

Wacker Neuson – all it takes



Concrete Technology



Rammers



Vibration Plates



Light Towers



Pumps



Track Loaders



Excavators



Wheel Loaders



Telehandlers



Rollers



Generators



Dumpers



**WACKER
NEUSON**
all it takes!

Product Guide



A single source for reliable solutions.

Wacker Neuson can trace its roots back to 1848, when Johann Christian Wacker founded a blacksmith's shop in the city of Dresden, Germany. In 1930, we registered our first patent for an electric rammer designed to compact soil. Today, as part of the global Wacker Neuson Group, we have over 200 patents and 300 models and serve a highly diverse range of markets.

Wacker Neuson - all it takes!

No matter what challenges you may face on the job site, Wacker Neuson has all it takes. We offer customers across the globe a comprehensive range of equipment designed for applications across the construction, landscape, agriculture, industrial and municipal industries. Our diverse range of products includes concrete technology, compaction equipment, light towers, generators, pumps, heaters, skid steers, compact and utility track loaders, excavators, wheel loaders, telehandlers and dumpers. Wacker Neuson products are sold, rented and serviced by a quality dealer network near you.



Find a dealer

Telehandlers



Telehandlers

	Unit	TH412	TH627
Max. operating power at operating speed	hp rpm	24.7 / 44.7 @ 2,600	74.3 @ 2,600
Engine type		Yanmar 3TNV80FT / Yanmar 3TNV86CHT, liquid cooled, 3-cylinder, turbo diesel engine.	Kohler KDI 2504, liquid-cooled, 4-cylinder, turbo diesel engine.
Operating capacity, boom retracted (bucket)	lbs	2,579	5,335
Operating capacity, boom retracted (forks)	lbs	2,381	5,512
Fuel tank capacity	gal	8.7	26.4
Hydraulic tank capacity	gal	9.5	19.8
Travel speed	mph	0 - 12.4	0 - 12.4 / 0- 18.6
Aux. hydraulic flow rate	gpm	7.6 / 18.5	23.5
Pressure	psi	3,191	3,771
Overall length with bucket	in	155.3	196.9
Overall width	in	61.6	77.2
Overall height	in	78.5	78.1
Hinge pin height (ext.)	in	178.6	239.0
Loading height ext. (forks / bucket)	in	169.3 / 163.9	228.0 / 219.3
Operating weight	lbs	6,063 / 6,393	10,803
Standard tires		10.0/75-15.3 AS ET40	12.5-18 MPT-04

ZERO EMISSION

CONCRETE TECHNOLOGY

COMPACTION

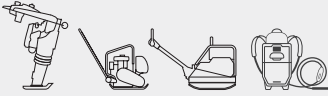
UTILITY

DUMPERS

EXCAVATORS

LOADERS

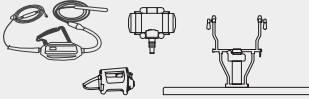
zero emission



04

ZERO EMISSION

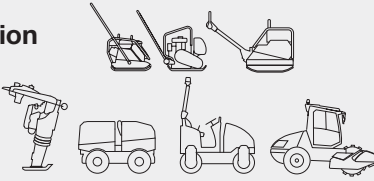
Concrete Technology



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CONCRETE
TECHNOLOGY

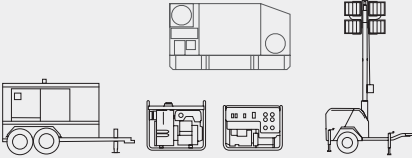
Compaction



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COMPACTION

Utility



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UTILITY

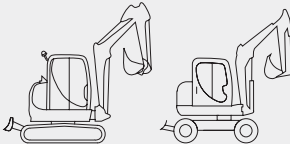
Dumpers



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DUMPERS

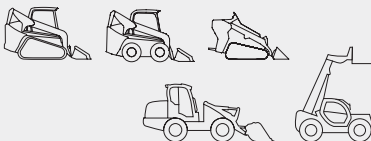
Excavators



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EXCAVATORS

Loaders



80

LOADERS

zero emission



Battery-powered Internal Vibrator

	Unit	Converter backpack ACBe	internal vibrator IEe
Operating weight with/without BOB10	lb	29.76 / 9.25	–
Operating weight with/without BOB14	lb	30.45 / 9.25	–
Rated current	A	20	–
Input/ output voltage V	V	51 (3~) / 34 (3~)	–
Output frequency	Hz	1.01	–
Output performance	kW	0.79	–
Vibrator head diameter	in	–	1.5 / 1.8 / 2.3
Hose lengths	in	–	4.9 / 9.8 / 16.4
Running time with a battery charge (BOB10)	hr	–	Up to 4 hours of running time

Battery-powered Single-direction Vibratory Plates

	Unit	APS1135e	APS1340e
Operating weight (without / with water tank)	lb	127.9/132.2	154.4/158.7
Centrifugal force	lbf	2,473	2,923
Operating width	in	13.8	15.8
Frequency	VPM	5,880	5,880
Advanced travel	ft/min	85.3	85.3



Battery-powered Vibratory Rammers

	Unit	AS50e	AS60e
Operating weight	lb	155.2	155.2
Ramming shoe	in	11	11
Stroke	in	1.7	2.1
Max. percussion rate	(rpm)	680	680

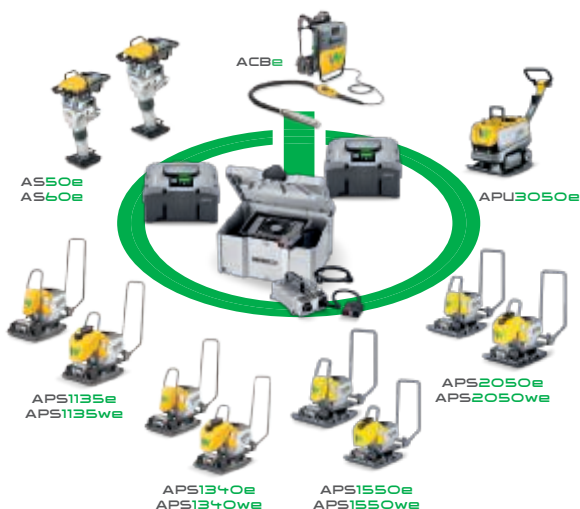
Battery-powered Reversible Vibratory Plate

	Unit	APU3050e
Operating weight	lb	467
Centrifugal force	lbf	6,744
Operating width	in	19.7
Frequency	VPM	5,400
Advanced travel	ft/min	62.3

APS1550e	APS2050e
170/181	192/203
3,372	4,496
19.7	19.7
5,880	5,880
85.3	85.3

BATTERYONE One battery for all

Battery One batteries can power our rammers, plates and internal vibrator system. They are specially developed for tough applications.



	Unit	BOB5	BOB10	BOB14
Energy content	Wh	504	1,008	1,425
Weight	lb	14.2	20.5	21.2
Length x width x height	in	8.66 x 11.42 x 7.72	8.66 x 11.42 x 7.72	8.66 x 11.42 x 7.72
Capacity	Ah	10	20	28
Rated voltage	V	51	51	51

Charging and transport solutions

Battery One also offers practical transport and charging boxes. Batteries are easily changed without tools.



	Unit	BOC7	BOC13
Charging current	A	7	13
Charging time	min	90-275	50-112

zero emission



803
dualpower

ZERO EMISSION

CONCRETE
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DUMPERS

EXCAVATORS

LOADERS

Dualpower Excavator

	Unit	803 dualpower	HPU8
Max. operating power at operating speed	hp/rpm	15.4 @ 2,500	10.0
Engine type		Yanmar 3TNV74F, liquid-cooled, 3-cylinder, turbo diesel engine.	400 Volt, 3-phase, electric motor
Fuel tank capacity	gal	1.8	–
Travel speed	mph	0 – 1.1	–
Track width	in	7.1	
Track rollers per side		2	
Ground clearance	in	5.1	–
Ground pressure	psi	3.4	–
Max. arm force	lbf	1,014	–
Max. bucket digging force	lbf	2,021	–
Pump capacity	gal/min	2 x 2.8	5.3
Operating pressure for working hydraulics	psi	2,466	3,046
Operating pressure for swing gear	psi	1,015	–
Hydraulic tank capacity	gal	3.7	2.5
Height (ROPS in up position)	in	89	39.4
Width (track in / out)	in	27.6 / 33.5	28.3
Transport length (boom down)	in	108.1	36.6
Max. digging depth	in	69.5	–
Max. dumping height	in	79.2	–
Digging radius	in	121.7	–
Transport weight / Operating weight	lbs	2,182 / 2,396	423
Hydraulic hose length	ft	–	39.4

Internal Vibrators

BASIC



Electric Flex-shaft Vibrators

	Unit	M1500	M2500
Drive system		Double-insulated universal motor	
Voltage 1~	V	120	120
Current	A	12.5	15
Power	hp	2.0	2.5
Weight	lb	10.9	11.9

Shafts

	Unit	SM1-E	SM2-E	SM3-E	SM4-E	SM5-E	SM7-E
Length	in	39.4	78.7	118.2	157.5	197	275.8
Weight	lb	3.3	5.5	7.5	9.5	11	15.4

Heads

	Unit	H25S	H25HA	H35S	H35HA
Diameter	in	1	1	1.4	1.4
Length	in	11.6	15	12.2	15.9
Weight	lb	1.8	2.9	3.5	5.1



M1500

M2500

SM 1-E SM 2-E SM 3-E SM 4-E SM 5-E SM 7-E

Shaft and Head Chart

H25

H25HA



M1500 or M2500

SM 0-S SM 1-S SM 2-S SM 3-S SM 4-S SM 5-S SM 7-S SM 9-S

T-handle guide

H35

H35HA

H45

H45HA



M1500 or M2500

H50HA

H65

HR48

HR65

HR70

HR70S



M2500 only



Green
M1500



Red
M2500

H = Vibrator Head (Number = Head diameter in mm),
HA = High Amplitude,
HR = Rubber Coated,
S = Short head, SM = Flexible
Shafts (Number = Length
in meters, 0 = 0.5 meters),
E = Economy, S = Standard

SM0-S SM1-S SM2-S SM3-S SM4-S SM5-S SM7-S SM9-S

19.7 39.4 78.7 118.1 157.5 196.8 275.6 354.3

2.9 6 9.5 13 15.7 20.6 28.4 33.3

H45S H45HA H50HA H65 HR48 HR65 HR70 H70S

1.8 1.8 2 2.6 1.9 2.5 2.75 2.75

12 15.4 15.6 15.2 6 15 15 6

6.2 7.3 8.5 13.7 6 8.4 11 6

Internal Vibrators

ADVANCED



Internal Vibrators

	Unit	IEC45	IEC58
Vibrator Head Diameter	in	1.8	2.3
Effective consolidation diameter*	in	23.6	33.5
Input voltage ~	V	120	120
Current	A	8	8
Frequency	Hz	50-60	50-60
Protective hose/ power cable	ft	10-26.3 / 17.4	10-26.3/17.4

IRFLEX

	Unit	IRflex38	IRflex45
Vibrator head diameter	in	1.5	1.8
Effective consolidation diameter*	in	19.7	23.6
Protective hose length	ft	9.8 / 164	16.4
Head length	in	13.6	15

* This is non-binding information based on the practical experience of our customers under certain operating conditions. This information may differ under certain conditions. We recommend first attempting trial concreting work under the operating conditions.

