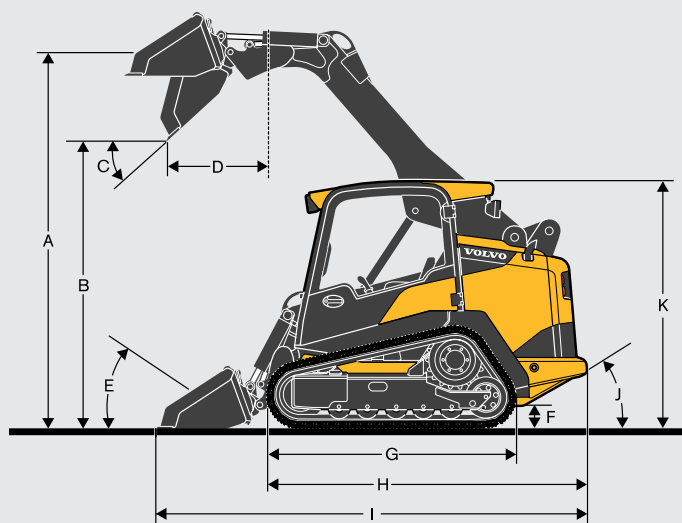
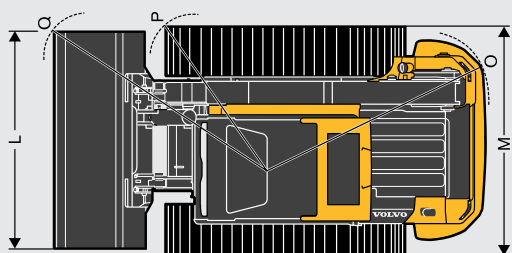
Pallet forks		Overall height	Overall width	Overall length	Adjustable tine spacing		Pallet fork rating	Overall weight
		mm	mm	mm	mm	mm	kg	kg
MCT85C	PF-42	984	1 194	1 313	229	1 143	2 722	206
	PF-48	984	1 194	1 466	229	1 143	2 722	218

Data according to bucket type	Bucket		Length mm	Height mm		
		Width mm			Weight kg	Heaped cap m³
MCT85C	General Purpose Bucket	1 676	800	521	200	0.39
	General Purpose Bucket	1 829	800	521	215	0.43
	Landscape Bucket	1 676	953	521	217	0.49
	Landscape Bucket	1 829	953	521	232	0.54
	Multi Purpose Bucket	1 676	953	701	259	0.45
	Multi Purpose Bucket	1 829	953	701	352	0.57

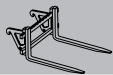
VOLVO COMPACT TRACK LOADERS IN DETAIL.






	Units	MCT125C	MCT145C
Engine			
Model		Dieselmex TC-55	Dieselmex TC-68
Cylinders		4	4
Fuel type		Diesel	Diesel
Displacement	cm³	4 399	4 399
Aspiration		Turbo	Turbo
Cooling system		Water	Water
Horsepower			
SAE gross power	kW / hp	55 / 74	68.6 / 92
SAE net power	kW / hp	54.5 / 72.6	67.7 / 90.3
@ engine speed	@ rpm	2 200	2 200
Max. gross torque	Nm	327	408
@ 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	kW	2	2
Drivetrain			
Tracks	mm	320	450
Hydraulics system-loader			
Std hydraulic pump output flow	lpm	87	87
High flow pump output @ rated rpm	lpm	135	135
@ engine speed	@ rpm	2 200	2 200
System pressure	bar	230	230
Service capacities			
Cooling system	l	15.5	15.5
Engine crankcase with filter, change	l	15	15
Fuel tank	l	103	103
Hydraulic system - total capacity	l	60	60
Hydraulic reservoir capacity	l	26	26
Performance			
Lift arm path		Vertical	Vertical
Rated operating capacity (SAE)	kg	1 179	1 452
Tipping capacity (SAE)	kg	3 624	4 148
Operating weight (SAE)	kg	4 850	5 220
Breakout force, lift	kg	2 634	2 634
Breakout force, curl	kg	3 260	3 260
Maximum travel speed			
Single speed	km/h	9.2	9.2
Two speed	km/h	7.7 / 12.6	7.7 / 12.6
Cycle time			
Raise (lifting)	s	5.1	5.1
Lower (power down)	s	3.5	3.5
Curl	s	1.4	1.7
Dump	s	1.8	2.3



