



YANMAR

FULL LINE PRODUCT BROCHURE



Yanmar Construction Equipment

The Unsung Heroes Who Build Our Towns And Cities

You build the infrastructure and the foundations in our towns and cities.
 Transforming the places where we stand today, into dreams of tomorrow.
 You are the unsung hero.

The YANMAR mission is to provide machines and services that allow you to reach your full potential.

Built tough and with comfort in mind, YANMAR Construction Equipment will help you get the job done with ease, regardless of the worksite.
 When we make machines, we are dedicated to enabling you to perform at your best all of the time.

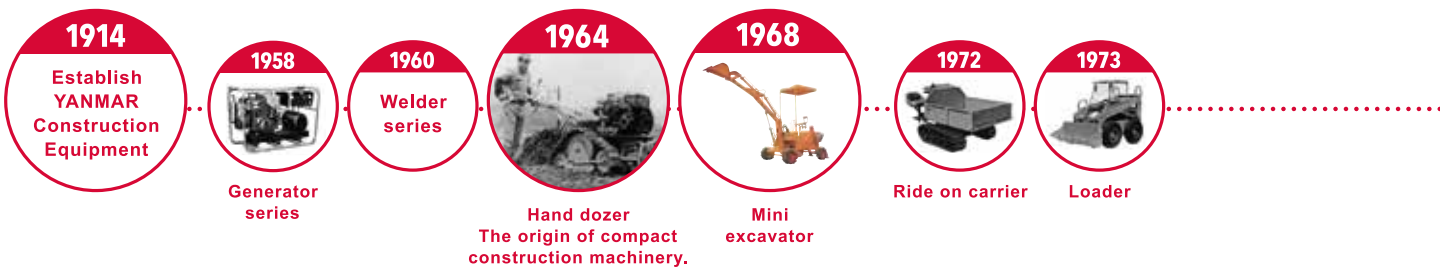
One example of this is our innovative True Zero Tail Swing Excavators that set the standard for safety and reliability,
 enabling operators to perform at their best in tight quarters.

YANMAR also manufactured the first compact diesel engines and today we continue to make diesel engines ranging from 4 to 4,800 kW.

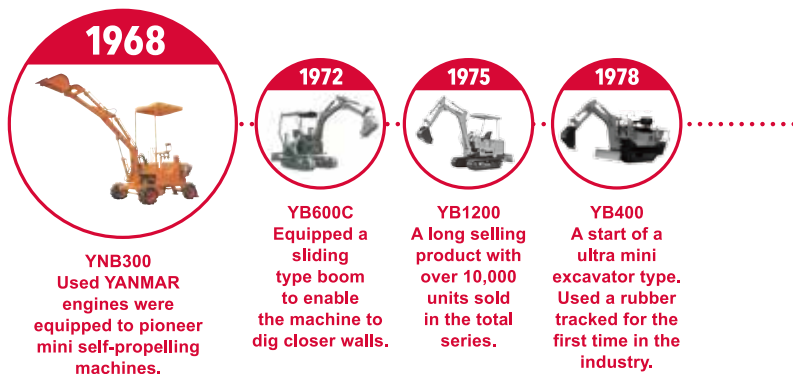
Equipped with advanced engines and hydraulic systems, our construction equipment delivers better fuel economy,
 increased productivity and enhanced operation.

YANMAR Construction Equipment History

Origin of YANMAR's products



Excavator-manufacturing history of YANMAR Construction Equipment



YANMAR is the driving force behind our unsung hero.

BEST PERFORMANCE BY YOUR SIDE

1980

2000

1985



Large size carrier

1986



Lighting tower

2014

100 years since the establishment of YANMAR Construction Equipment

2018

50 years since selling mini excavators



1988



B3
YANMAR was the first in the industry to introduce an excavator with a round upper structure for better safety, which was the B3 model.

1993~



Birth of ViO series

Pioneer in the manufacturing of construction machinery featuring zero tail swing.

1998



ViO70
Under the mini excavator concept, we started selling the first 7t class Midi Excavator

2012



ViO30-6
Introduced an efficient engine and high economic ability with a hydraulic control

Birth of ViO-6 series

2016



ViO82 was the first in the 8t class to be equipped with our new "ViPPS2i" hydraulic system

- * The images shown here are for promotional purposes.
- * The image may differ from the actual model on sale.
- * The machine in the picture is equipped with optional parts.
- * Ground the bucket when leaving the operator's seat.



YANMAR's construction machines support urban development across the globe

YANMAR uses cutting edge technology to manufacture eco-friendly construction machinery possessing superior workability, durability, and safety.

Our machinery demonstrates superior performance on various types of work sites, supporting urban development throughout the world.



YANMAR's technical ability is evident from the safety and ease of operations of its machinery, and delivers much more than expected.

Reputed for its superior quality, YANMAR has succeeded in providing construction machinery possessing a host of unique and useful functions and safety implements, such as the hydraulic quick coupler and spring steel cylinder rod guards. Our machinery caters to the simplicity of operation and the comfort of site workers, while taking into account their safety and overall workability.