Internal Vibrators

PREMIUM with integrated converter



Internal Vibrators

	Unit	FUFlex4/120
Input voltage ~	V	120
Current	A	12
Frequency	Hz	50 - 60
Power cable	ft	49.2

IRflex58	IRflex60HR
2.3	2.6
33.5	33.5
16.4/26.2/32.8/49.2	16.4/32.8
15.8	15.8

IRFU

	Unit	IRFU65
Vibrator head diameter	in	2.6
Effective consolidation diameter*	in	39.4
Input voltage ~	V	120
Current	A	15
Frequency	Hz	50-60
Protective hose length	ft	16.4 / 26.2

Backpack Vibrators



Backpack Vibrators

	Unit	BV50A-H**
Length x width x height	in	23 x 19 x 23
Weight w/o shaft & head	lb	29
Shaft	ft	10, 13, 16.5
Head diameter	in	1, 1-3/8, 1-3/4, 2
Frequency (no load)	vpm	12,000
Engine type		4-cycle, overhead valve, single-cylinder, air-cooled, gasoline Honda GXH 50
Starter		Recoil
Operating speed	rpm	variable
Fuel tank capacity	gal	0.8
Fuel consumption	qt/h	0.9

BV50A-H Backpack Shaft and Head Chart

	Allowable combinations for H25HA			Allowable combinations for H35HA-50HA		
	SM 3-E	SM 4-E	SM 5-E	SM 3-S	SM 4-S	SM 5-S
H25HA						
H35HA						
H45HA						
HR48						
H50HA						



BV50A-H

** Backpack heads and shafts sold separately.

ACBe



Battery-powered Backpack Vibrators

	Unit	ACBe**
Length x width x height	in	11.7 x 9.3 x 22
Weight w/battery BOB10 / BOB14	lb	29.76 / 30.45
Shaft	ft	5.0 / 10.0 / 16.5
Head diameter (IEe38 / IEe45 / IEe58)	in	1.5 / 1.8 / 2.3
Power source		Electric, Battery BOB5 / BOB10 / BOB14, Li-Ion
Battery weight BOB10 / BOB14	lbs	20.5 / 21.2
Battery voltage	V	51.0
Battery content BOB10 / BOB14	Wh	1,008 / 1,425
Battery charge time (max) BOC7 / BOC13	min	90-276 / 50-112

Internal Vibrators

	Unit	IEe38	IEe45	IEe58
Vibrator head diameter	in	1.5	1.8	2.3
Weight with 1.5 m hose	lb	8.8	11.5	17
Weight with 3.0 m hose	lb	11.5	14	21
Weight with 5.0 m hose	lb	14.1	19.4	26.7
Rated current	A	6.2	9.9	14.8
Voltage (~3)	V	34	34	34
Output frequency	Hz	200	200	200
Output performance	kW	0.29	0.47	0.7
Protection class		IP67	IP67	IP67

External Vibrators



External Vibrators*

	Unit	AR26/6/042	ARFU26/6/120
Vibrations	rpm	6,000	6,000
Max. centrifugal force	lbf	780	780
Rated voltage	V	42,3 ~	110
Rated current	A	8.0	12
Weight	lb	16.53	24.7
Fastening	mm	90 x 125	90 x 125

Fasteners*

	Unit	SV4	SV4L	SV5	SV53	SV54
Length	in	12.8	16.5	15.2	15.3	16.1
Width	in	7.7	7.7	7.7	8.1	6.3
Height	in	4.8	4.8	4.8	3.9	8.0
Weight	lb	9.5	12.5	12.1	11.7	13.7

Frequency Converter*

	Unit	FUE6/042/200
Weight	lb	67.2
Input/Output voltage	V	220, 1~ / 42, 3~
Input/Output frequency	Hz	50-60 / 200
Input/Output current	A	22/50
Power cable	ft	32.8
Receptacles	units	4

*USA only.

Screed



Wet Screed

	Unit	P35A
Length x width x height	in	36.7 x 36.7 x 35.6
Weight	lbs	34.2
Engine type		Honda GX35, 4-cycle, air-cooled ,gasoline engine.
Operating speed	rpm	variable
Fuel tank capacity	qt	0.7
Fuel consumption	qt/h	0.6
Shipping weight	lbs	41
Shipping size	in	26.3 x 19 x 24.5

Blades*

	Unit	SB4F	SB5F	SB6F	SB20M	SB8F	SB10F
Length	ft	4	5	6	6.6	8	10
Width	in	6.1	6.1	6.1	6.1	6.1	6.1
Weight	lbs	6.1	7.7	9.1	11.7	12.3	15.3

	Unit	SB12F	SB14F	SB16F
Length	ft	12	14	16
Width	in	6.1	6.1	6.1
Weight	lbs	18.3	22	25

* Magnesium wet screed blades

ZERO EMISSION

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EXCAVATORS

LOADERS

Vibratory Rammers



BS50-2plus

BS70-2plus

BS60-2plus

Oil-injected Rammers

	Unit	BS50-2plus*	BS60-2plus*	BS70-2plus*
Length x width x height	in	26.5 x 13.5 x 37	26.5 x 13.5 x 38	26.5 x 13.5 x 38
Shoe size (w x l)	in	11 x 13	11 x 13	11 x 13 or 13 x 13
Operating weight	lbs	130	146	163
Stroke	in	2.5	2.6	2.6
Percussion rate	blows/min	700	700	700
Impact force	lbf	3,597	4,047	4,496
Travel speed	ft/min	31	32	29
Compacted area 11 in shoe 13 in shoe	ft ² /h	1,710	1,763	1,598 1,884
Engine type		Wacker Neuson WM 80, air-cooled, 2-cycle, single-cylinder, gasoline engine.		
Displacement	in ³	4.9	4.9	4.9
Operating speed	rpm	4,400	4,400	4,400
Max. rated power	hp rpm	2.2 @ 4,400	2.4 @ 4,400	2.7 @ 4,400
Fuel to oil ratio		100:1	100:1	100:1
Fuel consumption	qt/h	1.1	1.3	1.4
Fuel tank capacity	qt	3.2	3.2	3.2
Oil tank capacity	qt	1.3	1.3	1.3

*Model available while supplies last.



AS60E

AS62e
AS68eCONCRETE
TECHNOLOGY

COMPACTION

[illegible]

DUMPERS

EXCAVATORS

LOADERS

Vibratory Rammers



4-cycle Vibratory Rammers

	Unit	BS62-4AB
Length x width x height	in	26.1 x 13.7 x 36.2
Shoe size (w x l)	in	11 x 13
Operating weight	lbs	141.1
Stroke	in	2.7
Percussion rate	blows/min	689
Impact force	ibf	3,821.8
Travel speed	ft/min	39
Compacted area 11 in shoe	ft²/h	2,174.3
Engine type		Honda GXR120, air-cooled, 4-cycle, single-cylinder, gasoline engine.
Displacement	in³	5.98
Operating speed	rpm	3,600
Max. rated power	hp rpm	3.6 @ 3,600
Fuel consumption	qt/h	0.8
Fuel tank capacity	qt	3.2



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BS68-4Ab	
	26.1 x 13.7 x 37.4
	11 x 13
	154.3
	2.5
	689
	4,271.4
	39
	2,174.3
	Honda GXR120, air-cooled, 4-cycle, single-cylinder, gasoline engine.
	5.98
	3,600
	3.6 @ 3,600
	0.8
	3.2

Single-direction Vibratory Plates

WP1550A
WP1550Aw



Vibratory Plates

	Unit	WP1550A / WP1550Aw
Length x width x height	in	34.5 x 19.6 x 37.9
Lowest working height	in	20.7
Size of baseplate (w x l)	in	19.6 x 22.8
Operating weight	lbs	196.2
Water tank	qt	11
Compacted area*	ft²/h	9,365
Forward speed*	ft/min	95
Gradeability	%	36.4
Vibration frequency	vpm	5,880
Centrifugal force	lbs	3,375
Engine type		Honda GX160, air-cooled, 4-cycle, single-cylinder, gasoline engine.
Displacement	in³	9.9
Operating speed	rpm	3,600
Max. rated power	hp rpm	4.15 @ 3,600
Fuel tank capacity	gal	0.95
Fuel consumption	gal/h	0.21
Wheel kit option		yes

* Specifications vary depending on soil or asphalt. **Model available while supplies last.



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LOADERS

VP1550A / VP1550Aw***	VP2050A / VP2050Aw**
40.7 x 19.9 x 37	40.7 x 19.9 x 37
21.8	21.8
19.9 x 23.4	19.9 x 23.4
205 / 222.6	221 / 238.6
9.5	9.5
9,365	9,365
95	95
36.4	36.4
5,880	5,880
3,372	4,496

Honda GX160, air-cooled, 4-cycle, single-cylinder, gasoline engine.

3,900	3,900
4.8 @ 3,600	4.8 @ 3,600
0.95	0.95
0.2	0.2
yes	yes
yes	yes

*** Canada only while supplies last.

Single-direction Vibratory Plates



BPS1030A
BPS1030Aw

BPS1135A
BPS1135Aw

BPS1340A
BPS1340Aw

Vibratory Plates

	Unit	BPS1030A / BPS1030Aw*	BPS1135A / BPS1135Aw	BPS1340A / BPS1340Aw
Length x width x height	in	36.6 x 12.5 x 26.1	36.6 x 14 x 26.1	36.6 x 15.7 x 26.1
Lowest working height	in	26.1	26.1	26.1
Size of baseplate (w x l)	in	11.8 x 23.6	13.8 x 23.6	15.8 x 23.6
Operating weight	lbs	116.8 / 123.5	134.4 / 138.9	156.5 / 167.6
Water tank	qt	9.5	9.5	9.5
Compacted area**	ft ² /h	5,382	5,877	6,717
Forward speed**	ft/min	85.3	85.3	85.3
Gradeability	%	36.4	36.4	36.4
Vibration frequency	vpm	5,880	5,880	5,880
Centrifugal force	lbs	2,248	2,473	2,923
Engine type		Honda GX120, air-cooled, 4-cycle, single-cylinder, gasoline engine.		
Max. rated power	hp rpm	4 @ 3,600	4 @ 3,600	4 @ 3,600
Fuel tank capacity	gal	0.66	0.66	0.66
Fuel consumption	gal/h	0.26	0.26	0.26
Wheel kit option		no	yes	yes

* Canada only. ** Specifications vary depending on soil or asphalt.



