Light Equipment
Product Guide

WACKER NEUSON
all it takes!

HYDRO TECHNOLOGY SYSTEMS

Hydro Technology Systems Inc
Contact Us For Pricing & Info
504-419-4308 Tel. 1-504-347-5548 Fax.
Web: www.hydrotechnologysystems.us
Email: sales@hydrotechnologysystems.us

COMPACTION I CONCRETE I DEMOLITION I UTILITY I CLIMATE

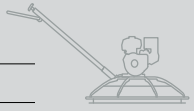
Wacker Neuson is a global manufacturer of light and compact equipment with a comprehensive product portfolio. Wacker Neuson's emphasis stands firmly on outstanding quality, innovative technology, personalized service and close customer contact.

In the United States, Wacker Neuson products are sold and rented by a network of dealers and supported by an industry leading team of factory trained sales, application and service personnel.

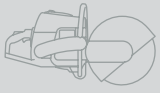
Look no further than Wacker Neuson... equipment and job site consulting for all phases of the construction process.

COMPACTION

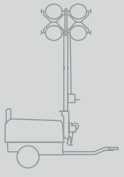
CONCRETE



DEMOLITION



UTILITY



CLIMATE

Note: Specifications may change due to continuous product development.

Oil-injected Vibratory Rammers

Patented oil-injection system provides reliable performance. The no-mix system is an added convenience for operators. An amazing fuel to oil ratio of 120:1 allows for longer and cleaner running times... up to 100 hours on a single tank of oil. A low oil shutdown switch prevents running the rammer without oil. Exclusive air filter compensation system allows for longer run time between filter changes.

BS 50-2i

BS 60-2i

BS 70-2i

Two-cycle Vibratory Rammer

This rammer has set the standard in the construction industry. Powered by the exclusive WM 80, this 2-cycle engine is specifically designed and built for vibratory rammers and meets EPA air emission standards. Exclusive air filter compensation system allows for longer run time between filter changes.

BS 50-2

TECHNICAL DATA		BS 50-2i	BS 60-2i	BS 70-2i
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	131	145	164
Shipping weight	lbs	142	156	175
Shipping size (l x w x h)	in	39 x 15 x 27	39 x 15 x 27	39 x 15 x 27
Stroke	in	2.53	3.13	2.6
Percussion rate	blows/min	700	700	650
Travel speed	ft/min	31	32	29
Compacted area 11 in shoe 13 in shoe	ft²/h	1710	1763	1598 1884
Engine type		air-cooled, 2-cycle, single cylinder, Wacker Neuson WM 80 gasoline engine		
Displacement	in³	4.9	4.9	4.9
Operating speed	rpm	4400	4400	4400
Max. rated power at rated speed	hp rpm	2.2 @ 4400	2.4 @ 4400	2.7 @ 4400
Power rating specification		80/1269/EEC, ISO 3046-1		
Fuel to oil ratio		120:1	120:1	120:1
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
Power train		Power train from engine via centrifugal clutch, gears, crank mechanism, connecting rod, guiding piston, double spring system, spring cylinder onto ramming shoe. Clutch engages when accelerating.		

TECHNICAL DATA		BS 50-2
Length x width x height	in	26.5 x 13.5 x 37
Shoe size (w x l)*	in	10 x 13
Operating weight	lbs	129
Shipping weight	lbs	140
Shipping size (l x w x h)	in	39 x 15 x 27
Stroke	in	1.71
Percussion rate	blows/min	715
Travel speed	ft/min	25.9
Compacted area	ft²/h	1274
Engine type		air-cooled, 2-cycle, single cylinder, gasoline engine WM 80
Displacement	in³	4.9
Operating speed	rpm	4400
Max. rated power at rated speed	hp rpm	2.2 @ 4400
Power rating specification		80/1269/EEC, ISO 3046-1
Fuel/oil ratio		100:1
Fuel consumption	qt/h	1.1
Fuel tank capacity	qt	3.2
Power train		Power train from engine via centrifugal clutch, gears, crank mechanism, connecting rod, guiding piston, double spring system, spring cylinder onto ramming shoe. Clutch engages when accelerating.