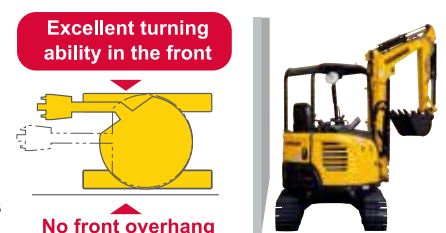
● Protective structure

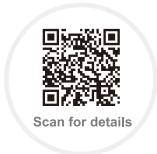
Product name	Applicable model		
	ROPS bar	4 pillar canopy	Cabin
SV08-1A	ROPS	-	-
ViO12	ROPS	-	-
ViO17	-	ROPS/ FOPS*	-
ViO20-6	-	ROPS/ FOPS*	ROPS/ FOPS*
ViO25-6A	-	ROPS/ FOPS*	ROPS/ FOPS*
ViO30-6B	-	ROPS/ FOPS*	ROPS/ FOPS*
ViO35-6B	-	ROPS/ FOPS*	ROPS/ FOPS*
ViO45/50-6B	-	ROPS/ FOPS*	ROPS/ FOPS*
ViO55-6B	-	ROPS/ FOPS*	ROPS/ FOPS*
ViO80-1/82	-	-	ROPS/ OPG
SV100-2B	-	-	ROPS/ OPG

* Level I

● True Zero Tail swing ensures the rear end of the excavator remains away from the nearby objects, thus reducing the operator's efforts.

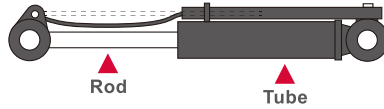
The excavator can be operated safely, comfortably, and smoothly near walls because the tail end remains within the width of the machine as the tail swing is zero.



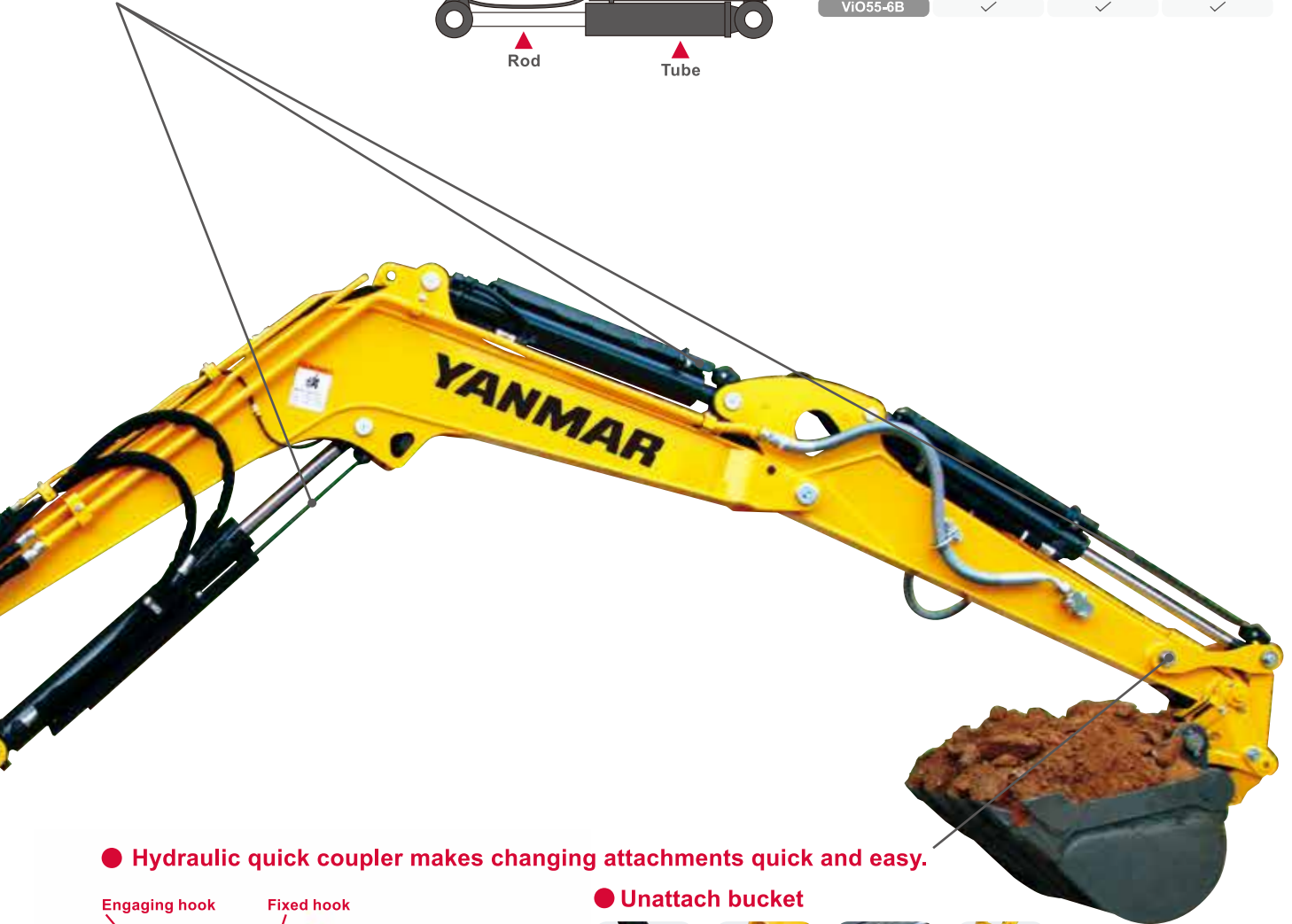


● Spring Steel Cylinder Rod Guards

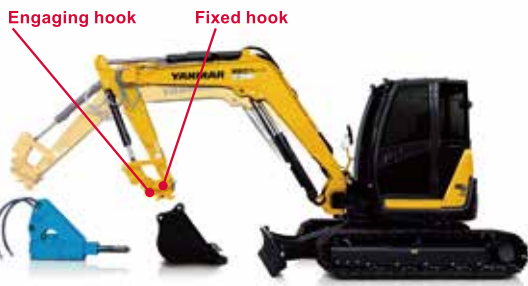
The cylinder rod is protected by the spring steel structure. Scratches caused by debris or collision are greatly reduced thanks to the spring steel's ability to absorb impact. Additionally, the high-tension steel cylinder tube is highly durable and unlikely to bend, giving the operator a sense of safety. Regardless of whether the cylinder expands or contracts, it will always be protected.