BPS1550A
BPS1550Aw

BPS1550B
BPS1550Bw

BPS2050B
BPS2050Bw

BPS2050A
BPS2050Aw

BPS1550A / BPS1550Aw	BPS1550B / BPS1550Bw	BPS2050A / BPS2050Aw	BPS2050B / BPS2050Bw
38.1 x 19.7 x 26.1	38.1 x 19.7 x 26.1	40.7 x 19.7 x 26.1	40.7 x 19.7 x 26.1
26.1	26.1	26.1	26.1
19.7 x 23.6	19.7 x 23.6	19.7 x 23.6	19.7 x 23.6
184.5 / 196.4	185.4 / 196.3	206.5 / 218.5	207.5 / 219.4
9.5	8.4	9.5	8.4
8,073	8,073	8,073	8,073
82	82	82	82
36.4	36.4	36.4	36.4
5,880	5,880	5,880	5,880
3,372	3,372	4,496	4,496
Honda GX160, air-cooled, 4-cycle, single-cylinder, gasoline engine.	Briggs & Stratton XR750B, air-cooled, 4-cycle, single-cylinder, gasoline engine.	Honda GX160, air-cooled, 4-cycle, single-cylinder, gasoline engine.	Briggs & Stratton XR750B, air-cooled, 4-cycle, single-cylinder, gasoline engine.
4.8 @ 3,600	4.8 @ 3,600	4.8 @ 3,600	4.8 @ 3,600
0.95	0.8	0.95	0.8
0.21	0.3	0.21	0.3
yes	yes	yes	yes

Single-direction Vibratory Plates



APS1135e
APS1135we

APS1340e
APS1340we

Battery-powered Vibratory Plates

	Unit	APS1135e / APS1135We	APS1340e / APS1340We
Length x width x height	in	36.6 x 13.8 x 26.1	36.6 x 15.8 x 26.1
Lowest working height	in	26.1	26.1
Size of baseplate (w x l)	in	13.8 x 23.6	15.8 x 23.6
Operating weight	lbs	127.9 / 132.2	154.3 / 158.7
Water tank	qt	9.5	9.5
Compacted area*	ft ² /h	5,877	6,716
Forward speed*	ft/min	85.3	85.3
Gradeability	%	46.6	46.6
Vibration frequency	vpm	5,880	5,880
Centrifugal force	lbs	2,473	2,923
Power source		Battery BOB10 / BOB14	
Battery		Li-Ion	
Battery Weight BOB10 / BOB14	lbs	20.5 / 21.2	
Battery L x W x H	in	8.7 x 11.4 x 7.7	
Battery voltage	V	51	
Battery content BOB10 / BOB14	Wh	1,008 / 1,425	

* Specifications vary depending on soil or asphalt.



APS1550e
APS1550We



APS2050e
APS2050We

APS1550e / APS1550We		APS2050e / APS2050We	
36.6 x 19.7 x 26.1		36.6 x 19.7 x 26.1	
	26.1	26.1	
19.7 x 23.6		19.7 x 23.6	
169 / 181		191 / 203	
8.4		8.4	
8,073		8,073	
84		84	
46.6		46.6	
5,880		5,880	
3,372		4,496	
Battery BOB10 / BOB14			
Li-Ion			
20.5 / 21.2			
8.7 x 11.4 x 7.7			
51			
1,008 /1,425			

Reversible Vibratory Plates



Reversible Vibratory Plates

	Unit	WPU1550A / WPU1550AW	BPU2540A
Operating width	in	19.7	15.8
Machine height	in	23.7	26
Operating height	in	39.84	31.5 - 45.0
Operating weight	lbs	224.9 / 231.5	309
Base plate thickness	in	0.4	0.4
Centrifugal force	lbs	3,372	5,625
Frequency	vpm	5,800	5,400
Forward and reverse travel*	ft/min	65	68.9
Compacted area*	ft ² /h	8,718	5,425
Gradeability*	%	30	30
Engine type		Honda GX160, air-cooled, 4-cycle, single-cylinder gasoline engine.	Honda GX160, air-cooled, 4-cycle, single-cylinder gasoline engine.
Max. rated power	hp rpm	4.8 @ 3,600	5.5 @ 3,600
Fuel tank capacity	qt	3.8	3.9
Fuel consumption	qt/h	.84	0.9
Water tank capacity	qt	12.8	-

* Specifications vary depending on soil or asphalt.



ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

APU3050e	BPU3050A
19.7	19.7
24.3	27.5
46.8	31.5 - 45.0
467.4	366
0.4	0.4
6,744	6,744
5,400	5,400
62.3	68.9
6,135	6,781
48	30
Electric Battery BOB10 / BOB14 Li-ion	Honda GX270, air-cooled, 4-cycle, single-cylinder gasoline engine.
-	9.0 @ 3,600
-	5.3
-	1.2
-	-

UTILITY

DUMPERS

EXCAVATORS

LOADERS

Reversible Vibratory Plates

BPU3750A



Reversible Vibratory Plates

	Unit	BPU3750A
Operating width	in	19.7
Machine height	in	29.4
Operating height	in	36.8 - 51.3
Operating weight	lbs	529
Base plate thickness	in	0.4
Centrifugal force	lbs	8,318
Frequency	vpm	5,400
Forward and reverse travel**	ft/min	82
Compacted area**	ft²/h	8,073
Gradeability**	%	30
Engine type		Honda GX270, air-cooled, 4-cycle, single-cylinder, gasoline engine.
Max. rated power	hp rpm	8 @ 3,600
Fule tank capacity	qt	5.6
Fuel consumption	qt/h	1.2
Max. allowable tilt	deg	20

* Includes standard extension plates. ** Specifications vary depending on soil or asphalt.



ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

BPU4045A	BPU5545A
23.6*	23.6*
28.5	28.5
40.6 - 55.5	40.6 - 55.5
710	750
0.5	0.5
8,992	12,364
4,140	4,140
78.7	88.6
9,300	9,171
34	34
Honda GX270, air-cooled, 4-cycle, single-cylinder, gasoline engine.	Honda GX390, air-cooled, 4-cycle, single-cylinder, gasoline engine.
8 @ 3,000	8.6 @ 3,000
5.6	6.4
1.7	2.1
20	20

UTILITY

DUMPERS

EXCAVATORS

LOADERS

Reversible Vibratory Plates

DPU40Yeh

DPU6555Heh



DPU45Yeh

DPU5545Heh

Reversible Vibratory Plates

	Unit	DPU40Yeh	DPU45Yeh	DPU5545Heh
Operating width	in	23.8*	23.8*	23.6*
Machine height	in	31	31	31
Shipping height	in	60.6	60.6	59.6
Operating weight	lbs	844.4	848.8	935
Base plate thickness	in	0.5	0.5	0.5
Centrifugal force	lbs	8,992	10,116	12,364
Frequency	vpm	4,140	4,140	4,140
Forward and reverse travel**	ft/min	78.7	78.7	77
Compacted area ** (standard extension plates)	ft ² /h	9,364.7	9,364.7	9,171
Max. gradeability	%	36.4	36.4	38
Engine type		Yanmar L70W, air-cooled, 4-cycle, single-cylinder, diesel engine.	Yanmar L70W, air-cooled, 4-cycle, single-cylinder, diesel engine.	Hatz 1D42S, air-cooled, 4-cycle, single-cylinder, diesel engine.
Max. rated power at (DIN ISO 3046)	hp rpm	6 @ 3,000	6 @ 3,000	8.5 @ 2,850
Fuel tank capacity	qt	3.6	3.6	5.3
Fuel consumption	gal/h	0.4	0.47	0.5

* Includes standard extension plates. ** Specifications vary depending on soil or asphalt.

† Available with Compatec, compaction control system.



DPU6555Heh †	DPU6555Hech †	DPU90/ DPU90r †	DPU110/ DPU110r †	DPU130Le
28.0*	28.0*	30	38	47
33.6	33.6	33	32.4	39
59.9	59.9	33	48.8	39
1,091	1,096	1,700 / 1,596	1,830 / 1786	2,613
0.5	0.5	0.6	0.55	0.6
14,612	14,612	20,233	24,729	29,225
4,140	4,140	3,780	3,600	3,480
91.8	91.8	98 / 91.8	98.4/92	102
12,917	12,917	14,919 / 13,929	18,794 / 17,515	24,025
38	38	34	40	—
Hatz Supra 1D90, air-cooled, 4-cycle, single-cylinder, diesel engine.	Hatz Supra 1D90, air-cooled, 4-cycle, single-cylinder, diesel engine.	Kohler, liquid-cooled, 4-cycle, 2-cylinder, diesel engine.	Kohler, liquid-cooled, 4-cycle, 3-cylinder, diesel engine.	Kohler, liquid-cooled, 4-cylinder, diesel engine.
12.9 @ 2,800	12.9 @ 2,800	14.3 @ 3,350 / 15.7 @ 3,600	24.8 @ 3,600	32.8 @ 3,600
6.3	6.3	7.6	11.6	19
0.5	0.5	0.7	3.4	1

Rollers



RTLx-SC3



RTD-SC4

Vibratory Trench Roller

	Unit	RTLx-SC3*	RTD-SC4
Length x width x height	in	73 x 32 x 50	75.5 x 32 x 51
Operating weight	lbs	3,230	3,210
Drum diameter	in	20.5	22.4
Drum width (narrow/extensions)	in	22 / 32	23.6 / 32
Engine type		Kohler KDW1003, liquid-cooled, 4-cycle, 3-cylinder, diesel engine.	Kohler KDW1003, liquid-cooled, 4-cycle, 3-cylinder, diesel engine.
Max. rated power	hp rpm	19.8 @ 3,000	19.8 @ 3,000
Vibration frequency	HZ	41	42
Starter		Electric	Electric
Operating speed	rpm	3,000	2,700
Centrifugal force	lbs	High 15,400 / Low 7,700	High 16,183 / Low 8,094
Frequency	vpm	2,500	2,520
Static linear force (F/R)	lb/in	56.2 / 52.3	52.6 / 49.8
Dynamic linear force (F/R)	lb/in	258 / 258	266 / 266
Transmission		Hydrostatic	Hydraulic Proportional
Fuel tank capacity	gal	6.3	9.47
Fuel consumption	gal/h	1.2	0.71

*Model available while supplies last. Both models available with Compatec, compaction control system



