

C227 C232

200 SERIES COMPACT TRACK LOADERS

PRELIMINARY



	C227	C232
ENGINE POWER	74 hp - 55 kW	82 hp - 61 kW
OPERATING WEIGHT	3720 kg	4370 kg
RATED OPERATING CAPACITY (@50% OF TIPPING LOAD)	1225 kg	1451 kg



BUILT AROUND YOU

C227/C232

BUILT AROUND YOU

Introducing the new 200 Series compact track loaders. With five years in the making, they're bigger, badder and better!

New Holland Construction engineers used input from hundreds of customers to design our new line of compact track loaders. Designed from the ground up, these machines were built around you. No matter what your line of work – agriculture, landscaping or construction – you'll work faster, smarter and more profitably with our new compact track loaders.

- New Holland's patented vertical lift Super Boom® design has best-in-class forward dump height and reach. It's more efficient to load materials to the center of the truck.
- Our industry leading bucket breakout force and dump angle provide fast cycle times and improve productivity.
- The rigid undercarriage design is simple, yet rugged, giving you a stable ride over rough working surfaces. Plus, with fewer moving parts than a suspension track system, it's easier to maintain.
- Need more room? We have one of the widest, most comfortable cabs in the industry, giving you more head and foot room, and offering twice the visibility in critical zones. Better visibility allows safe and efficient movement around the worksite.
- Comfortable operators get more work done. Just a few new convenience features include: keyless start, a Glide Ride option, available heated or air-ride seat and a self-leveling bucket feature.
- The overall width has been reduced from 2,13 m to 1,98 m on the C232 unit equipped with the 45 cm tracks. This change makes it easy to transport on standard trailers.
- Daily maintenance just got easier. Our ground-level service checkpoints are easy to access and grouped together. Plus, the new flip-top cab tilts forward for complete component access.

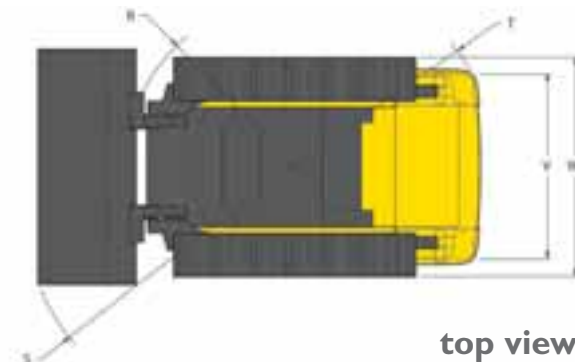




With over 55 attachments available for the new 200 Series compact track loaders, these machines are multi-task masters! Whether you work in agriculture landscaping or construction, New Holland Construction delivers the equipment to get the job done right.

C227

MACHINE WEIGHTS & DIMENSIONS (mm)

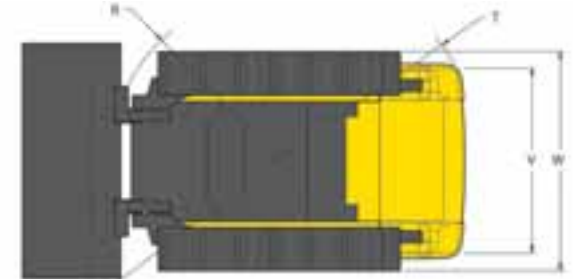


top view

C227		
Overall operating height		
A - with foundry/excavating bucket short lip	mm	3920
A - with low profile/standard lip bucket	mm	4020
A - with low profile extended/long lip bucket	mm	4146
Height to		
B - Bucket hinge pin	mm	3124
C - Top of ROPS	mm	1998
D - Bottom of level bucket fully raised	mm	2950
Overall length		
E - without attachment with coupler	mm	2669
F - with foundry excavation bucket on ground		3292
F - with low profile bucket	mm	3397
F - with low profile extended bucket	mm	3525
Dump		
G - Dump angle, degrees		40
H - Dump height		
with foundry/excavating bucket short lip	mm	2495
with low profile/standard lip bucket	mm	2428
J - Dump reach (max height)	mm	568
Maximum attachment rollback		
K - Bucket on ground	degrees	31
L - Bucket at full height	degrees	99
Track and Clearance		
M - Track on ground	mm	1441
P - Ground clearance (bottom of belly pan)	mm	203
Q - Angle of departure,	degrees	32
Clearance circle		
R - without bucket	mm	1289
S - with foundry bucket in carry position	mm	2031 with 1,82 m ³ bucket
S - with low profile bucket on ground	mm	2112 with 1,82 m ³ bucket
S - with extended low profile on ground	mm	2228 with 1,82 m ³ bucket
T - Clearance circle rear	mm	1599
V - Track gauge	mm	1356
W - Overall width	mm	1676