Applicable model			
Product name	Bucket cylinder	Arm cylinder	Boom cylinder
ViO17	✓	✓	✓
ViO20-6	✓	✓	-
ViO25-6A	✓	✓	✓
ViO30-6B	✓	✓	✓
ViO35-6B	✓	✓	✓
ViO45/50-6B	✓	✓	✓
ViO55-6B	✓	✓	✓



● Hydraulic quick coupler makes changing attachments quick and easy.

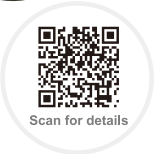


● Unattach bucket

- Place the bucket on the ground.
- Pull out the safety lock pin.
- Turn the switch to Remove.
- Raise the arm to detach.

● Attach bucket

- Hang the fixed hook.
- Level the bucket.
- Turn the switch to Attach.
- Insert the safety lock pin and fasten.



Applicable model	
ViO20-6	ViO25-6A
ViO30-6B	ViO35-6B
ViO45/50-6B	ViO55-6B
ViO80-1/82	SV100-2B

● Double lock type (Limited areas)

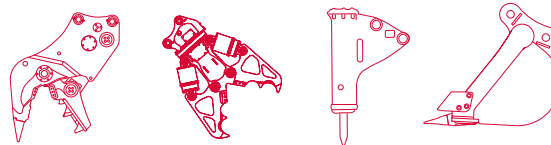


Yanmar double lock quick coupler is in compliance with the following standards:

- ISO 13031
- AS4773

Applicable model	
ViO50-6B	ViO55-6A

● Supports various types of attachments



* Some attachments are not compatible.

* Merchandise and features may differ depending on the region.

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* The machine in the picture is equipped with optional parts. * Ground the bucket when leaving the operator's seat.

Better workability by using the newest technology.

YANMAR employs a range of leading-edge technologies to improve fuel economy and maintenance efficiency.

YANMAR continues to work toward making machines that are innovative, deliver better fuel efficiency and are more comfortable.



SMARTASSIST
Remote

Providing services that keep you on track.

SMARTASSIST Remote

* Separate application required (free)



Scan for details

Applicable model

ViO20-6	ViO25-6A	ViO30-6B
ViO35-6B	ViO45/50-6B	ViO55-6B
ViO80-1/82	SV100-2B	C30R-3
V4-7		

● Efficient use of machinery thanks to remote monitoring

Our construction equipment is equipped with GPS and communication terminals, allowing you to manage location information via the communication system.

The system also lets Yanmar remotely monitor your machine, allowing us to stay on top of maintenance intervals, quickly identify machine issues and provide service and support at all times.



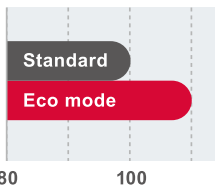
● Providing peace of mind, supporting your business

 <p>Theft prevention tool</p> <p>The theft prevention feature emails you if the machine moves out of a pre-determined area.</p>	 <p>Error notification service</p> <p>Quickly identify location of error in the event of machine trouble.</p>	 <p>Maintenance management tool</p> <p>Manage inspection/ maintenance information.</p>	 <p>Operational status management tool</p> <p>Visualize operational status of machine.</p>	 <p>Work schedule creation tool</p> <p>Record work data and improve efficiency.</p>
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Fuel efficiency

An excellent hydraulic system combined with the Eco mode and Auto deceleration functions makes the machine more fuel efficient.



9%
improvement



Eco mode switch
Auto deceleration switch

Eco mode

Reduces fuel consumption by reducing the maximum engine speed by approximately 15%.

Auto deceleration function

If the operation lever stays in neutral for more than 4 seconds, the engine speed will automatically change to low idle. The engine speed will automatically revert to the original speed once the operation lever is moved.

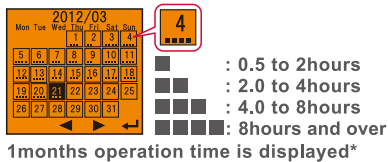
Applicable model	
ViO20-6	ViO30-6B
ViO35-6B	ViO45/50-6B
ViO55-6B	ViO80-1/82
SV100-2B	C30R-3

Applicable model	
ViO20-6	ViO25-6A
ViO30-6B	ViO35-6B
ViO45/50-6B	ViO55-6B
ViO80-1/82	SV100-2B
C30R-3	

The large LCD display includes an LED backlight, that makes it enable for the operator to easily check information in the low light conditions.

Easy to find out essential information related to operational status and errors, by an easy to read monitor, LED indicator lamps and buzzer.