Double Drum Vibratory Roller

	Unit	RD7Afb
Length x width x height (Handle down)	in	97.1 x 28.3 x 47.2
Operating weight	lbs	1,521.2
Drum diameter	in	15.7
Drum width	in	25.6
Curb clearance (R/L)	in	13.8
Water tank capacity	gal	15.9
Engine type		4-cycle, single-cylinder, Honda GX390engine.
Starter		Recoil
Operating speed	rpm	2,600
Max. rated power	hp rpm	11.7 @ 3,600
Centrifugal force	lbs	5,058.2 / 3,034.9**
Frequency	vpm	3,360 / 2,760**
Static linear force (Front)	lb/in	30.3
Dynamic linear force (F/R)	lb/in	98.7
Transmission		Hydrostatic
Fuel tank capacity	gal	0.8
Hand-Arm vibration	ft/s ²	<8.2

*In accordance with SAE J1349
**Vibrations High/Low

Rollers



	Unit	RD12A-90	RD12L-90*
Length x width x height	in	74 x 38.8 x 90.6	74 x 38.8 x 90.6
Drum width	in	35.4	35.4
Max. Operating weight	lbs	2,964	2,964
Side clearance left / right	in	1.7 / 1.7	1.7 / 1.7
Turning radius (inside)	in	76.8	76.8
Drum type front		smooth	smooth
Drum type rear		smooth	smooth
Tire size in rear		–	–
Engine type		Honda GX630, air-cooled, 2-cylinder, gasoline engine.	Kohler ECH650, air-cooled, 2-cylinder, gasoline engine.
Power output (ISO 14396)	hp	20.8	20.8
Fuel tank capacity	gal	6.3	6.3
Infinitely variable speed	mph	0-5	0-5
Gradeability w/wo vibration	%	25 / 30	25 / 30
Centrifugal force, front (I/II)	lbf	3,400 / –	3,400 / –
Centrifugal force, rear (I/II)	lbf	–	–
Water tank capacity	gal	35	35

*Model available while supplies last.



ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

RD18-80	RD18-100	RD18-100c
90 x 33.7 x 87	90 x 41.6 x 90.4	90 x 40.9 x 87
31.5	39.4	39.4
3,725	3,924	3,836
0 / 0	0 / 0	0 / 0
87.8	83.9	83.9
smooth	smooth	smooth
smooth	smooth	tires
–	–	205/60 – R15

UTILITY

DUMPERS

Kubota D1105-E4B,
3-cylinder, diesel engine.

21.9	21.9	21.9
8.7	8.7	8.7
0-6.8	0-6.8	0-6.8
30 / 40	30 / 40	30 / 40
3,822 / 2,473	3,824 / 2,473	3,824 / 2,473
3,822 / 2,473	3,822 / 2,473	–
18.5	18.5	18.5

EXCAVATORS

LOADERS

Rollers



RD24-100

Vibratory Ride-on Rollers

	Unit	RD24-100	RD24-100c	RD24-100o
Length x width x height	in	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1
Drum width	in	39.4	39.4	39.4
Max. operating weight	lbs	7,033	6,856	7,143
Side clearance left / right	in	2.2 / 2.2	2.2 / 2.2	2.2 / 2.2
Turning radius (inside)	in	97.3	97.3	97.3
Drum type front		smooth	smooth	smooth
Drum type rear		smooth	tires	smooth
Tire size in rear		–	205/60 – R15	–
Engine type		Kubota 1703, 3-cylinder, diesel engine.		
Power output	hp	24.8		
Fuel tank capacity	gal	11.1		
Infinitely variable speed	mph	0 - 6.3	0 - 6.0	0 - 6.3
Gradeability with/ without vibration	%	30 / 40	30 / 40	30 / 40
Centrifugal force, front (I/II)	lbf	7,419 / 4,496	7,419 / 4,496	7,419 / 4,496
Centrifugal force, rear (I/II)	lbf	7,419 / 4,496	–	–
Oscillation force, rear (I/II)	lbf	–	–	8,767 / 5,170
Water tank capacity	gal	47.6	47.6	47.6

RD28-120



RD28-120	RD28-120c	RD28-120o
99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1
47.2	47.2	47.2
7,518	7,319	7,650
2.2 / 2.2	2.2 / 2.2	2.2 / 2.2
93.3	93.3	93.3
smooth	smooth	smooth
smooth	tires	smooth
–	205/60 – R15	–
Kubota Diesel 1703, 3-cylinder, diesel engine.		
24.8		
11.1		
0 - 6.3	0 - 6.0	0 - 6.3
30 / 40	30 / 40	35 / 40
8,543 / 5,171	8,543 / 5,171	8,543 / 5,171
8,543 / 5,171	–	–
–	–	8,767 / 5,170
47.6	47.6	47.6

Rollers



RD40-130C

Vibratory Ride-on Rollers

	Unit	RD40-130	RD40-130C
Length x width x height	in	116.7 x 56.1 x 102	116.7 x 56.1 x 102
Drum width	in	51.2	51.2
Max. operating weight	lbs	11,816	11,265
Side clearance left / right	in	2.5 / 2.5	2.5 / 2.5
Turning radius (inside)	in	105.9	105.9
Drum type front		smooth	smooth
Drum type rear		smooth	tires
Tire size in rear*		–	10.5/80 - 16
Engine type		Kubota V2403-CR, 4-cylinder, diesel engine.	
Power output	hp	50.2	
Fuel tank capacity	gal	19.3	
Infinitely variable speed	mph	0 - 6.8	0 - 6.8
Gradeability with/ without vibration	%	30 / 40	30 / 40
Centrifugal force, front (I/II)	lbf	14,388 / 8,768	14,388 / 8,768
Centrifugal force, rear (I/II)	lbf	14,388 / 8,768	–
Oscillation force, rear (I/II)	lbf	–	–
Water tank capacity	gal	75.3	75.3



RD45-140

RD40-130o	RD45-140	RD45-140c	RD45-140o
116.7 x 56.1 x 102	116.7 x 56.1 x 102	116.7 x 56.1 x 102	116.7 x 56.1 x 102
51.2	54.3	54.3	54.3
11,971	12,412	11,574	12,623
2.5 / 2.5	2.5 / 2.5	2.5 / 2.5	2.5 / 2.5
105.9	104.3	104.3	104.3
smooth	smooth	smooth	smooth
smooth	smooth	tires	smooth
–	–	10.5/80 - 16	–
Kubota V2403-CR, 4-cylinder, diesel engine.			
50.2			
19.3			
0 - 6.8	0 - 6.8	0 - 6.8	0 - 6.8
30 / 40	30 / 40	30 / 40	30 / 40
14,388 / 8,768	14,388 / 8,768	14,388 / 8,768	14,388 / 8,768
–	14,388 / 8,768	–	–
16,186 / 9,666	–	–	16,186 / 9,666
75.3	75.3	75.3	75.3

Soil Compactors



Soil Compactors

	Unit	RC50	RC50p
Length x width x height	in	159.1 x 53.9 x 111.5 ROPS 159.1 x 53.9 x 111.7 CAB	159.1 x 53.9 x 111.5
Drum width	in	53.9	53.9
Max. operating weight	lbs	13,536	12,941
Drum type		smooth	padfoot
Max. operating power	hp	74.3	74.3
Engine type		Kubota V3307-CR-T, 4-cylinder, diesel engine.	Kubota V3307-CR-T, 4-cylinder, diesel engine.
Fuel tank capacity	gal	32.5	32.5
Speed working gear transport gear	mph	0 – 3.7 0 – 7.8	0 – 3.7 0 – 7.8
Turning radius inside	in	132.9	132.9
Gradeability with/ without vibrations	%	54 / 60	54 / 60
Centrifugal force, front (I/II)	lbf	14,837	14,837
Vibration frequency, front (I/II)	Hz	30	30



RC70	RC70p	RC110	RC110p
174.8 x 66.1 x 113.3 ROPS 174.8 x 66.1 x 113.5 CAB	174.8 x 66.1 x 113.3	240.8 x 97.4 x 120.2	240.8 x 97.4 x 120.2
66.1	66.1	84.25	84.25
18,144	16,226	27,414	27,414
smooth	padfoot	smooth	padfoot
74.3	74.3	114	114
Kubota V3307-CR-T, 4-cylinder, diesel engine.	Kubota V3307-CR-T, 4-cylinder, diesel engine.	John Deere JDPS 40 YSEWS, 4-cylinder, diesel engine.	John Deere JDPS 40 YSEWS, 4-cylinder, diesel engine.
32.5	32.5	74	74
0 – 3.7 0 – 7.8	0 – 3.7 0 – 7.8	0 – 8.7 0 – 7.4	0 – 7.5 0 – 7.4
130.3	130.3	162.6	162.6
54 / 60	54 / 60	52 / 58	52 / 58
28,100 / 21,360	28,100 / 21,360	55,350 / 30,600	55,350 / 30,600
30 / 42	30 / 42	30 / 36	30 / 36

Pumps



PSR1500



PSG2500

Single-phase Submersible Pumps

	Unit	PSR1500	PSG2500
Discharge diameter	in	0.75	2
Length x width x height	in	7.7 x 7.7 x 12.4	8.3 x 8.3 x 11.2
Operating weight	lbs	26	23
Maximum head	ft	39.5	39.5
Max. discharge	gal/min	45	62.4
Continuous running water level	in	0.04	0.2
Max. pressure	psi	17.3	17.3
Solid size capacity	in	0.2	0.2
Motor type		Single-phase / 60Hz	
Voltage	V	110	110
Current (full load/ Start @ 110V)	A	6.1 / 12.5	6.1 / 12.5
Current (full load/ Start @ 220V)	A	–	–
Speed	rpm	3,255	3,255
Power	hp	0.64	0.64
Cable length	ft	32	32
Cable size	awg	16	16
Impeller material		Urethane	Urethane
Impeller type		Semi-vortex	Semi-vortex

**PST2400****PS2500**

PST2400 / PSTF2400	PST3750 / PSTF3750	PS2500	PSA2500
2	3	2	2
10.1 x 7.3 x 13	12.5 x 7.3 x 15.3	7.3 x 7.3 x 12	8.7 x 7.3 x 12
25	42	21	22
39.4	62	39.4	39.5
52.8	60	62.4	62.4
3.5	3.5	2	2
16.8	16.8	17	17
0.2	0.2	0.2	0.2

Single-phase / 60 Hz

110	110/220	110/220	110
5.4 / 12.5	10 / 26	6.1 / 12.5	6.1 / 12.5
–	4.7 / 13	3.0 / 8.0	–
3,321	3,408	3,270	3,270
0.54	1	0.64	0.64
20	33	32	32
16	14	16	16
Urethane	Urethane	Urethane	Urethane
Semi-vortex	Semi-vortex	Semi-vortex	Semi-vortex