***Ramming shoes available in a range of widths.**

Four-cycle Vibratory Rammers

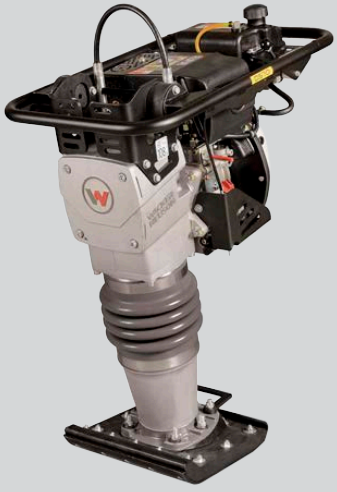
The preferred vibratory rammer design in the industry i s available with a WM 100 or a Honda GX100 4-cycle engines. These Rammers are designed for the compaction of cohesive, mixed and granular soils in confined areas. Exclusive air filter compensation system for longer run time between filter changes.

TECHNICAL DATA		BS 50-4s	BS 60-4s
Length x width x height	**in**	26.5 x 13.5 x 37	26.5 x 13.5 x 38
Shoe size (w x l)	in	11 x 13	11 x 13
Operating weight	lbs	139	156
Shipping weight	lbs	156	173
Shipping size (l x w x h)	in	39 x 15 x 27	39 x 15 x 27
Stroke	in	2.6	2.7
Percussion rate	blows/min	684	680
Travel speed	ft/min	24.8	28.0
Compacted area	ft²/h	1368	1543
Engine type		air-cooled, 4-cycle, single cylinder, Wacker Neuson WM 100 gasoline engine	
Displacement	in³	5.92	5.92
Operating speed	rpm	3950	3950
Max. rated power at rated speed	hp rpm	3.2 @ 4200	3.2 @ 4200
Power rating specification		SAE J1995	SAE J1995
Fuel consumption	qt/h	1.3	1.3
Fuel tank capacity	qt	3.2	3.2
Power train		Power train from engine via centrifugal clutch, gears, crank mechanism, connecting rod, guiding piston, double spring system, spring cylinder onto ramming shoe. Clutch engages when accelerating.	

TECHNICAL DATA		BS 50-4As	BS 60-4As
Length x width x height	in	26.5 x 13.5 x 37	26.5 x 13.5 x 38
Shoe size (w x l)	in	11 x 13	11 x 13
Operating weight	lbs	141	158
Shipping weight	lbs	158	176
Shipping size (l x w x h)	in	39 x 15 x 27	39 x 15 x 27
Stroke	in	2.2	3.1
Percussion rate	blows/min	680	690
Travel speed	ft/min	24.0	23.0
Compacted area	ft²/h	1324	1267
Engine type		air-cooled, 4-cycle, single cylinder, Honda GX100 gasoline engine	Honda GXR120 gasoline engine
Displacement	in³	5.98	5.98
Operating speed	rpm	3950	3950
Max. rated power at rated speed	hp rpm	3.15 @ 4200	3.15 @ 4200
Power rating specification		SAE J1995	SAE J1995
Fuel consumption	qt/h	0.9	0.9
Fuel tank capacity	qt	3.2	3.2
Power train		Power train from engine via centrifugal clutch, gears, crank mechanism, connecting rod, guiding piston, double spring system, spring cylinder onto ramming shoe. Clutch engages when accelerating.	

Diesel Vibratory Rammer

This diesel rammer offers maximum production, performance and durability while providing you the convenience of standardizing your diesel fleet. A well-balanced, lightweight machine for easy handling and operation. The DS 70 is ideally suited for the most demanding compaction of cohesive, mixed and granular soils in confined areas.



DS 70

TECHNICAL DATA		DS 70
Length x width x height	in	27.4 x 16.5 x 42.3
Shoe size (w x l)	in	13 x 13
Operating weight	lbs	200
Shipping weight	lbs	217
Shipping size (l x w x h)	in	39 x 17 x 29
Stroke	in	2.95
Percussion rate	blows/min	675
Travel speed	ft/min	23.5
Compacted area 11-inch shoe	ft^2 /h	1526
Engine type		air-cooled, single cylinder, 4-cycle, Hatz diesel
Displacement	in^3	14.8
Operating speed	rpm	3450
Max. rated power at operating speed	hp rpm	4.1 @ 3450
Power rating specification		ISO 3046-1
Fuel consumption	qt/h	0.9
Fuel tank capacity	qt	3.2
Power train		Power train from engine via centrifugal clutch, gears, crank mechanism, connecting rod, guiding piston, double spring system, spring cylinder onto ramming shoe. Clutch engages when accelerating.