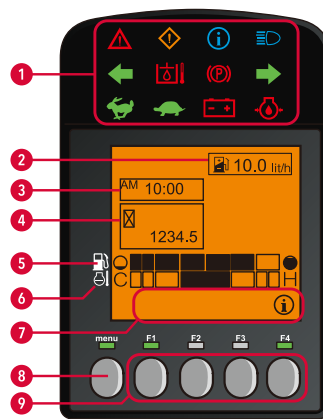
LCD monitor sample screen



Displays up to 3months*



Daily operation hours separated by AM/PM*



- 1 Warning lamp
 - 2 Caution lamp
 - 3 Information lamp
 - 4 High beam lamp
 - 5 Direction indicator lamp
 - 6 Hydraulic oil temp. lamp
 - 7 Parking lamp
 - 8 High speed travel lamp
 - 9 Low speed travel lamp
 - 10 Battery charge lamp
 - 11 Engine oil pressure lamp
- 1 LED lamp blinks when displaying warning and information.
 - 2 Fuel consumption
 - 3 Clock
 - 4 Hour meter
 - 5 Fuel gauge
 - 6 Water temperature meter
 - 7 F1-F4 lights
 - 8 Switch to select menus/main menu
 - 9 F1-F4 perform the operation displayed in guidance

Applicable model				
ViO20-6	ViO25-6A	ViO30-6B	ViO35-6B	ViO45/50-6B
ViO55-6B	ViO80-1/82	SV100-2B	C30R-3	V4-7

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ULTRA-MINI EXCAVATOR



Model		SV08-1C	
Type		ROPS	
Shoe type		-	
Shoe type		Rubber crawler	
Operating Weight		kg<lbs> 1800<3969>	
Engine	Type	-	
	Model	Vertical 2 cylinder, water-cooled diesel	
	Output	402J-05 IG84555R	
Performance	Bucket capacity, standard (ISO heaped)	cu.m<cu.ft> 7.7<10.3>/2400	
	Bucket width, standard (ISO heaped)	mm<in.> 13.7<3087>	
	Max digging force	Bucket	kN<lbF> 13.7<3087>
		Arm	kN<lbF> 6.6<1477>
	Traveling speed,high/low	km/h<MPH> 6.6<1477>	
	Swing speed	RPM 2.1<1.3>	
	Boom swing angle,(L/R)	degrees 4.0<2.2>/2.1<1.3>	
	Ground contact pressure	Rubber crawler	kPa<PSI> 28.0<4.1>
Hydraulic system	Pump capacity	l/min<GPM> 9.8<2.59>×2<Gear pump>	
	Main relief set pressure	MPa<PSI> 11.0<2.90>×2<Variable displacement pump> 6.0<1.58>×1<Gear pump>	
Blade dimensions	Width X height	mm<ft-in> 680/840×180<2'3"/2'9"×7">	
	Stroke,Raise/Lower from G.L.	mm<ft-in> 830/1000×215<2'7"/3'3"×0'8">	
Fuel tank capacity		L<Gals> 210/230<0'8"/0'9">	

TRUE ZERO TAIL SWING MINI EXCAVATOR



Model		ViO10-2A	ViO12-2A	
Type		-	ROPS	
Shoe type		-	-	
Shoe type		Rubber crawler	Rubber crawler	
Operating Weight		kg<lbs> 1135<2502>	1265<2790>	
Engine	Type	Vertical 2 cylinder, water-cooled diesel	Vertical 3 cylinder, water-cooled diesel	
	Model	3TNV70-WBVB	3TNV70-WBVB	
	Output	9.2<12.3>/2000	9.2<12.3>/2000	
Performance	Bucket capacity, standard (ISO heaped)	cu.m<cu.ft> 13.7<3087>	13.7<3087>	
	Bucket width, standard (ISO heaped)	mm<in.> 400<15.7>	400<15.7>	
	Max digging force	Bucket	kN<lbF> 13.7<3087>	13.7<3087>
		Arm	kN<lbF> 6.6<1477>	6.6<1477>
	Traveling speed,high/low	km/h<MPH> 6.6<1477>	6.6<1477>	
	Swing speed	RPM 2.1<1.3>	4.0<2.2>/2.1<1.3>	
	Boom swing angle,(L/R)	degrees 2.1<1.3>	4.0<2.2>/2.1<1.3>	
	Ground contact pressure	Rubber crawler	kPa<PSI> 28.0<4.1>	28.0<4.1>
Hydraulic system	Pump capacity	l/min<GPM> 11.0<2.90>×2<Variable displacement pump> 6.0<1.58>×1<Gear pump>	11.0<2.90>×2<Variable displacement pump> 6.0<1.58>×1<Gear pump>	
	Main relief set pressure	MPa<PSI> 20.6<2896>×2, 45<2,355>×1	20.6<2896>×2, 2.45<355>×1	
Blade dimensions	Width X height	mm<ft-in> 830/1000×215<2'7"/3'3"×0'8">	830/1000×215<2'7"/3'3"×0'8">	
	Stroke,Raise/Lower from G.L.	mm<ft-in> 210/230<0'8"/0'9">	210/230<0'8"/0'9">	
Fuel tank capacity		L<Gals> 12<3.2>	12<3.2>	

