



CDM6950 EXCAVATOR



SPECIFICATIONS

ITEM	DATA
Machine Operating Weight	92 800 kg
Standard Bucket Capacity	5.5m ³
Rated Power	565 kw@1900 rpm
Digging Force of Buck (ISO supercharging)	495 KN
Digging Force of Arm (ISO supercharging)	737 KN



ENGINE

ITEM	DATA
Make / Model	Volvo Penta TAD1643VB-E
Rated Power	356 kw @1900 rpm
Maximum Torque Nm / rpm	3240 @ 1300
Displacement (ltr)	16.12



HYDRAULIC SYSTEM

ITEM	DATA
Type of Main Pump	2 Variable Plunger Pump
Max flow of Main Pump L / Min	5 x 504
System Pressure mPa	32.4 / 34.3
Type of Pilot Pump	1 Gear Pump
Max, Flow of Pilot Pump L / Min	35
Pressure of Pilot Pump Mpa	3.9



PERFORMANCE

ITEM	DATA
Rotating Speed	6.5 rpm
Traveling Speed	3.9 / 2.4 km /h
Max. Gradeability (Deg)	35
Width of track link	650 mm
Ground Pressure	126 kPa



SERVICE REFILL CAPACITY

ITEM	DATA
Hydraulic Tank (L)	650
Fuel Tank	1300



OVERALL DIMENSIONS

ITEM	DATA
Boom Length (mm)	7100
Arm Length (mm)	2950
A. Total Length (mm)	13885
B. Total Height (mm)	4995
C. Total Width (mm)	3475
D. Ground Clearance of counterweight (mm)	1645
E. Minimum Ground Clearance (mm)	925
F. Tail Swing radius (mm)	4850
G. Ground contact length of track (mm)	4945
H. Length of track (mm)	6205
I. Track Gauge (mm)	2750 / 3380
J. Width of Track (mm)	3400/4030
K. Width of track link (mm)	650
L. Cab height (mm)	3615
M. Height of machine hood (mm)	3500
N. Width of turntable (mm)	3475



WORKING RANGE / DIGGING FORCE

ITEM	DATA
a. Maximum Digging Height (mm)	12160
b. Maximum Unloading Height (mm)	8030
c. Maximum Digging Depth (mm)	7240
d. Digging Depth (2.44 horizontal) (mm)	7100
e. Maximum Vertical Digging Depth (mm)	6485
f. Maximum Digging Distance (mm)	12490
g. Maximum Ground Digging Distance (mm)	12145
h. Minimum Front Swing Radius (mm)	5625