C232

MACHINE WEIGHTS & DIMENSIONS (mm)



top view

		C232
Overall operating height		
A - with foundry/excavating bucket short lip	mm	4096
A - with low profile/standard lip bucket	mm	4199
A - with low profile extended/long lip bucket	mm	4327
Height to		
B - Bucket hinge pin	mm	3330
C - Top of ROPS	mm	2043
D - Bottom of level bucket fully raised	mm	3155
Overall length		
E - without attachment with coupler	mm	2993
F - with foundry excavation bucket on ground		3631
F - with low profile bucket	mm	3734
F - with low profile extended bucket	mm	3863
Dump		
G - Dump angle, degrees		55
H - Dump height		
with foundry/excavating bucket short lip	mm	2655
with low profile/standard lip bucket	mm	2596
J - Dump reach (max height)	mm	864
Maximum attachment rollback		
K - Bucket on ground	degrees	33
L - Bucket at full height	degrees	85
Track and Clearance		
M - Track on ground	mm	1602
P - Ground clearance (bottom of belly pan)	mm	243
Q - Angle of departure	degrees	32
Clearance circle		
R - without bucket	mm	1428
S - with foundry bucket in carry position	mm	2155 with 1,98 m ³ bucket
S - with low profile bucket on ground	mm	2246 with 1,98 m ³ bucket
S - with extended low profile on ground	mm	2352 with 1,98 m ³ bucket
T - Clearance circle rear	mm	1796
V - Track gauge	mm	1480
W - Overall width	mm	1930

C227/C232

SPECIFICATION

		C227	C232
ENGINE			
Manufacturer/model		FPTIndustrial / F5C E9454	FPTIndustrial / F5C E9454
Type		Diesel 4-stroke, turbo, D.I.	Diesel 4-stroke, turbo, D.I.
Cylinder		4	4
Bore/stroke	mm	99 x 104	99 x 104
Displacement	l	3.2	3.2
Fuel injection		Direct	Direct
Fuel		#2 Diesel	#2 Diesel
Fuel filter		In-line with water separator	In-line with water separator
Air intake		Turbocharged with external EGR	Turbocharged with external EGR
Cooling		Liquid	Liquid
Engine speeds			
High idle - no load	rpm	2675 +/- 75	2675 +/- 75
Rated - full load	rpm	2500	2500
Low idle	rpm	1075 +/- 75	1075 +/- 75
Horsepower per SAE J1349			
Gross	hp (kW)	74 (55) @ 2500 rpm	82 (61) @ 2500 rpm
Net	hp (kW)	70 (52) @ 2500 rpm	76 (57) @ 2500 rpm
Peak torque	Nm	275 @ 1400 rpm	305 @ 1400 rpm
POWERTRAIN			
Drive pump electro hydraulic			
Pump to engine ratio		1:1	1:1
Displacement	cc	46	46
Flow	rpm	115	115
Charge pressure	bar	25	25
System relief	bar	360	360
Control		Electro hydraulic	Electro hydraulic
Drive motors			
Effective Max displacement	cc	1098	1098
Effective Displacement opt high speed	cc	714	714
Speed @ high idle engine	rpm	105	105
Speed @ optional high speed	rpm	161	161
Torque @ max displ. and relief pressure	Nm	6283	6283
Travel speed			
Low range	km/h	9.3	9.3
High range (optional)	km/h	13.4	13.4
Final drive		Planetary Reduction	Planetary Reduction
Parking brake			
Type		Spring applied, hydraulic release disc	Spring applied, hydraulic release disc
Engagement		Depress on/off brake button on instrument panel, disconnect lapbelt, get off seat, or stop engine	Depress on/off brake button on instrument panel, disconnect lapbelt, get off seat, or stop engine
UNDERCARRIAGE			
System		High drive offset tread pattern	High drive offset tread pattern
Idlers / rollers per side		2/3	2/4
Ground pressure			
PSI (with 320 mm belt)		5.7	NA
PSI (with 400 mm belt)		NA	4.8
PSI (with 450 mm belt)		NA	4.3

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HYDRAULIC SYSTEM			
Pumps			
Type		Gear	Gear
Displacement standard aux.	cc	34.1	34.1
Displacement high flow aux.	cc	12.5	18.3
Pump flow	Lpm	85	85
Optional high flow	Lpm	116	131
Loader control valve			
Type		3 spool / open center	3 spool / open center
Relief pressure	bar	207	207
Hydraulic filter		6 micron / spin on	6 micron / spin on
CYLINDERS			
Lift cylinders			
Bore diameter	mm	64	64
Rod diameter	mm	45	45
Stroke	mm	805	852
Closed length	mm	1158	1192
Bucket cylinders			
Bore diameter	mm	70	76
Rod diameter	mm	35	38
Stroke	mm	410	410
Closed length	mm	610	610
WEIGHTS			
Operating weight	kg	3720	4370
Shipping weight, w/bucket	kg	3585	4220
SERVICE CAPACITIES			
Fuel tank	l	75.5	96.5
Engine oil with filter	l	9.5	9.5
Hydraulic system			
Reservoir	l	20	22.75
PERFORMANCE SPECS			
Rated operating load			
50% tip	kg	1225	1451
35% tip	kg	859	1018
Tipping load.	kg	2449	2902
Breakout forces			
Lift cylinder	kN	27.3	22
Bucket cylinder	kN	31.8	38.2
Cycle times			
Raise	sec	3.7	3.9
Lower	sec	1.9	2.5
Dump	sec	2.3	2.7
Roll back	sec	1.7	2.0

PARTS AND SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers. New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines.

The New Holland global parts network ensures fast, reliable, replacement parts for less downtime, increased productivity and, of course, profitable operation for its customers.



AT YOUR OWN DEALERSHIP

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