TRUE ZERO TAIL SWING MINI EXCAVATOR



Model		ViO25-6A								
Type		Canopy				Cabin				
Shoe type		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler		
Shoe type		Rubber crawler	Steel crawler	Rubber crawler	Steel crawler	Rubber crawler	Steel crawler	Rubber crawler	Steel crawler	
Operating Weight		kg<lbs> 2685<5919>	2795<6162>	2635<5809>	2745<6052>	2815<6206>	2925<6449>	2765<6096>	2875<6338>	
Engine	Type	Vertical 3 cylinder, water-cooled diesel								
	Model	3TNV80F-SXNBV								
	Output	15.2<20.4>/2500								
Performance	Bucket capacity, standard (ISO heaped)	0.08<2.83>								
	Bucket width, standard (ISO heaped)	490<19.3>								
	Max digging force	Bucket	18.2<4079>		23.1<5203>		18.2<4079>		23.1<5203>	
		Arm	11.7<2624>		12.6<2844>		11.7<2624>		12.6<2844>	
	Traveling speed,high/low	km/h<MPH> 4.5<2.8>/2.8<1.7>								
	Swing speed	RPM 10								
	Boom swing angle,(L/R)	degrees 47/74								
	Ground contact pressure	Rubber track	kPa<PSI> 30.2<4.38>	31.4<4.55>	29.6<4.30>	30.8<4.47>	31.7<4.59>	32.8<4.77>	31.1<4.52>	32.3<4.69>
Hydraulic system	Pump capacity	l/min<GPM> 30.0<7.9>×2<Variable displacement pump>, 21.3<5.6>×1,11.3<3.0>×1<Gear pump>								
	Main relief set pressure	MPa<PSI> 20.6<2987>×2,18.1<2631>×1,2.9<427>×1								
Blade dimensions	Width X height	mm<ft-in> 1500/295<4'11"/0'12">								
	Stroke,Raise/Lower from G.L.	mm<ft-in> 340/355<1'14"/1'20">								
Fuel tank capacity		L<Gals> 30.5<8.07>								

Vi017

(Vi017)



Vi020

(Vi020-6)



Model			Vi017				Vi020-6				
Type			Canopy				Canopy				
Shoe type			Rubber crawler		Steel crawler		Quick coupler		without Quick coupler		
Operating Weight			1740<3836>		1800<3969>		2135<4707>		2195<4839> 2095<4619> 2155<4751>		
Engine	Type	-	Vertical 3 cylinder, water-cooled diesel				Vertical 3 cylinder, water-cooled diesel				
	Model	-	3TNV70-XBV				3TNV76-PBV1				
	Output	kW(hp)/min ⁻¹	10.1<13.5>/2200				14.6<19.6>/2400				
Performance	Bucket capacity, standard (ISO heaped)	cu .m<cu.ft>	0.05<1.77>				0.06<2.12>				
	Bucket width, standard (ISO heaped)	mm<in.>	450<17.8>				490<19.3>				
	Max digging force	Bucket	kN<lbF>	15.2<3417>				16.3<3664>		17.5<3934>	
		Arm	kN<lbF>	8.5<1918>				12.7<2855>		13.1<2945>	
	Traveling speed,high/low	km/h<MPH>	4.3/2.1<2.7/1.3>				4.2/2.2<2.6/1.4>				
	Swing speed	RPM	9.5				10				
Boom swing angle,(L/R)	degrees	42/65				46/74					
Ground contact pressure	Rubber track	kPa<PSI>	28.6<4.1>				25.9<3.76>		26.8<3.89> 25.4<3.68> 26.3<3.81>		
Hydraulic system	Pump capacity	L/min<GPM>	17.6<4.6>×2<Variable displacement pump> 13.2<3.5>×1, 7.9<2.08>×1<Gear pump>				21.6<5.7>×2<Variable displacement pump> 10.8<2.9>×1, 20.4<5.4>×1<Gear pump>				
	Main relief set pressure	MPa<PSI>	20.6<2987>×2, 16.7<639.6>×1				20.6<2987>×2, 16.7<2421>×1, 2.9<420>×1				
Blade dimensions	Width X height	mm<ft-in>	1280/950×235<4'2"/3'1"×9" >				1380×260<4'6"×10" >				
	Stroke,Raise/Lower from G.L.	mm<ft-in>	350/340<1'2"/1'4" >				365/360 <1'2"/1'2" >				
Fuel tank capacity			20<5.3>				27.5<7.26>				

Vi030 Vi035

(Vi030-6B) (Vi035-6B)



Model			Vi030-6B								Vi035-6B																							
Type			Canopy				Cabin				Canopy				Cabin																			
Shoe type			Quick coupler		without Quick coupler		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler																	
Operating Weight			3175 <7000>		3275 <7220>		3125 <6890>		3225 <7110>		3315 <7308>		3415 <7529>		3265 <7198>		3365 <7419>		3585 <7905>		3685 <8125>		3535 <7795>		3635 <8015>		3725 <8214>		3825 <8434>		3675 <8103>		3775 <8324>	
Engine	Type	-	Vertical 3 cylinder, water-cooled diesel								Vertical 3 cylinder, water-cooled diesel																							
	Model	-	3TNV80F-ZSBV								3TNV80F-ZSBV																							
	Output	kW(hp)/min ⁻¹	20.4<27.3>/2200[Gross]								20.4<27.3>/2200[Gross]																							
Performance	Bucket capacity, standard (ISO heaped)	cu.m<cu.ft>	0.10<3.53>								0.11<3.9>																							
	Bucket width, standard (ISO heaped)	mm<in.>	540<21.3>								590<23.2>																							
	Max digging force	Bucket	kN<lbF>	23.5<5283>		29.9<6722>		23.5<5283>		29.9<6722>		25.1<5643>		32.1<7216>		25.1<5643>		32.1<7216>																
		Arm	kN<lbF>	16.7<3754>		18.1<4069>		16.7<3754>		18.1<4069>		18.8<4226>		20.4<4586>		18.8<4226>		20.4<4586>																
	Traveling speed,high/low	km/h<MPH>	4.5<2.7>/2.7<1.6>								4.5<2.7>/2.7<1.6>																							
	Swing speed	RPM	10.5								9.5																							
Boom swing angle,(L/R)	degrees	43/65								43/65																								
Ground contact pressure	Rubber track	kPa<PSI>	29.3<4.25>		30.2<4.38>		28.8<4.19>		28.8<4.32>		30.8<4.44>		31.4<4.55>		30.1<4.37>		31.0<5.05>		33.1<4.80>		34.0<4.93>		32.7<4.74>		33.6<4.87>		34.3<4.97>		33.6<4.87>		33.9<4.92>		34.8<5.05>	
Hydraulic system	Pump capacity	L/min<GPM>	37.4<9.9>×2<Variable displacement pump>, 20.9<5.5>×1, 9.9<2.6>×1<Gear pump>								37.0<9.8>×2<Variable displacement pump>, 26.2<6.9>×1, 10.8<2.9>×1<Gear pump>																							
	Main relief set pressure	MPa<PSI>	20.6<2988>×2, 19.6<2843>×1								22.1<3205>×2, 21.1<3059>×1																							
Blade dimensions	Width X height	mm<ft-in>	1550<5'1" >								1740<5'8" >																							
	Stroke,Raise/Lower from G.L.	mm<ft-in>	375<1'3" >/325<1'1" >								425<1'5" >/370<1'3" >																							
Fuel tank capacity			41<10.8>								41<10.8>																							