Premium Vibratory Plates

These plates are designed for the compaction of granular and mixed materials with some cohesive content in confined areas. Featuring tough, wear resistant, ductile iron baseplate offering high strength and shock resistance, with a tapered bottom and edges for high speed and excellent maneuverability

WP 1550A

Premium Vibratory Asphalt Plates

Designed for the compaction of asphalt as well as granular and mixed materials with some cohesive content in confined areas. Large capacity, semi-transparent polyethylene water tank with filter, located within the front lift cage for protection.

WP 1550AW with wheels

TECHNICAL DATA		WP 1540	WP 1550	WP 1540A	WP 1550A
Length x width x height (handle in working position)	in	34.5 x 15.5 x 38	34.5 x 19.5 x 38	34.5 x 15.5 x 38	34.5 x 19.5 x 38
Lowest working height	in	20	20	20	20
Size of baseplate (w x l)	in	15.5 x 23	19.5 x 23	15.5 x 23	19.5 x 23
Operating weight	lbs	190	194	190	190
Shipping weight	lbs	205	209	205	205
Shipping size (l x w x h)	in	33 x 21.3 x 27	33 x 21.5 x 27	33 x 21.3 x 27	33 x 21.5 x 27
Compacted area	ft²/h	6590	9750	6590	9750
Forward speed	ft/min	100	100	85	100
Gradeability	%	30	30	30	30
Vibration frequency	vpm	6000	6000	6000	6000
Centrifugal force	lbs	3375	3375	3375	3375
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine			
		Subaru	Subaru	Honda	Honda
Displacement	in³	10.3	10.3	9.9	9.9
Operating speed	rpm	3600	3600	3600	3600
Max. rated power at rated speed	hp @ rpm	6 @ 3900	6 @ 3900	5.5 @ 3900	5.5 @ 3900
Power rating specification		SAE J1995	SAE J1995	SAE J1349	SAE J1349
Fuel tank capacity	qt	3.8	3.8	3.9	3.9
Fuel consumption	qt/h	1.6	1.6	1.9	1.9
Wheel kit	option	yes	yes	yes	yes

Power transmission from engine via centrifugal clutch and V-belt onto exciter which transmits centrifugal force onto baseplate. All specifications per CIMA-LEMB standards.

TECHNICAL DATA		WP 1540W	WP 1550W	WP 1540AW	WP 1550AW
Length x width x height (handle in working position)	in	34.5 x 15.5 x 38	34.5 x 19.5 x 38	34.5 x 15.5 x 38	34.5 x 19.5 x 38
Lowest working height	in	20	20	20	20
Size of baseplate (w x l)	in	15.5 x 23	19.5 x 23	15.5 x 23	19.5 x 23
Operating weight	lbs	190	194	190/195	194/199
Shipping weight	lbs	205	209	205	209
Shipping size (l x w x h)	in	33 x 21.3 x 28	33 x 21.5 x 28	33 x 21.3 x 28	33 x 21.5 x 28
Water tank capacity	qt	11	11	11	11
Compacted area	ft²/h	6590	10,233	6590	10,233
Forward speed	ft/min	100	100	85	100
Gradeability	%	30	30	30	30
Vibration frequency	vpm	6000	6000	6000	6000
Centrifugal force	lbs	3375	3375	3375	3375
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine			
		Subaru	Subaru	Honda	Honda
Displacement	in³	10.3	10.3	9.9	9.9
Operating speed	rpm	3600	3600	3600	3600
Max. rated power at rated speed	hp @ rpm	6 @ 3900	6 @ 3900	5.5 @ 3900	5.5 @ 3900
Power rating specification		SAE J1995	SAE J1995	SAE J1349	SAE J1349
Fuel tank capacity	qt	3.8	3.8	3.9	3.9
Fuel consumption	qt/h	1.6	1.6	1.9	1.9
Wheel kit	option	yes	yes	yes	yes

Power transmission from engine via centrifugal clutch and V-belt onto exciter which transmits centrifugal force onto baseplate. All specifications per CIMA-LEMB standards.

