

YANMAR
Solutioneering Together

Universal
ViO80



ViO80U

Operating weight : 8065/8285 kg

Arm digging force : 4160 kgf

Bucket digging force : 6480 kgf

Universal ViO80, exceptionally compact for an excavator in this weight category.



ITEM			New Model	
			VIO80 QH	VIO80 w/o QH
Machine weight		lbs(kg)	18136(8225)	17783(8065)
Boom type		—	Boom swing	←
Engine	Model	—	4TNV98-ZWBV1	←
	Output	hp(kw)/rpm	55.3(40.7)/2000	←
	Type	—	D I (Electric Governor)	←
	Displacement	cc	3318	←
	Exhaust emissions	—	Interim Tier 4	←
Max digging force	Bucket	lbs(KN)	11340(50.4)	14288(63.5)
	Arm	lbs(KN)	8370(37.2)	9179(40.8)
Traveling speed	Low	km/h	2,5	←
	High	km/h	4,5	←
Dimention	Max.Digging height	ft-in (mm)	23'9"(7250)	22'4"(6810)
	Max.Digging depth	ft-in (mm)	15'4"(4670)	14'6"(4430)
	Max.Vert.digging depth	ft-in (mm)	12'10"(3920)	12'5"(3780)
	Max.Digging radius	ft-in (mm)	23'5"(7140)	22'5"(6820)
	Max.Dumping height	ft-in (mm)	15'3"(4640)	15'5"(4700)
Swing radius	Front	Boom front	ft-in (mm)	8'11"(2720)
		Boom swing	ft-in (mm)	7'9"(2370)
	Rear		ft-in (mm)	3'9"(1135)
	Rear out off rubber crawler		ft-in (mm)	0
Hydraulic system	Type	-	3-pump confluence	←
	Pump	-	Variable Piston X 2 GearX1	←
	Relief press.	MPA	P1, P2 : 25.5 P3 : 24.5	←
Idling system		—	Auto idling	←
Automatic 2-speed travel system		-	o	←
Air conditioning		-	o	←
Seat slide		-	Double slide	←
Engine safety system for neutral start		-	o	←
Engine stop switch for emergency		-	o	←

TECHNICAL SPECIFICATIONS

Universal
Vix80

Operating weight +-2% (EC Norm):

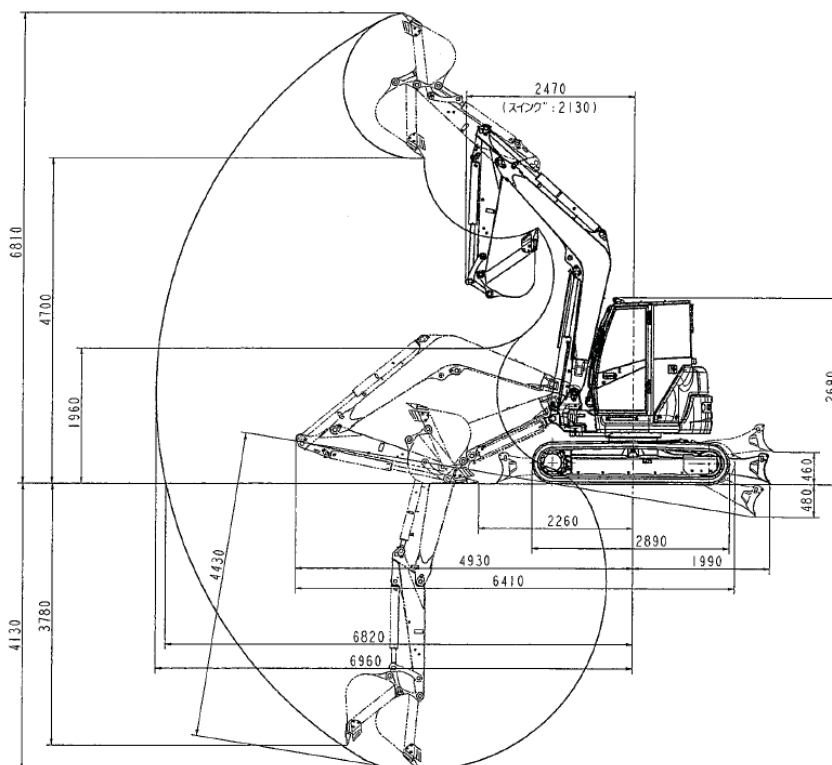
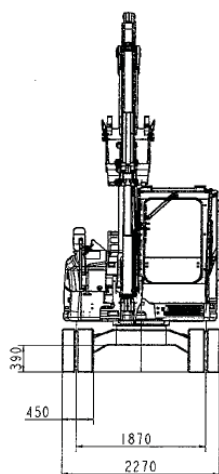
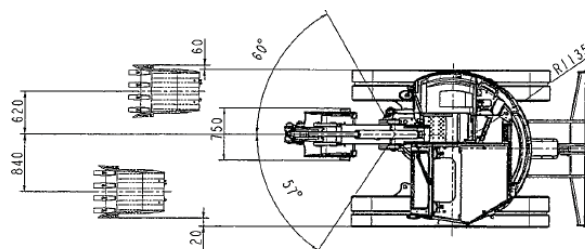
8065/8125 kg (rubber/steel crawlers without hyd. quick hitch)

8225/8285 kg (rubber/steel crawlers with hyd. quick hitch)

Transport weight +-2% :

7990/8050 kg (rubber/steel crawlers without hyd. quick hitch)

8150/8210 kg (rubber/steel crawlers with hyd. quick hitch)



Blade on ground								
A	Maxi		5.0		4.0		3.0	
B								
5	*1720	*1730	—	—	*1720	*1770	—	—
4	1190	*1700	1260	*1670	*1690	*1710	—	—
3	990	*1650	1270	*1740	*1970	*1990	*2520	*2620
2	930	*1700	1190	*1890	1690	*2290	2540	*3550
1	890	*1690	1160	*2050	1580	*2710	2300	*3890
0	910	*1720	1110	*2110	1530	*2790	2240	*4090
-1	1000	*1690	1100	*1950	1490	*2670	2290	*3560
-2	1250	*1590	—	—	1540	*2150	2380	*2890
-3	*1220	*1260	—	—	—	—	*1610	*1600

C

Blade above ground								
A	Maxi		5.0		4.0		3.0	
B								
5	*1700	*1690	—	—	*1720	*1690	—	—
4	1200	*1450	1220	1350	*1690	*1630	—	—
3	960	1020	1230	1290	*1960	*1940	*2550	*2520
2	890	950	1140	1250	1640	1780	2410	2820
1	860	930	1130	1190	1530	1640	2270	2360
0	890	950	1090	1150	1500	1590	1760	2400
-1	970	1010	1070	1130	1450	1610	2210	2430
-2	1210	1250	—	—	1490	1560	2290	2570
-3	*1240	*1260	—	—	—	—	*1610	*1630

C

Machine with cabin,
rubber crawlers,
without bucket.

A: Overhang from rotational axis (m).
B: Height of hooking point (m).
C: Safe working load (kg).
(-4% with canopy).



Tipping load, rating
over front



Tipping load, rating
over side 90°



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