Pumps



PS2800

Single-phase Submersible Pumps

	Unit	PS2800	PSA2800
Discharge diameter	in	2	2
Length x width x height	in	7.6 x 7.4 x 13.4	7.6 x 8.8 x 13.4
Operating weight	lbs	29	30
Max. head	ft	59	59
Max. discharge	gal/min	82	82
Max. pressure	psi	17	17
Solid size capacity	in	0.236	0.236
Motor type		Single-phase / 60 Hz	
Voltage	V	110, 220	220
Current (full load/ start @ 110V)	A	10.1 / 21.1	–
Current (full load/ start @ 220 V)	A	5.3 / 11.5	5.3 / 11.5
Speed	rpm	3,300	3,300
Power	hp	1	1
Cable length	ft	49	49
Cable size	awg	14	14
Impeller material		Urethane	Urethane
Impeller type		Semi-vortex	Semi-vortex



ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

PS31500	PSW31500	PS32200
3	3	3
9.5 x 9.5 x 22.5	7.4 x 7.4 x 23.4	9.5 x 9.5 x 22.5
63.5	72	64
69	69	85
111	111	130
30	30	37
0.3	0.24	0.3
Single-phase / 60 Hz		
110, 220	110, 220	220
23 / 136	27 / 108	–
11.5 / 68	13.7 / 54	13 / 70
3,440	3,480	3,465
2	2	3
32	49	32
12 / 14	12	14
Ductile iron	High chrome, cast iron	Urethane
Semi-vortex	Semi-open	Semi-vortex

UTILITY

DUMPERS

EXCAVATORS

LOADERS

Pumps



PDT2A / PDT3A

Diaphragm and Dewatering Pumps

	Unit	PDT2A	PDT3A
Suction & discharge diameter	in	2	3
Length x width x height	in	39.2 x 22.2 x 23.2	42 x 26.5 x 23.2
Operating weight	lbs	131	140
Max. head	ft	25	25
Max. discharge	gpm	50	88
Max. suction lift	ft	25	25
Solid size capacity	in	1.5	1.625
Engine type		Honda, air-cooled, 4-cycle, single-cylinder, gasoline engine.	
Displacement	in ³	7.2	7.2
Operating speed	rpm	2,800	2,800
Max. rated power at rated speed	hp rpm	3.5 @ 3,600	3.5 @ 3,600
Fuel consumption	qt/hr	1.2	1.2
Fuel capacity	qt	2.6	2.6

ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

UTILITY

DUMPERS

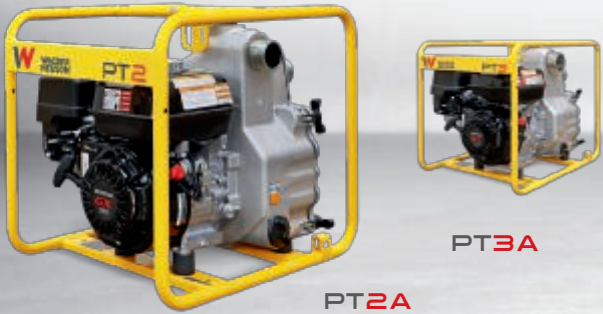
EXCAVATORS

LOADERS



PG2A	PG3A
2	3
18.9 x 14.8 x 15.5	20.2 x 15.9 x 18.2
55	64
88	88
169	290
25	25
0.25	0.25
Honda, air-cooled, 4-cycle, single-cylinder, gasoline engine.	
7.2	9.9
3,600	3,600
3.5 @ 3,600	4.8 @ 3,600
1.4	1.9
2.6	3.8

Pumps



Trash Pumps

	Unit	PT2A	PT3A
Suction & discharge diameter	in	2	3
Length x width x height	in	21.7 x 18.3 x 19.7	26.5 x 20 x 22.5
Operating weight	lbs	94.8	147.7
Max. head	ft	105	96.8
Max. discharge	gpm	140.3	326
Max. suction lift	ft	24.6	24.6
Solid size capacity	in	1	1.5
Engine		Honda, air-cooled, 4-cycle, single-cylinder, gasoline engine.	
Displacement	in ³	9.9	16.5
Max. rated power at rated speed	hp rpm	4.8 @ 3,600	7.9 @ 3,825
Fuel capacity	gal	0.82	1.4
Max. fuel consumption	gal/hr	0.5	0.6



ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

PTS4V	PT6V
4	6
45.3 x 29.5 x 70.9	84.8 x 58.7 x 67.5
330.7	1,918
105	88.6
689.2	1,137
24.9	24.6
2	2
Vanguard, air-cooled, 4-cycle, 2 cylinder, gasoline engine.	Yanmar, liquid-cooled, 3-cylinder, diesel engine.
29.2	77.3
16 @ 3,600	24.7 @ 2,700
4.6	23.8
1.4	1.3

UTILITY

DUMPERS

EXCAVATORS

LOADERS

Generators



Portable Generators

	Unit	GP2500A	GP4000A includes wheel kit
Length x width x height with wheel kit	in	18 x 24 x 19	21 x 27.5 x 24
Operating weight	lbs	99	166
Maximum output	W	2,500	4,000
Continuous output	W	2,250	3,800
Continuous AC amps	A	19 / 9	32 / 16
AC voltage	V	120 / 240	120 / 240
AC circuit breaker amps	A	20 / 1 pole	18 / 1 pole
Frequency	Hz	60	60
Phase	Ø	1	1
Power factor	Pf	1	1
Engine type		Honda, air-cooled, 4-cycle, single-cylinder, gasoline engine.	
Starting system		recoil	recoil
Displacement	in³	9.9	16.5
Operating speed	rpm	3,600	3,600
Max. rated power at rated speed	hp rpm	4.8 @ 3,600	6.8 @ 3,600
Fuel tank capacity	gal	3.9	7.9
Running time / full load	hrs	10	12.5
AC outlet receptacles Duplex Twist Lock		(2) 125V, 20A GFCI Duplex 5-20R	(2) 125V, 20A GFCI Duplex 5-20R (1) 125/250V, 30A Twist Lock L14-30R (1) 125V, 30A Twist Lock L5-30R
CSA certified		yes	yes

GP7000A



GP5500A

GPS9700A

ZERO EMISSION

CONCRETE
TECHNOLOGY

COMPACTION

UTILITY

DUMPERS

EXCAVATORS

LOADERS

GP5500A includes wheel kit	GP7000A Includes wheel kit	GPS9700A Includes wheel kit
21 x 27.5 x 24	21 x 27.5 x 24	36.4 x 26.2 x 25 51.7 x 33.5 x 30.3
174	174	418
5,500	7,200	9,700
5,000	6,800	9,000
42 / 21	57 / 28	75.0 / 37.5
120 / 240	120 / 240	120 / 240
22 / 1 pole	30 / 1 pole	39 / 2 pole
60	60	60
1	1	1
1	1	1
Honda, air-cooled, 4-cycle, single-cylinder, gasoline engine.		Honda air-cooled, 4-cycle, 2-cylinder, gasoline engine.
recoil	recoil	electric start***
23.7	23.7	42
3,600	3,600	3,600
9.4 @ 3,600	9.4 @ 3,600	20.8 @ 3,600
7.9	7.9	9.8
8.5	8.5	6.5
(2) 125V, 20A GFCI Duplex 5-20R (1) 125/250V, 30A Twist Lock L14-30R (1) 125V, 30A Twist Lock L5-30R		2-125V,20A Duplex (1) 120V,30A Twist Lock L5-30R (1) 240V,20A Twist Lock L6-20R (1) 120/240V,30A Twist Lock L14-30R
yes	yes	yes

Generators



Mobile Generators

	Unit	G14	G25	G35
Length x width x height skid	in	74.8 x 37.2 x 48.5	75 x 37 x 48.5	75 x 37 x 48.5
Operating weight	lbs	1,760	2,222	2,259
Length x width x height with trailer	in	131.8 x 58.3 x 68.8	131.8 x 58.3 x 68.8	131.8 x 58.3 x 68.8
Operating weight	lbs	2,180	2,576	2,613
Prime output	kW / kVA	13.5 / 13.5	20 / 25	28 / 35
Standby output	kW / kVA	15 / 15	22 / 27	31 / 39
AC voltage single phase three phase	1Ø 3Ø	120, 240	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable*	
Frequency	Hz	60	60	60
Power factor	1Ø / 3Ø	1.0	1.0 / 0.8	1.0 / 0.8
Voltage regulation no load to full load steady state	%	±1 ±0.29	±1 ±0.2	±1 ±0.2
Sound level at max. load	dB(A)	63 @ 23 ft	63 @ 23 ft	63 @ 23 ft
Engine type		Kohler KSD1403NA	Kohler KDI1903	Kohler KDI1903
Rated standby power	hp rpm	25.7 @ 1,800	40 @ 1,800	66 @ 1,800
Fuel tank capacity	gal	63	63	63
Fuel consumption @ prime	gal/h	1.2	1.8	2.4
Trailer hitch type		2-inch Ball	2-inch Ball	2-inch Pintle
AC Receptacles 20A GFCI Duplex 5-20R 50A Twist Lock CS6369		2 2	2 2	2 3
DEF capacity	gal	-	-	-
DEF consumption	gal/h	-	-	-
CSA certified		yes	yes	yes

* 600V available in Canada.



G50	G70
81.6 x 37.8 x 50.6	96.5 x 38 x 63.2
2,705	4,510
138.8 x 58.3 x 71	160 x 67.5 x 85
3,090	5,390
38 / 48	58 / 72
42 / 52	63 / 79

120, 127, 139, 240, 254, 277V adjustable
208, 220, 240, 416, 440, 480V reconnectable*

60	60
1.0 / 0.8	1.0 / 0.8
±1 ±0.2	±1 ±0.2
63 @ 23 ft	68.0 @ 23
Kohler KDI2504	Kohler KDI3404
66 @ 1,800	109 @ 1,800
88	112
3.3	4.2
3-inch Pintle	3-inch Pintle
2 3	2 3
-	5.1
-	0.07
yes	yes

ZERO EMISSION

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UTILITY

DUMPERS

EXCAVATORS

LOADERS

Light Towers



Compact Vertical Mast Light Towers

	Unit	LTT4 LED	LTT6 LED
Length x width x height*	in	101 x 47.5 x 100	101 x 47.5 x 100
Operating weight	lb	1,500	1,550
Maximum tower height	ft	23	23
Sound level at 23 feet	dB(A)	70.2	71.3
Output	kW	4	6
AC voltage	V	120/240	120/240
Frequency	Hz	60	60
Power factor	pf	1.0	1.0
Voltage regulation steady no load to full load	%	±6	±6
Lamp type	W	4 x 320 LED	4 x 320 LED
Max coverage @ .5ft-C (5.4 lux)	ft²	32,600	32,600
Total luminous flux	lm	192,000	192,000
Diffused light option		yes	yes
Generator	type	Brushless**	Brushless**
Engine type		Kohler, KDW702	Kohler, KDW1003
Max. rated power at rated speed	hp rpm	8 @ 1,800	12.2 @ 1,800
Oil change service interval	hr	1,000	1,000
Fuel tank capacity	gal	52.4	52.4
Fuel consumption prime	gal/h	0.46	0.71
Run time lights	hours	211	173.4
AC receptacles 120V - 20A Duplex GFCI 5-20R 120V/240V - 30A Twist Lock L14-30R		1 Optional	1 Optional
CSA certified		yes	yes

* Mast in transport position. ** With capacitor excitation.



