

TECHNICAL SPECIFICATIONS

Main Specification

Engine		Drive and Brake	
Model	4TNV94L	Drive Type	Hydraulic drive
Type	Serial	Travel Motor	Axial piston hydraulic motor
Intake	Natural intake	Travel Speed (High/Low)	4.3/2.4 km/hr
No. of Cylinders	4	Brake Operation	Hydraulic Brake
Cylinder Dia.	94 mm	Parking Brake	Wet, multi-disc brake
Piston Stroke	110 mm		
Rated Power	36.2 kW (48.3 HP) / 2,100 rpm	Travel Mechanism	
Swing System		Center Frame	X-shaped
Drive Type	Hydraulic drive	Track Frame	Box-type section
Reduction	Planetary reduction gear	Sealed Track	Auto-greased track
Swing Brake	Wet, multi-disc brake	Track Adjustment (Height)	Grease adjustment
Swing Speed	9.2 rpm	No. of Track Shoes	40 each side
		Carrier Roller	1 each side
		Track Roller	5 each side

Hydraulic System

Hydraulic Motor	
Travel Motor	Axial Piston Type x 2
Swing Brake	Wet, multi-disc brake
Main Pump	
Type	Variable piston pump
Max. flowrate	2 X 57.8 l /min

Safety Valve Setting	
Hydraulic Circuit for Attachment	210 kgf/cm ²
Hydraulic Circuit for Travel	210 kgf/cm ²
Hydraulic Circuit for Swing	220 kgf/cm ²

Tank Capacity	
Oil tank	115 l
Hydraulic oil tank (full)	62 l

Cooling Water/Lubricant Refill Capacity			
Radiator	Engine	Travel Reduction Gear Oil	Swing Reduction Gear oil
10 l	10.5 l	2 X 1.4 l	1 l

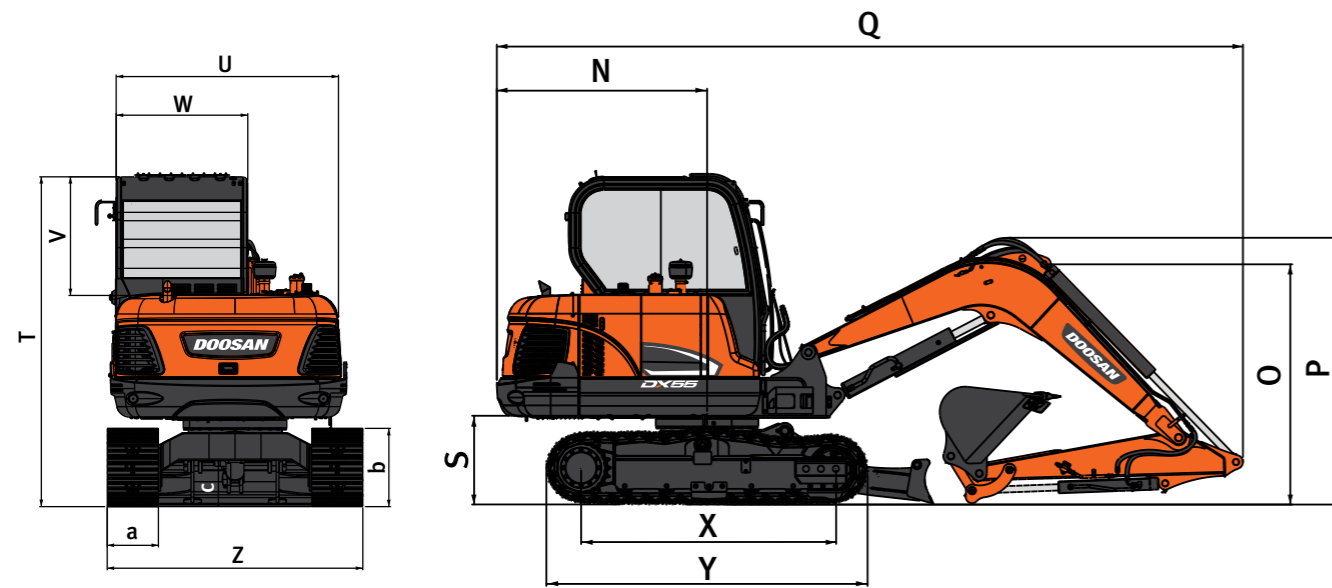
Operational Weight

(With operator, lubricant, coolant, full tanks, and standard specification)	
Boom	3,000 mm
Dipper Stick	1,600 mm
Bucket	0.18 or 0.21 m ³ (Option)
Track Link	380 mm
Operational Weight	5.5 ton
Ground Contact Pressure	0.28 kg/cm ²