		Units	MCT125C	MCT145C
A	Height to hinge pin	mm	3 180	3 180
B	Dump height	mm	2 420	2 390
C	Dump angle	°	42	42
D	Dump reach	mm	870	900
E	Roll back angle	°	30	30
F	Ground clearance	mm	248	248
G	Trackbase	mm	2 100	2 100
H	Overall length (L/bucket)	mm	2 940	3 030
I	Overall length (W/bucket)	mm	3 690	3 780
J	Angle of departure	°	28.7	28.7
K	Overall height	mm	2 080	2 080
L	Bucket width	mm	1 980	2 130
M	Over track width (L/bucket)	mm	1 980	1 980
O	Turning radius rear	mm	1 760	1 760
P	Turning radius front L/bucket	mm	1 480	1 480
Q	Turning radius front W/bucket	mm	2 420	2 420

Pallet forks		Overall height	Overall width	Overall length	Adjustable tine spacing		Pallet fork rating	Overall weight
		mm	mm	mm	mm	mm	kg	kg
MCT125C	PF-42	984	1 194	1 313	229	1 143	2 722	206
MCT145C	PF-48	984	1 194	1 466	229	1 143	2 722	218

Data according to bucket type						
	Bucket	Width mm	Length mm	Height mm	Weight kg	Heaped cap m³
MCT125C	General Purpose Bucket	1 981	800	521	246	0.47
MCT145C	General Purpose Bucket	2 134	800	521	261	0.5
	Landscape Bucket	1 981	953	521	264	0.58
	Landscape Bucket	2 134	953	521	279	0.63
	Multi Purpose Bucket	1 981	953	701	382	0.61
	Multi Purpose Bucket	2 134	953	701	401	0.66

EQUIPMENT.

STANDARD EQUIPMENT

	MCT85C	MCT125C	MCT145C
Engine			
4-cylinder, liquid-cooled, 8-valve, indirect-injection diesel engine	•		
4-cylinder, liquid-cooled, 16-valve, direct-injection diesel engine		•	•
Meet US EPA-Tier 3, EU St3			•
Meet US EPA-Tier 4i, EU St3B	•	•	
Self-cleaning, dual-element, air cleaner	•	•	•
12-Volt heavy-duty starter	•	•	•
Alternator with internal regulator	•	•	•
Quick cycle engine preheat	•	•	•
Engine oil remote drain hose	•	•	•
High-capacity radiator	•	•	•
Top mounted, tilt-up hydraulic oil cooler	•	•	•
Grid heater	•	•	•
Lift arm path			
Vertical	•	•	•
Electrical			
Heavy-duty, maintenance-free battery – 760CCA	•		
Heavy-duty, maintenance-free battery – 1000CCA		•	•
Engine start/stop key switch	•	•	•
Fuel gauge	•	•	•
Electronic hand throttle	•	•	•
Coolant temperature gauge	•	•	•
Hourmeter	•	•	•
Charge pressure low	•	•	•
Engine oil low	•	•	•
Voltage low	•	•	•
Air flow restricted	•	•	•
Seat belt warning with 2-speed engaged	•	•	•
Warning lights	•	•	•
Warning lights flash	•	•	•
Hydraulic oil temperture high	•	•	•
Engine temperature high	•	•	•
Fuel low	•	•	•
Master electrical shut-off switch	•	•	•
In-cab fuse panel accessible without tools	•	•	•
2 front and 2 rear 50-Watt work lights (if AC)	•	•	•
2 front and 1 rear 50-Watt work lights (if no AC)	•	•	•
Transmission/Drive			
2 servo-assisted variable displacement piston pumps mounted in tandem	•	•	•
2 fixed displacement high torque motors	•	•	•
Tracks			
320 mm	•		
450 mm		•	•