Vertical Mast Light Tower and Generator

LTG14
LED

141.7 x 76.4 x 101.1
2,760
23
63
13.5
120/240
60
1.0
±1.0
4 x 320 LED
32,600
192,000
yes
Brushless**
Kohler, KSD1403NA
25.7 @ 1,800
500
59
1.09
359.5
(2) 120V - 20A Duplex GFCI 5-20R (1) 120V/240V - 30A Twist Lock (1) 120V/240V - 50A Twist Lock
yes

ZERO EMISSION

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DUMPERS

EXCAVATORS

LOADERS

Heaters

E1250



Hydronic Surface Heaters

	Unit	E1250
Length x width x height	in	140 x 76 x 72
Approximate weight	lbs	3,775
Fuel capacity	gal	68
Heat transfer fluid	gal	54
Heater input (gross)	Btu/h	140,000*
Heater output (net)	Btu/h	121,800
Heater efficiency	%	87
Temperature controller		digital
Generator**		Kubota
Fuel consumption at full load Burner diesel Generator diesel	gph gph	1.0 0.52 (3 kW)
Run time @75% duty cycle	h	up to 90**
Electrical requirement*		120V AC, 1 x 15 amps, 60 Hz
Normal operating temperature	°F	100 - 200
Normal hose operating pressure	psi	70 - 110
HTF flow rate per loop	gph	265
Thawing capacity	ft²	up to 1,250
Curing capacity	ft²	up to 2,500
Frost prevention	ft²	up to 3,750*

* When not using on-board generator. ** With generator.



E3000

181 x 91 x 94
7,815** / 9,290
222
115
385,000
319,500
83
digital
Kohler
2.75 0.7 (6 kW)
up to 108**
120V AC, 2 x 20 amps, 60 Hz
100 - 180
90 - 110
265
up to 3,000
up to 6,000
up to 9,000

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LOADERS

Dumpers



DT08



DT10

Track Dumpers

	Unit	DT08 Gasoline, front tip	DT10 Diesel, Front tip with self-loading shovel	DT10 Diesel, Swivel tip
Engine model/ make		Honda GX270	Kubota Z482-EF02	Kubota Z482-EF02
Performance	hp	9.1	13	13
Travel Speed	mph	2.5	2.5	2.5
Ground pressure - empty	psi	2.3	2.6	2.6
Ground pressure - loaded	psi	4.8	7.4	7.4
Shipping weight	lbs	1,301	1,532	1,708
Max. machine payload	lbs	1,764	2,645	2,645
Skip capacity - heaped	cu ft ³	13.7	15.8	16.2
Skip capacity - leveled	cu ft ³	11.8	13.9	15.2
Skip capacity - water	gal	43.9	45.7	63.4
Length	in	65.3	71.8	71.8
Undercarriage width	in	31.1	31.1	31.1
Width of skip	in	27.5	27.5	28.7
Skip length	in	51.9	53.4	56.1
Max. height, skip raised	in	72.6	76.7	83.1
Skip type		Front tip	Front tip with self-loading shovel	Swivel tip



DT10 Diesel, Front tip platform	DT12 Gasoline Swivel or front tip	DT15 Diesel, 3-way side-tipping platform	DT15 Diesel, swivel tip
Kubota Z482-EF02	Vanguard	Kubota D902-EF03	Kubota D902-EF03
13	23	20	20
2.5	5.6	2.5	2.5
2.6	2.6	4.0	4.0
7.4	7.4	7.3	7.3
1,301	1,345 - 1,650	2,799	2,932
2,645	2,646	3,307	3,307
10.6	17.8	24.4	26.8
7.4	15.2	18.7	19.4
–	110.4	137.4	108.3
74.1	81.3	104	105.3
31.1	31.1	42.5	42.5
31.7	32.5	40.2	43.3
47.2	62.3	60.9	60.5
56.3	70.7	80.3	93.7
Front tip platform	Swivel or Front Tip	3-way side-tipping platform	Swivel tip

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Dumpers



Wheel Dumpers

	Unit	DW30	DW30 Concrete edition
Max. operating power at operating speed	hp rpm	45.3 @ 2,200	45.3 @ 2,200
Engine type		Perkins 403J-E17T, liquid-cooled, 3-cylinder turbo diesel engine.	
Fuel tank capacity	gal	11.9	11.9
Travel speed	mph	0-15.5	0-15.5
Standard tires		11.50/80 x 15.3, Mitas tractor tread	
Final drive		Hydrostatic transmission, permanent 4-wheel drive, electronic driving direction switch.	
Working brake		Hydrostatic / Wet multidisk	
Pump capacity Operating / Drive	gal/min	8.2 / 26.2	8.2 / 26.2
Operating pressure Operating / Drive	psi	2,901 / 6,498	2,901 / 6,498
Hydraulic tank capacity	gal	11.1	11.1
Height ROPS/CAB	in	112.6 / 105.1	112.6 / –
Width	in	70.1	70.1
Length	in	166.3	199.3
Max safe payload	lb	6,614	6,614
Skip capacity leveled heaped water	yd ³ yd ³ gal	1.67 2.29 262	317
Transport weight ROPS / CAB	lbs	5,545 / 5,895	5,675 / –



DW50

59.7 @ 2,300
Deutz TD 2.2, liquid-cooled, 3-cylinder turbo diesel engine.
15.9
0-15.5
12.5-18/16, Mitas universal tread
Hydrostatic transmission, permanent 4-wheel drive, electronic driving direction switch.
Hydrostatic / Wet multidisk
14 / 32.5
3,191 / 7,252
10.6
110.8 / –
75.8
177.0
11,023
2.62 3.47 3.49
7,580 / –

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LOADERS

Dumpers



Dual View Dumpers

		Unit	DV60	DV90
Max. operating power at operating speed		hp rpm	74.2 @ 2,200	74.2 @ 2,200
Engine type			Deutz TD2.9 L4, liquid-cooled, 4-cylinder, diesel engine.	Deutz TD2.9 L4, liquid-cooled, 4-cylinder, diesel engine.
Fuel tank capacity		gal	21.1	21.1
Travel speed		mph	0-18.6	0-18.6
Standard tires			405/10-20 (Mitas, MPT-01)	500/60-22.5 (Alliance, flotation 331)
Turning radius outside		in	240.6	260.6
Final drive			Hydrostatic transmission, permanent 4-wheel drive, electronic driving direction switch.	
Working brake			Hydrostatic / Wet multidisk	Hydrostatic / Wet multidisk
Pump capacity Operating / Drive		psi	19.4 / 32.6	19.4 / 32.6
Operating pressure Operating / Drive		gal	3,481 / 7,252	3,481 / 7,252
Hydraulic tank capacity		gal	15.9	15.9
Height ROPS/CAB		in	135.2 / 115.2	- / 119.3
Width		in	87.3	96.6
Max safe payload		lb	13,228	19,841
Skip capacity	leveled	yd ³	3.1	4.3
	heaped	yd ³	4.1	5.7
	water	gal	423	542
Transport weight ROPS / CAB		lbs	8,715 / 9,469	- / 10,814



DV100

DV125

DV100	DV125
74.2 @ 2,200	135.9 @ 2,200
Deutz TD2.9 L4, liquid-cooled, 4-cylinder, diesel engine.	Deutz TDC3.6 L4, water-cooled, 4-cylinder, turbo diesel engine.
21.1	39.4
0-18.6	0-15.5
500/60-22.5 (Alliance, flotation 331)	600/50-22.5 (Alliance, flotation 331)
259.8	283.0
Hydrostatic transmission, permanent 4-wheel drive, electronic driving direction switch.	
Hydrostatic / Wet multidisk	
19.4 / 32.6	18.0 / 39.0
3,481 / 7,252	3,480.9 / 8,702.3
15.9	14.5
- / 119.3	- / 120.6
98.6	99.1
22,046	27,557.8
5.4 6.5 674	9.0 10.7 977.5
- / 10,869	- / 14,056.7

ZERO EMISSION

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LOADERS

Excavators



Dualpower Tracked Excavator

	Unit	803 dualpower	HPU8
Max. operating power at operating speed	hp/rpm	15.4 @ 2,500	10.0
Engine type		Yanmar 3TNV74F, liquid-cooled, 3-cylinder, turbo diesel engine.	400 Volt, 3-phase, electric motor
Fuel tank capacity	gal	1.8	–
Travel speed	mph	0 – 1.1	–
Track width	in	7.1	
Track rollers per side		2	
Ground clearance	in	5.1	–
Ground pressure	psi	3.4	–
Max. arm force	lbf	1,014	–
Max. bucket digging force	lbf	2,021	–
Pump capacity	gal/min	2 x 2.8	5.3
Operating pressure for working hydraulics	psi	2,466	3,046
Operating pressure for swing gear	psi	1,015	-
Hydraulic tank capacity	gal	3.7	2.5
Height (ROPS in up position)	in	89	39.4
Width (track in / out)	in	27.6 / 33.5	28.3
Transport length (boom down)	in	108.1	36.6
Max. digging depth	in	69.5	–
Max. dumping height	in	79.2	–
Digging radius	in	121.7	–
Transport weight / Operating weight	lbs	2,182 / 2,396	423
Hydraulic hose length	ft	–	39.4



Tracked Excavator

	Unit	803
Max. operating power at operating speed	hp/rpm	15.4 @ 2,500
Engine type		Yanmar 3TNV74F, liquid-cooled, 3-cylinder, turbo diesel engine.
Fuel tank capacity	gal	1.8
Travel speed	mph	0 – 1.1
Track width	in	7.1
Track rollers per side		2
Ground clearance	in	5.1
Ground pressure	psi	3.4
Max. arm force	lbf	1,014
Max. bucket digging force	lbf	2,021
Pump capacity	gal/min	2 x 2.8
Operating pressure for working hydraulics	psi	2,466
Operating pressure for swing gear	psi	1,015
Hydraulic tank capacity	gal	3.7
Height (ROPS in up position)	in	89
Width (track in / out)	in	27.6 / 33.5
Transport length (boom down)	in	108.1
Max. digging depth	in	69.5
Max. dumping height	in	79.2
Digging radius	in	121.7
Transport weight / Operating weight	lbs	2,182 / 2,396
Hydraulic hose length	ft	–

Excavators

EZ17



Tracked Excavators

	Unit	EZ17
Max. operating power at operating speed	hp/rpm	17.2 @ 2,200
Engine type		Yanmar 3TNV80F, liquid-cooled, 3-cylinder, diesel engine.
Fuel tank capacity	gal	5.8
Travel speed	mph	0 – 3.0
Track width	in	9.1
Track rollers per side		3
Ground clearance	in	6.1
Ground pressure	psi	4.0
Max. arm force (short dipper)	lbf	2,046
Max. bucket digging force	lbf	4,609
Pump capacity	gal/min	10.5
Operating pressure for working hydraulics	psi	3,481
Operating pressure for swing gear	psi	3,481
Hydraulic tank capacity	gal	3.9
Height	in	93
Width (track in / out)	in	39.0 / 51.2
Transport length / long dipperstick	in	141.1 / 139.8
Max. digging depth / long dipperstick	in	91.7 / 98.0
Max. dumping height / long dipperstick	in	96.1 / 100.4
Digging radius / long dipperstick	in	153.5 / 159.4
Transport weight canopy / cab	lbs	3,637 / -

EZ = Minimal tail swing. ET = Conventional tail swing.