Hydraulic Cylinders	
Boom	110 mm X 60 mm X 719 mm
Dipper Stick	85 mm X 55 mm X 883 mm
Bucket	85 mm X 55 mm X 600 mm
Blade	110 mm X 60 mm X 197 mm

Max. Digging Force (ISO)	
Bucket	4.1 ton
Dipper Stick	2.5 ton

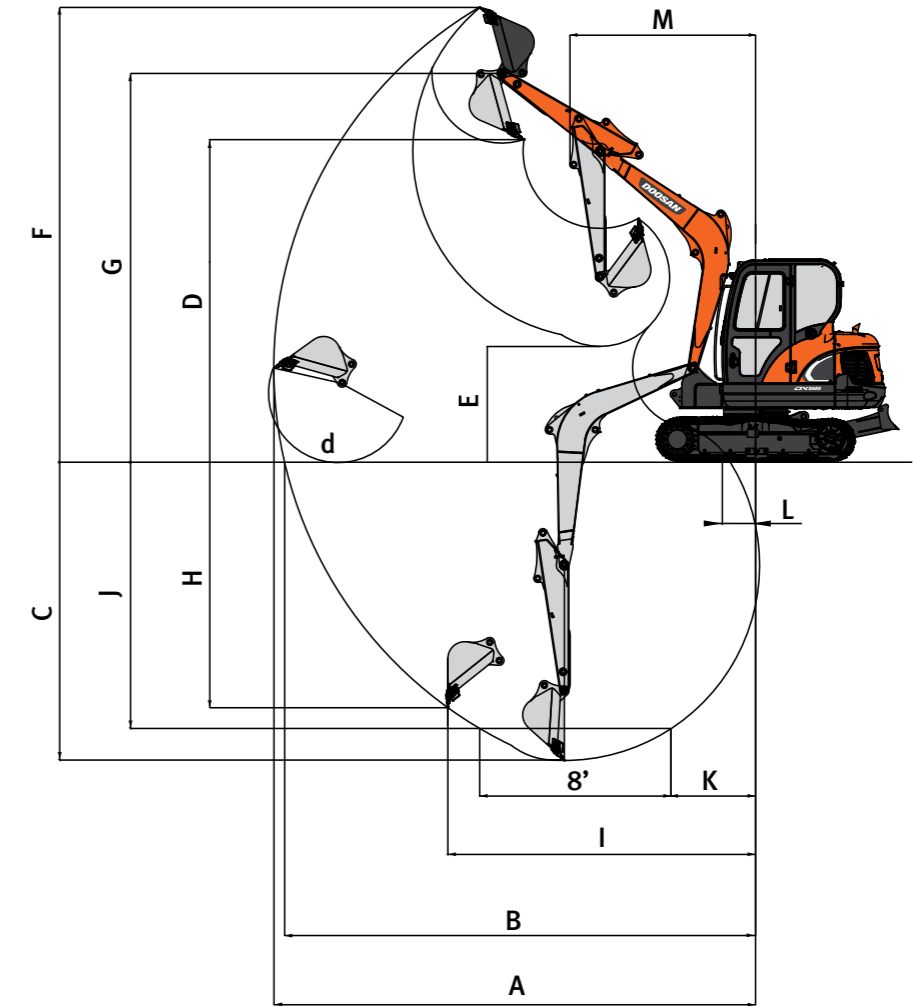
DIMENSIONS



DIMENSIONS

N	Tail Swing Radius	(mm)	1,650
O	Shipping Height	(mm)	1,930
P	Shipping Height	(mm)	2,040
Q	Shipping Length	(mm)	5,850
S	Counter Weight	(mm)	685
X	Wheel Base	(mm)	1,990
Y	Track Length	(mm)	2,540
U	House Width	(mm)	1,860
V	Cabin Height	(mm)	920
W	Above House	(mm)	1,030
T	Cabin Width	(mm)	2,590
Z	Height	(mm)	1860
a	Undercarriage Width	(mm)	380
b	Track Link Width	(mm)	615
c	Track Height	(mm)	360
	Ground Clearance		

WORKING RANGES



WORKING RANGE

A	Max. Digging Reach	(mm)	6,135
B	Max. Digging Reach (Ground)	(mm)	6,000
C	Max. Digging Depth	(mm)	3,800
D	Max. Loading Height	(mm)	4,110
E	Max. Loading Height	(mm)	1,470
F	Max. Digging Height	(mm)	5,795
G	Max. Height of Bucket	(mm)	4,950
H	Pin Shaft	(mm)	3,125
I	Max. Vertical Wall Depth	(mm)	3,915
J	Max. Radius Vertical	(mm)	3,390
K	Max. Depth to 8' Line	(mm)	1,070
L	Max. Radius 8' Line	(mm)	330
M	Min. Digging Reach	(mm)	2,370
d	Minimum Swing Radius	(°)	180
	Bucket Angle		