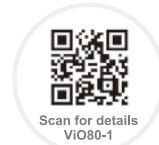
* Merchandise and features may differ depending on the region.

TRUE ZERO TAIL SWING MINI EXCAVATOR



Model		Vi045/50-6B								Vi055-6B								
Type		Canopy				Cabin				Canopy				Cabin				
Shoe type		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler		
Operating Weight		kg<lbs>	4705 <10373>	4835 <10659>	4605 <10152>	4735 <10439>	4875 <10748>	5005 <11034>	4775 <10527>	4905 <10814>	5355 <11806>	5385 <11872>	5255 <11585>	5285 <11651>	5535 <12203>	5565 <12269>	5435 <11982>	5465 <12048>
Engine	Type	Vertical 4 cylinder, water-cooled direct injection diesel																
	Model	4TNV88-ZPBV								4TNV84T-ZMBV								
	Output	28.1<37.7>/2200 [Gross]								33.4<48.4>/2200 [Gross]								
Performance	Bucket capacity, standard (ISO heaped)	0.14<4.94>								0.16<5.65>								
	Bucket width, standard (ISO heaped)	650<25.6>								700<27.6>								
	Max digging force	Bucket	28.9<6797>				36.5<8206>				28.9<6497>				36.5<8206>			
		Arm	20.8<4676>				22.7<5105>				20.8<4676>				22.7<5105>			
	Traveling speed, high/low	4.6<2.9>/ 2.4<1.5>				4.3<2.7>/ 2.1<1.3>				4.6<2.9>/ 2.4<1.5>				4.3<2.7>/ 2.1<1.3>				
	Swing speed	RPM 10								RPM 10								
Boom swing angle, (L/R)	degrees 68/68								degrees 68/68									
Ground contact pressure	Rubber track	kPa<PSI> 29.3<4.25> 30.5<4.42> 28.7<4.16> 29.9<4.34> 30.4<4.41> 31.6<4.56> 29.8<4.32> 31.0<4.50> 29.2<4.24> 29.7<4.31> 28.6<4.15> 29.2<4.24> 30.2<4.38> 30.7<4.45> 29.8<4.32> 30.2<4.38>																
Hydraulic system	Pump capacity	42.5<11.2>×2<Variable displacement pump>, 37.0<9.8>×1, 10.8<2.9>×1<Gear pump>								45.8<12.1>×2<Variable displacement pump>, 37.0<9.8>×1, 10.8<2.9>×1<Gear pump>								
	Main relief set pressure	MPa<PSI> 24.5<3553>×2, 21.6<3133>×1, 3.9<566>×1								24.5<3553>×2, 24.5<3553>×1, 3.9<566>×1								
Blade dimensions	Width X height	mm<ft-in> 1970/400 <6'6"/1'4">								1970/400 <6'6"/1'4">								
	Stroke, Raise/Lower from G.L.	mm<ft-in> 500/540<1'8"/1'9">				445/465<1'5"/1'6">				500/540<1'8"/1'9">				445/465<1'5"/1'6">				
Fuel tank capacity	L<Gals> 66<17.4>																	

TRUE ZERO TAIL SWING EXCAVATOR



Model		Vi080-1				Vi082					
Type		Cabin				Cabin					
Shoe type		Quick coupler		without Quick coupler		Quick coupler		without Quick coupler			
Operating Weight		kg<lbs>	8225<18136>	8285<18268>	8065<17780>	8125<17913>	8380<18474>	8440<18607>	8220<18122>	8280<18254>	
Engine	Type	Vertical 4 cylinder, water-cooled direct injection diesel									
	Model	4TNV98-ZWBV2				4TNV98C-WBV1					
	Output	kW(hp)/min ¹ 42.4<56.9>/2000				42.4<56.9>/2000					
Performance	Bucket capacity, standard (ISO heaped)	0.28<9.89>									
	Bucket width, standard (ISO heaped)	700<27.6>									
	Max digging force	Bucket	50.4<11330>				63.5<14275>				
		Arm	37.2<8683>				40.8<9172>				
	Traveling speed, high/low	4.5<2.8>/2.5<1.6>		4.1<2.6>/2.3<1.4>		4.5<2.8>/2.5<1.7>		4.6<2.9>/2.3<1.4>		5.0<3.1>/2.5<1.6>	
	Swing speed	RPM 9.0									
Boom swing angle, (L/R)	degrees 57/60										
Ground contact pressure	Rubber track	35.8<5.19>		36.2.<5.25>		35.8<5.19>		36.2.<5.25>		36.5<5.29>	
Hydraulic system	Pump capacity	70.3(18.6)×2+53.2(14.0)<Variable displacement pump>, 18(5.0)×1<Gear pump>				124.6<32.9>×2<Variable displacement pump>, 19<5.0>×1<Gear pump>					
	Main relief set pressure	MPa<PSI> 25.5<3699>×2, 24.0<3481>×1, 2.9<421>×1				25.8<3742>×2+2.9<421>					
Blade dimensions	Width X height	mm<ft-in> 2260<7'5">									
	Stroke, Raise/Lower from G.L.	460<1'6">/480<1'7">		440<1'5">/500<1'8">		460<1'6">/480<1'7">		440<1'5">/500<1'8">			
Fuel tank capacity	L<Gals> 115<30.4>										