	MCT85C	MCT125C	MCT145C
Hydraulics			
Lift-arm mounted auxiliary hydraulics	•	•	•
ISO hand pilot 7-way controls	•	•	•
Low flow case drain return line	•		
5 micron filter for charge pressure	•	•	•
10 micron filter for loader hydraulic return	•	•	•
Float function	•	•	•
Creep control	•	•	•
Safety			
Hydraulic park brake	•	•	•
Tilting cab	•	•	•
Emergency boom lower valve	•	•	•
Lift-arm support strut	•	•	•
Full audible and visual warning systems	•	•	•
Restraint activated safety system	•	•	•
Electric lift and tilt hydraulic lockouts	•	•	•
Back-up alarm	•	•	•
Emergency exit through front windshield	•	•	•
Cab			
Isolation mounted canopy with low left-hand side door and laminated right hand glass	•	•	•
ROPS and FOPS	•	•	•
Top window	•	•	•
Mechanical suspension seat	•	•	•
Pod storage area	•	•	•
Cup holder	•	•	•
12-Volt power accessory outlet	•	•	•
Rear view mirror	•	•	•
Interior light	•	•	•
2" retractable seat belt	•	•	•
Operator seat bar	•	•	•
Other			
Lockable rear service door and engine cover	•	•	•
Lockable fuel cap	•	•	•
Mechanical attachment bracket	•	•	•

OPTIONAL EQUIPMENT

Cab			
Heated fully glazed sealed and pressurized cab enclosure, washer/wiper and sliding left hand window	•	•	•
Air conditioned/heated fully glazed sealed and pressurized cab enclosure, washer/wiper and sliding left hand window	•	•	•
Air suspension seat, heated, vinyl, with adjustable control pods	•	•	•
Air suspension seat, heated, cloth, with adjustable control pods (not available on canopy)	•	•	•
3" retractable seat belt	•	•	•
2" 3 point retractable seat belt	•	•	•
3" 3 point retractable seat belt	•	•	•
Radio with Auxiliary input	•	•	•

OPTIONAL EQUIPMENT

	MCT85C	MCT125C	MCT145C
Keyless start	•	•	•
Immobilizer key (not available with Keyless start)	•	•	•
Impact protection laminated glass (for canopy)	•	•	•
Impact protection Lexan screen	•	•	•
Right hand mesh on canopy (replaces standard laminated glass)	•	•	•
Canopy full door with mesh	•	•	•
Performance package			
Comfort pack including:			
- Foot throttle	•	•	•
- Parallel lift			
Deluxe pack including:			
- Foot throttle	•	•	•
- Parallel lift			
- Hydraulic attachment bracket			
- Boom Suspension System			
Engine			
Spark arrestor muffler	•	•	•
Engine block heater 110V	•	•	•
Engine block heater 240V	•	•	•
Wide core radiator	•	•	•
Tracks			
320 mm	S	•	
450 mm		S	S
Transmission/Drive			
2-speed travel	•	•	•
Hydraulics			
High flow auxiliary hydraulic	•	•	•
Left hand mounted auxiliary couplers	•	•	•
Low flow case drain return line	S	•	•
Electrical			
Rotating beacon light	•	•	•
Road light kit	•	•	•
Anti-theft keypad	•	•	•
Other			
Hardide pivot pins (arm to coupler)	•	•	•
Travel lock kit	•	•	•

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
 - Lexan screen
 - etc

Contact your local dealer for more info

S = Standard

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Heated cab with air conditioning for year-round comfort



Heated air suspension seat provides even higher level of comfort



High flow auxiliary hydraulics



2-speed option helps you get the job done faster



Volvo hydraulic attachment bracket allows the operator to change attachment from the seat (Included in the Deluxe package)