ET20

17.2 @ 2,200
Yanmar 3TNV80F, liquid-cooled, 3-cylinder, diesel engine.
6.3
0 – 2.5
9.8
4
6.7
4.0
2,810
4,226
12.7
2,901
2,176
5
90.4
39.0 / 51.2
159.4 / –
98.0 / 105.9
107.1 / 111.8
158.7 / 166.5
4,105 / 4,341

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LOADERS

Excavators

EZ26



Tracked Excavators

	Unit	EZ26
Max. operating power at operating speed	hp/rpm	19.6 @ 2,350
Engine type		Yanmar 3TNV80F, liquid-cooled, 3-cylinder, diesel engine.
Fuel tank capacity	gal	11.6
Travel speed	mph	0 – 2.7
Track width	in	9.8
Track rollers per side		3
Ground clearance	in	10.2
Ground pressure	psi	4.3
Max. arm force	lbf	3,440
Max. bucket digging force	lbf	5,081
Pump capacity	gal/min	17.4
Operating pressure for working hydraulics	psi	3,481
Operating pressure for swing gear	psi	2,843
Hydraulic tank capacity	gal	5.1
Height	in	95
Width	in	59
Transport length / long dipperstick	in	165.3 / 165.8
Max. digging depth / long dipperstick	in	102.5 / 110.4
Max. dumping height / long dipperstick	in	108.8 / 113.9
Digging radius / long dipperstick	in	182 / 189.5
Transport weight* canopy / cab	lbs	5,017 / 5,732

* Long shovel arm (option). EZ = Minimal tail swing. ET = Conventional tail swing.



EZ36

24.4 @ 2,400	
Yanmar 3TNV88F, liquid-cooled, 3-cylinder, diesel engine.	
11.6	
0 – 3	
11.8	
4	
10.0	
5.8	
4,743	
7,868	
30.8	
3,481	
2,828	
16.3	
NON VDS	VDS
98.1	101.3
68.9	
216.7 / 216.7	216.1 / 216.9
127.8 / 137.7	124.9 / 134.7
131.3 / 137.4	134.3 / 140.3
216.8 / 226.1	216.8 / 226.1
8,162 / 8,303	8,725 / 8,876

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LOADERS

Excavators



Tracked Excavators

	Unit	ET42
Max. operating power at operating speed	hp/rpm	43.6 @ 2,000
Engine type		Perkins 403J-E17T, liquid-cooled, 3-cylinder, turbo diesel engine.
Fuel tank capacity	gal	21.2
Travel speed	mph	0 – 3
Track width	in	13.8
Track rollers per side		4
Ground clearance	in	11.8
Ground pressure	psi	4.3
Max. arm force	lbf	4,721
Max. bucket digging force	lbf	6,722
Pump capacity	gal/min	23.8
Operating pressure for working hydraulics	psi	3,553
Operating pressure for swing gear	psi	2,988
Hydraulic tank capacity	gal	13.2
Height	in	98.2
Width	in	68.9
Transport length / long dipperstick	in	202.6 / 202.8
Max. digging depth / long dipperstick	in	131.7 / 139.5
Max. dumping height / long dipperstick	in	140.7 / 145.8
Digging radius / long dipperstick	in	216.1 / 223.5
Transport weight* canopy / cab	lbs	9,064 / 9,345

* Long shovel arm (option). EZ = Minimal tail swing. ET = Conventional tail swing.



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DUMPERS

EXCAVATORS

LOADERS

EZ50	ET58
43.6 @ 2,000	44.8 @ 2,100
Perkins 403J-E17T, liquid-cooled, 3-cylinder, turbo diesel engine.	Perkins 403J-E17T, liquid-cooled, 3-cylinder, turbo diesel engine.
21.2	21.2
0 – 3	0 – 2.7
15.7	15.7
5	5
13	13
4.3	4.3
5,575	6,295
7,014	6,474
33.3	34.9
3,553	3,844
3,031	3,031
13.2	13.2
100.6	100.6
77.2	77.2
215.2 / 215.8	214.4 / 214.8
136.5 / 144.4	148.3 / 158.1
143.9 / 149	150.9 / 157.3
232.9 / 240.4	237.8 / 247.1
10,827 / 11,109	11,281 / 11,562

Excavators

ET65



Tracked Excavators

	Unit	ET65
Max. operating power at operating speed	hp/rpm	56.4 @ 2,000
Engine type		Perkins 404J-E22T, liquid-cooled, 4-cylinder, turbo diesel engine.
Fuel tank capacity	gal	22.5
Travel speed	mph	0 – 3.2
Track width	in	15.7
Track rollers per side		5
Ground clearance	in	11.2
Ground pressure	psi	5
Max. arm force	lbf	6,924
Max. bucket digging force	lbf	11,398
Pump capacity	gal/min	38
Operating pressure for working hydraulics	psi	3,481
Operating pressure for swing gear	psi	3,118
Hydraulic tank capacity	gal	24.3
Height	in	97.6
Width	in	76.8
Transport length / long dipperstick	in	241.3 / 241.6
Max. digging depth / long dipperstick	in	150.6 / 162.4
Max. dumping height / long dipperstick	in	154.0 / 161.2
Digging radius / long dipperstick	in	244.9 / 256.1
Transport weight	lbs	14,055



ET90	ET145
69.2 @ 1,825	73.8 @ 2,200
Perkins 904J-E28T, liquid-cooled, 4-cylinder, turbo diesel engine.	Perkins 854F-E34T liquid-cooled, 4-cylinder, turbo diesel engine.
22.5	54.2
0 – 3.1	0 – 3.1
17.7	19.7
5	7
14.6	18.9
5.7	7.11
10,341	15,512
16,591	20,458
46.4	77.1
4,351	4,931
3,481	4,641
24.3	29.1
100.9	109.8
88.6	98.0
280.2 / 281.1	303.9 / 306.7
170.3 / 182.1	196.9 / 216.5
199.4 / 207.6	224.4 / 236.2
288.6 / 300.0	326.8 / 346.5
19,477	33,489

ZERO EMISSION

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LOADERS

Excavators

EW65



Wheeled Excavators

	Unit	EW65
Max. operating power at operating speed	hp/rpm	56.4 @ 2,000
Engine type		Perkins 404J-E22T, liquid-cooled, 4-cylinder, turbo diesel engine.
Fuel tank capacity	gal	22.5
Travel speed	mph	0 – 18.6
Standard tires		7.5-15 14 PR Twin Tires
Drive		Hydrostatic All-Wheel Drive
Ground clearance	in	9.3
Max. arm force	lbf	6,924
Max. bucket digging force	lbf	11,398
Pump capacity	gal/min	38
Operating pressure for working hydraulics	psi	3,481
Operating pressure for driving hydraulics	psi	6,526
Hydraulic tank capacity	gal	24.3
Height	in	109.3
Width	in	82.1
Transport length / long dipperstick	in	244.9 / 250
Max. digging depth / long dipperstick	in	141.6 / 153.3
Max. dumping height / long dipperstick	in	195.3 / 204.5
Digging radius / long dipperstick	in	259.4 / 270.7
Transport weight	lbs	16,928



EW100

74 or 136 @ 2,200
Perkins 904J-E28TA or 9045-E36TA, liquid-cooled, 4-cylinder, turbo diesel engine.
50.2
0 - 18.6 / 0 - 24.8
8.25-20 14 PR Twin Tires
Hydrostatic All-Wheel Drive
11.5
9.892
16,478
47.6
4,351 / 6,187
6,380
35.9
116.7
96.5
- / 264.1
- / 195.6
- / 246.5
- / 303.7
22,752 / 25,463

ZERO EMISSION

CONCRETE TECHNOLOGY

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Utility Track Loaders



Utility Track Loaders

	Unit	SM60
Max. operating power at operating speed	hp rpm	26.5 @ 2,600
Engine type		Kohler ECH749, air-cooled, 2-cylinder, gasoline engine.
Rated Operating Capacity (ROC)	lbs	600 @ 35%
Tipping load	lbs	1,720
Fuel tank capacity	gal	14
Hydraulic tank capacity	gal	1.3
Max travel speed, single / two-speed	mph	3.9
Aux. hydraulic flow rate - low / high	gpm	12.5
Aux. hydraulic pressure	psi	3,045
Overall length w/std. bucket / w/o bucket	in	98.5 / 75.3
Overall width	in	35.5
Overall height	in	54.8
Track width	in	7
Hinge pin height	in	75.6
Ground clearance	in	6.8
Dump angle at max. height	deg	37.3
Reach at max. height	in	27
Breakout force - bucket	lbf	2,498
Angle of departure	deg	23.7
Operating weight	lbs	2,760



SM100	SM120
24.7 @ 2,600	24.7 @ 2,600
Yanmar 3TNV80FT, liquid-cooled, 4-cycle, 3-cylinder, turbocharged diesel engine.	Yanmar 3TNV80FT, liquid-cooled, 4-cycle, 3-cylinder, turbocharged diesel engine.
1,000 @ 35%	1,226 @ 35%
2,855	3,504
14.1	14.1
1.3	1.3
5.2	5.2
13	13
3,045	3,045
108.3 / 84.7	108.3 / 84.7
35.5	41
58.2	58.2
9	11
85.6	85.6
7.8	7.8
38.2	38.2
23.8	23.6
3,235	3,235
25.6	25.6
3,300	3,754

ZERO EMISSION

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Skid Steer Loaders

SW20



Skid Steer Loaders

	Unit	SW20*
Max. operating power at operating speed	hp rpm	56 @ 2,750
Engine type		Kohler KDI 1903 with DOC, liquid-cooled, 3-cylinder, turbo diesel engine.
Rated Operating Capacity (ROC) @ 50%	lbs	2,000
Tipping load	lbs	4,000
Fuel tank capacity	gal	30.1
Hydraulic tank capacity	gal	2.9
Max travel speed, single / two-speed	mph	7.2 / 11.6
Aux. hydraulic flow rate - low / high	gpm	20 / -
Aux. hydraulic pressure	psi	3,500
Overall length w/std. bucket / w/o bucket	in	134.9 / 106.6
Overall width	in	65.9
Overall height	in	81.5
Hinge pin height	in	124.0
Ground clearance	in	7.6
Dump angle at max. height	deg	42
Reach at max. height	in	37.9
Breakout force - bucket	lbf	5,300
Angle of departure	deg	24
Operating weight	lbs	6,437
Standard tires		10 x 16.5

*Model available while supplies last.