ULTRA TIGHT TURNING EXCAVATOR

SV100
(SV100-2B)



Model			SV100-2B				
Type			Cabin				
Shoe type			Quick coupler		without Quick coupler		
Operating Weight			Rubber crawler	Steel crawler	Rubber crawler	Steel crawler	
Operating Weight			9775<21550>	9825<21660>	9625<21219>	9675<21330>	
Engine	Type	-	Turbo charged vertical 4 cylinder, water-cooled direct injection diesel				
	Model	-	4TNV98T-ZSBV2				
	Output	kW(hp)/min ⁻¹	54.7<73.3>/2200				
Performance	Bucket capacity, standard (ISO heaped)	cu.m<cu.ft>	0.30<10.59>				
	Bucket width, standard (ISO heaped)	mm<in.>	850		950		
	Max digging force	Bucket	kN<lbf>	54.3<12216>		68.5<15399>	
		Arm	kN<lbf>	42.3<9509>		45.8<10296>	
	Traveling speed,high/low	km/h<MPH>	4.4<2.7>/2.5<1.6>	4.0<2.5>/2.2<1.4>	4.4<2.7>/2.5<1.7>	4.0<2.5>/2.2<1.4>	
	Swing speed	RPM	9.1				
Boom swing angle,(L/R)	degrees	60/60					
Ground contact pressure	Rubber track	kPa<PSI>	37.9<5.5>	38.8<5.6>	37.9<5.5>	38.8<5.6>	
Hydraulic system	Pump capacity	L/min<GPM>	77.7<20.5>×2, 57.5<15.2>×1<Variable displacement pump>, 20<5.3>×1<Gear pump>				
	Main relief set pressure	MPa<PSI>	27.5(3988)×2, 24.0(3481)×1, 2.9(421)×1				
Blade dimensions	Width X height	mm<ft-in>	2320<7'7">				
	Stroke,Raise/Lower from G.L.	mm<ft-in>	520<1'8">/460<1'6">	495<1'7">/485<1'7">	520<1'8">/460<1'6">	495<1'7">/485<1'7">	
Fuel tank capacity	L<Gals>	115					

WHEEL LOADER

V4
(V4-7)



Model			V4-7	
Type			Cabin	Canopy
Operating Weight			3865<8521>	3640<8025>
Engine	Type	-	Vertical 4 cylinder, water-cooled direct injection diesel (DPF + Commonrail system)	
	Model	-	4TNV88C-NKAH	
	Output<Gross>	kW<HP>/min ⁻¹	30.5<40.9>/2500	
Performance	Displacement	cm ³ <cu.in ³ >	2189<133.6>	
	Bucket capacity, std.	m ³ <yd ³ >	0.5<0.65>	
	Operating load	kN<lb>	11.3<2535>	
	Lifting capacity at Low end/at MAX reach	kN<lb>	33.1<7441>/23.8<5350>	
	Tipping load Straight/Full turn	kN<lb>	27.0<6070>/22.5<5058>	
	Breakout force	kN<lb>	24.5<5508>	
	Dumping clearance	mm<ft-in>	2420<7'11">	
	Traveling speed	km/h<mph>	19.0<11.8>	
	Oscillation angle	degree	±8	
	Min.tuning radius	mm<ft-in>	3805<12'6">	
Electronic	Battery capacity<5hours rate capacity>	Ah	295<12">	
	Generator capacity	V/A	72	
Front Hyd. P.T.O.	Maximum flow	L<US gal>/min	12/80	
	Set pressure	kPa<PSI>	56<14.8>	
Steering	Type	-	20590<3000>	
	Articulate angle	degree	Center-pivot frame articulation with Full hyd.power	
Transmission	Type	-	40.5	
Drives	Type	-	Automatic hydrostatic	
Wheels	Type	-	4-wheel drive	
Brakes	Type	-	15.5/60-18-8PR	
Transport Dimensions	L×W×H	mm<ft-in>	Fully enclosed,mechanical,wet,multiple disc	
	Fuel tank capacity	L<US gal>	4425×1690×2555<14'6"×5'7"×8'5">	4425×1690×2545<14'6"×5'7"×8'4">
Filling capacity	Engine oil	L<US gal>	55<14.5>	
	Hydraulic oil tank	L<US gal>	7.4<1.95>	
	Coolant	L<US gal>	52<13.7>	
	Front axle/Rear axle	L<US gal>	4.7<1.2>	
			7.5<2.0>/9.5<2.5>	

* Merchandise and features may differ depending on the region.