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SW21*

74 @ 2,750
Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.
2,100
4,200
30.1
2.9
7.2 / 11.6
20 / 30
3,500
134.9 / 106.6
65.9
81.5
124.0
7.6
42
37.9
5,300
24
6,512
10 x 16.5

Skid Steer Loaders

SW28



Skid Steer Loaders

	Unit	SW28*
Max. operating power at operating speed	hp rpm	74 @ 2,500
Engine type		Kohler KDI 3404 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.
Rated Operating Capacity (ROC) @ 50%	lbs	2,800
Tipping load	lbs	5,600
Fuel tank capacity	gal	40
Hydraulic tank capacity	gal	3.4
Max travel speed, single / two-speed	mph	7.2 / 11.9
Aux. hydraulic flow rate - low / high	gpm	22.1 / 31.7
Aux. hydraulic pressure	psi	3,500
Overall length w/std. bucket / w/o bucket	in	145.4 / 117.5
Overall width	in	71.9
Overall height	in	83.2
Hinge pin height	in	134.8
Ground clearance	in	9
Dump angle at max. height	deg	44
Reach at max. height	in	37.4
Breakout force - bucket	lbf	6,950
Angle of departure	deg	23
Operating weight	lbs	8,175
Standard tires		12 x 16.5

*Model available while supplies last.



SW32*

100 @ 2,500
Kohler KDI 3404TCR-SCR, liquid-cooled, 4-cylinder, turbo diesel engine.
3,200
6,400
40
3.4
7.2 / 11.9
22.1 / 31.7
3,500 (HF-3,500/4,000 switchable)
145.4 / 117.5
71.9
83.2
134.8
9
44
37.4
9,461
23
8,629
12 x 16.5

Compact Track Loaders

ST27



Compact Track Loaders

	Unit	ST27
Max. operating power at operating speed	hp rpm	74 @ 2,750
Engine type		Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.
Rated Operating Capacity (ROC) @ 50% / 35%	lbs	2,700 / 1,890
Tipping load	lbs	5,400
Fuel tank capacity	gal	27.3
Hydraulic tank capacity	gal	2.6
Max travel speed, single / two-speed	mph	6.4 / 9.1
Aux. hydraulic flow rate - low / high	gpm	19.4 / 29
Aux. hydraulic pressure	psi	3,481
Overall length w/std. bucket / w/o bucket	in	132.4 / 102.5
Overall width	in	60
Overall height	in	79.8
Hinge pin height	in	120
Ground clearance	in	8.5
Dump angle at max. height	deg	37
Reach at max. height	in	39.2
Breakout force - bucket	lbf	5,404
Angle of departure	deg	29.9
Operating weight	lbs	7,350
Track width / length on ground	in	12.6 / 53.2
Ground pressure	psi	5.5



ST31	ST37
74 @ 2,750	74 @ 2,750
Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.	Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.
3,100 / 2,170	3,700 / 2,590
6,200	7,400
35.0	35.0
2.6	2.6
6.5 / 9.7	5.8 / 8.7
20.1 / 30.1	23 / 33.1
3,481	3,989
136.1 / 106.9	136.1 / 106.9
64.0	72.0
82.6	82.8
128.5	128.5
9.1	9.1
40	40
38	38
5,611	9,014
33	33
8,241	9,014
12.6 / 56.7	17.7 / 58.9
5.7	4.3

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Compact Track Loaders



Compact Track Loaders

	Unit	ST45
Max. operating power at operating speed	hp rpm	74 @ 2,500
Engine type		Kohler KDI 3404 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.
Rated Operating Capacity (ROC) 50% / 35%	lbs	4,500 / 3,150
Tipping load	lbs	9,000
Fuel tank capacity	gal	50
Hydraulic tank capacity	gal	3.4
Max travel speed, single / two-speed	mph	6.4 / 9.6
Aux. hydraulic flow rate - low / high	gpm	22.1 / 31.7
Aux. hydraulic pressure	psi	3,500
Overall length w/std. bucket / w/o bucket	in	145.4 / 117.5
Overall width	in	78.0
Overall height	in	83.2
Hinge pin height	in	134.8
Ground clearance	in	9
Dump angle at max. height	deg	44
Reach at max. height	in	38.2
Breakout force - bucket	lbf	6,941
Angle of departure	deg	27
Operating weight	lbs	10,267
Track width/length on ground	in	17.7 / 63.2
Ground pressure	psi	4.6



ST50

ST50

100 @ 2,500
Kohler KDI 3404TCR-SCR, liquid-cooled, 4-cylinder, turbo diesel engine.
5,000 / 3,500
10,000
50
3.4
6.2 / 9.9
25.1 / 37.4
4,000
145.4 / 117.5
78.0
84.7
136.3
10.5
44
36.6
7,932
31
10,677
17.7 / 65.6
4.6

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Wheel Loaders



Articulated Wheel Loaders

	Unit	WL250
Max. operating power at operating speed	hp rpm	25 @ 2,800
Engine type		Perkins 403J-17, water-cooled, 3-cylinder, diesel engine.
Tipping load (bucket / fork) - straight - articulated	lbs	3,616 / 2,690 3,064 / 2,271
Rated Operating Capacity (bucket) - straight (50%) - articulated (50%)	lbs	1,808 1,532
Rated operating capacity (fork) - fully articulated hard surface (80%) - fully articulated rough terrain (60%)	lbs	1,817 1,532
Bucket capacity	yd ³	0.27
Fuel tank capacity	gal	4.8
Hydraulic tank capacity	gal	4.8
Travel speed	mph	0 - 12.43
Aux. hydraulic flow rate standard high flow	gpm	11.8
Pressure	psi	2,683
Overall length with bucket	in	150.8
Overall width	in	38.6
Overall height*	in	78.3
Hinge pin height	in	98.8
Operating weight with cab	lbs	4,630
Standard tires		TBT

* In the event of deviating tires or reversed wheel rims the dimensions will change.



WL28		WL34	WL38
44.7 / 53.8 @ 2,600		60.3 @ 2,300	74.3 @ 2,300
Yanmar 3TNV86CHT, Yanmar 3TNV86CHT-HP liquid cooled, 3 cylinder, turbo diesel engine.		Deutz TD 2.9 L4 S5, liquid cooled, 4 cylinder, turbo diesel engine.	Deutz TCD 2.9 L4, liquid cooled, 4 cylinder, turbo diesel engine.
P Kinematics	PZ Kinematics		
4,145 / 3,439 3,395 / 2,866	3,638 / 3,417 3,109 / 2,932	6,449 / 5,765 5,386 / 4,850	8,199 / 6,989 6,863 / 5,869
2,073 1,698	1,819 1,555	3,225 2,693	4,100 3,432
2,293 1,720	2,337 1,764	3,880 2,910	4,695 3,521
0.5		0.75	0.75
13.2		17.2	17.2
7.9		13.2	13.2
0 - 12.4 / 0 - 18.6		0 - 12.4	0 - 18.6
13.1 22.2		15.2 -	15.1 30.6
3,046		3,046	3,046
178.0 / 182.3		203.1	203.1
44.4 / 54.9		61.0	61.8
91.8 / 92.5		93.3 / 94.8	100.4
100.1 / 126.4		128.7	128.0
7,275		8,598	9,480
31x15.5-15 ET-37		15.5/55-18 EM ET0	15.5/55-18 EM ET0

Wheel Loaders



Articulated Wheel Loaders

	Unit	WL52
Max. operating power at operating speed	hp rpm	74.3 @ 2,300
Engine type		Deutz TCD 2.9 L4, liquid-cooled, 4-cylinder, turbo diesel engine.
Tipping load (bucket / fork) - straight - articulated	lbs	8,706 / 6,735 7,531 / 5,633
Rated Operating Capacity (bucket) - straight (50%) - articulated (50%)	lbs	4,353 3,766
Rated operating capacity (fork) - fully articulated hard surface (80%) - fully articulated rough terrain (60%)	lbs	4,506 3,380
Bucket capacity	yd ³	1.1
Fuel tank capacity	gal	21.7
Hydraulic tank capacity	gal	17.4
Travel speed, two-speed	mph	0 – 12.4 / 0 – 18.6
Aux. hydraulic flow rate standard high flow	gpm	19.4 30.4
Pressure	psi	3,046
Overall length with bucket	in	213.5
Overall width	in	71.3
Overall height*	in	105.3
Hinge pin height	in	127.4
Operating weight Cab	lbs	11,244
Standard tires		405/70 R18 EM ETO

* In the event of deviating tires or reversed wheel rims, the dimensions will change.



WL60

101 @ 2,200	Perkins 904J-E36TA, liquid-cooled, 4-cylinder, turbo diesel engine.
8,100 / 7,372 6,682 / 6,153	
4,050 3,341	
4,922 3,692	
1.3	
27.7	
25.1	
0 - 24.9	
26.4 39.6	
3,046	
232.3	
72.0	
107.1	
145.3	
13,007	
405/70-18 EM ETO	

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Articulated Wheel Loaders

	Unit	WL95
Max. operating power at operating speed	hp rpm	136 @ 2,300
Engine type		Deutz TCD 3.6, liquid-cooled, 4-cylinder, turbo diesel engine.
Tipping load (bucket / fork) - straight - articulated	lbs	14,394 / 11,841 12,672 / 10,423
Rated Operating Capacity (bucket) - straight (50%) - articulated (50%)	lbs	7,197 6,336
Rated operating load (bucket / fork) - fully articulated hard surface (80%) - fully articulated rough terrain (60%)	lbs	8,338 6,254
Bucket capacity	yd ³	2.0
Fuel tank capacity	gal	37.0
Hydraulic tank capacity	gal	33.0
Travel speed, two-speed	mph	0 - 24.9
Aux. hydraulic flow rate - standard - high flow	gpm	39.6 -
Pressure	psi	3,626
Overall length with bucket	in	254.7
Overall width	in	94.1
Overall height*	in	120.5
Hinge pin height	in	150.4
Operating weight Cab	lbs	22,900
Standard tires		500/70 R24 ET40

* In the event of deviating tires or reversed wheel rims the dimensions will change.