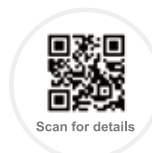
CRAWLER CARRIER

C12R (C12R-C)



Model				C12R-C	
Dumping mechanism				One-way dump type	Three-way dump type
Operating weight	Net, unloaded		kg<lbs>	1010<2227>	1100<2426>
	Type		-	Vertical 2 cylinder, water-cooled diesel	
Engine	Model		-	402J-05 IG84555R	
	Output		kW(hp)/min ⁻¹	7.7<10.4>/2800	
Performance	Max. payload		kg<lbs>	1150<2540>	
	Dumping Angle	Rear	degrees	58	56
		Side	degrees	-	58
	Dump clearance		mm<ft-in>	310<1'>	325<1'11">
	Wagon capacity	Struck	m ³ <cu. ft.>	0.04<35.3>	
		Heaped	m ³ <cu. ft.>	0.52<18.3>	
	Travel speed	Forward	km/h<MPH>	0 to 5.5<0 to 3.4>	
Reverse		km/h<MPH>	0 to 5.5<0 to 3.4>		
Under carriage	Crawler width		mm<ft-in>	230<9">	
	Min. ground clearance		mm<ft-in>	150<6">	
	Ground contact pressure	w/o load	kPa<kgf/cm ² >	18.2<0.19>	19.9<0.21>
w/ load		kPa<kgf/cm ² >	39.0<5.66>	40.7<5.89>	
Hydraulic system for dump	Pump		Gear		
	Control valve		Single spool		
Fuel tank capacity			L<Gals>	14.5<4>	

C30R (C30R-3)



Model				C30R-3	
Dumping mechanism				180°turning	One-way dump type
Operating weight	Net, unloaded		kg<lbs>	2865<6317>	2650<5843>
	Type		-	Vertical 4 cylinder, water-cooled direct injection diesel	
Engine	Model		-	4TNV88C-KFW	
	Output		kW(hp)/min ⁻¹	34.3<46.0>/2800	
Performance	Max. payload		kg<lbs>	2500<5513>	
	Dumping Angle	Rear	degrees	85	58
		Side	degrees	-	-
	Dump clearance		mm<ft-in>	730<2'5">	455<1'6">
	Wagon capacity	Struck	m ³ <cu. ft.>	1.13<39.9>	0.88<31.1>
		Heaped	m ³ <cu. ft.>	1.50<53.0>	1.24<43.8>
	Travel speed	Forward	km/h<MPH>	0 to 11<0 to 6.8>	
Reverse		km/h<MPH>	0 to 11<0 to 6.8>		
Under carriage	Crawler width		mm<ft-in>	320<1'1">	
	Min. ground clearance		mm<ft-in>	280<11">	265<10">
	Ground contact pressure	w/o load	kPa<kgf/cm ² >	29.8/55.7<0.30/0.57>	
w/ load		kPa<kgf/cm ² >	27.5/53.5<0.28/0.55>		
Hydraulic system for dump	Pump		Gear		
	Control valve		Single spool, hydraulic control		
Fuel tank capacity			L<Gals>	58<15.3>	

LIGHTING TOWER



ELB43SD



ELB113BD

	Model		ELB43SD	ELB113BD		
	Lighting Tower	Voltage	V	AC230	-	
Rated Voltage		V	-	90 to 130 ,170 to 240		
Current		A	7.8<1.95×4 lamps>	-		
Current		Starting	A	-	5.2<230V>	
		Operating	A	-	4.9<230V>	
Lamp		Type	-	Metal Halide	Metal Halide	
		Wattage × No.of lamp	W	400×4	1,000×1	
		Total Luminous Flux	lm	136000	105000	
		Outside temperature	°C	-5 to 40	-5 to 40	
Dimension (L×W×H)		Working	mm<ft.in.>	1600×1550×2060×4160 <5'3"×5'1"×6'6"× to 13'7">	1600×1550×2360 to 4460 <5'3"×5'1"×7'7"× to 14'6">	
			Storage	mm<ft.in.>	1040×1030×1700 <3'4"×3'3"×5'6">	1040×800×1740 <3'4"×2'6"×5'7">
		Mast	Number of Stage	-	3	3
			Type	-	Telescopic Manual	Telescopic Manual
Weight		kg	131.5	110		
Generator	Model	-	YDG300NS	YDG300NS		
	Output	Kw	3.0	3.0		
	Starting System	-	Electric	Electric		
	Fuel Oil /Tank capacity	L	Diesel Fuel/14.5	Diesel Fuel/14.5		
	Dry Weight	kg	152	152		
Survival wind speed(with outrigger)	-	102km/h	102km/h			
Total Weight	kg	283.5	262			

GENERATOR



YDG300NS

	Model		YDG300NS	
	Generator	Type		Revolving-field type single phase AC generator
Frequency		Hz	50	
Rated output AC		kW	3.0	
Voltage		V	230	
Current		A	13.0	
Power factor			1.0	
Number of phases			Single Phase	
Number of poles			2	
Excitation system			Self-excited compensating capacitor/brushless	
Engine		Model		L70N5
	Type		Vertical,4-cycle,air-cooled diesel engine	
	Displacement	cc	320	
	Output continous rating	kW(hp)/min ⁻¹	4.1<5.5>/3000	
	Combustion system		Direct injection system	
	Number of cylinder × bore ×stroke	mm	1×Φ78×67	
	Lubrication System		Forced lubrication	
	Starting system		Electric starting<starter>	
	Fuel		Diesel fuel	
	Fuel tank capacity	L	Max 15.0/Expendable 14.5	
	Lubrication oil		CD class<10W-30>	
	Lubrication oil capacity	Max	L	1.1
		Expendable	L	0.4
Unit	Dimension L × W ×H	mm	713×598×687	
	Dry mass	kg	149	

* Merchandise and features may differ depending on the region.



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All data subject to change without notice.