Value Vibratory Plates

These value vibratory plates offer functionality and performance at a value price. The compact design allows for compaction of mixed soils in the narrowest of spaces – even in extremely narrow trenches. The VP 1135 models offer baseplates of 14 inches wide by 21 inches in length and centrifugal force of 2470 lbs. The asphalt models feature a large capacity water tank and wide filler opening.

VP 1135AW

These value plate models offer 15.5 inch wide baseplates and 2925 lbs of centrifugal force. The asphalt models feature a large capacity water tank and wide filler opening for easier filling and improved productivity.

VP 1340AW

TECHNICAL DATA		VP 1135A	VP 1135AW
Length x width x height (handle in working position)	in	37.5 x 14 x 35	37.5 x 14 x 35
Lowest operating height	in	25	25
Operating weight	lbs	137	142
Size of base plate (w x l)	in	14 x 20.5	14 x 20.5
Shipping weight (including packaging)	lbs	144	149
Shipping size (l x w x h)	in	25.5 x 16 x 33	25.5 x 16 x 33
Max. forward travel (depending on soil)	ft/min	85	85
Max. forward travel (depending on asphalt)	ft/min	–	95
Max. compacted area (depending on soil)	ft²/h	5900	5900
Max. compacted area (depending on asphalt)	ft²/h	–	6569
Max. gradeability (depending on soil)	%	30	30
Vibration Frequency	vpm	5800	5800
Centrifugal force	lbs	2470	2470
Engine type		air-cooled single cylinder 4-cycle gasoline engine Honda	Honda
Displacement	in³	7.2	7.2
Max. rated power at rated speed	hp @ rpm	4 @ 3600	4 @ 3600
Power rating specification		SAE J1349	SAE J1349
Tank capacity (water)	qt	–	4
Fuel consumption	qt/h	0.9	0.9
Tank capacity (fuel)	qt	2.6	2.6

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter

TECHNICAL DATA		VP 1340 / VP 1340W	VP 1340A / VP 1340AW
Length x width x height (handle in working position)	in	40 x 15.5 x 32	40 x 15.5 x 35
Lowest operating height	in	26.5	26.5
Operating weight	lbs	163 / 168	163 / 168
Size of base plate (w x l)	in	15.5 x 23	15.5 x 23
Shipping weight (including packaging)	lbs	171 / 176	171 / 176
Shipping size (l x w x h)	in	27 x 21 x 32	27 x 21 x 32
Max. forward travel (depending on soil)	ft/min	75	75
Max. forward travel (depending on asphalt)	ft/min	– / 84	– / 84
Max. compacted area (depending on soil)	ft²/h	5900	5900
Max. compacted area (depending on asphalt)	ft²/h	– / 6594	– / 6594
Max. gradeability (depending on soil)	%	30	30
Vibration frequency	vpm	5800	5800
Centrifugal force	lbs	2925	2925
Engine type		air-cooled single cylinder 4-cycle gasoline engine Subaru	Honda
Displacement	in³	10.3	9.9
Max. rated power at rated speed	hp @ rpm	6 @ 3900	5.5 @ 3900
Power rating specification		SAE J1995	SAE J1349
Tank capacity (water)	qt	– / 4	– / 4
Fuel consumption	qt/h	1.6	1.9
Tank capacity (fuel)	qt	3.8	3.9
Wheel kit	option	yes	yes

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter

Value Vibratory Plates

These plates are optimally suited for a variety of compaction applications thanks to their high speed and simple maneuverability. The asphalt plate models feature a large capacity water tank and wide filler opening. Plates feature a baseplate width of 19.5 inches.

VP 1550W

The largest models in the value plate line feature specially designed exciter bearings to reduce maintenance and are suitable for hot asphalt applications (water tank available). Models offer a baseplate width of 19.5 inches.

VP 2050A

TECHNICAL DATA		VP 1550 / VP 1550W	VP 1550A / VP 1550AW
Length x width x height (handle in working position)	in	40 x 19.5 x 35	40 x 19.5 x 35
Operating weight	lbs	184 / 190	184 / 190
Shipping weight (including packaging)	lbs	188 / 194	188 / 194
Lowest operating height	in	26.5	26.5
Size of base plate (w x l)	in	19.5 x 23	19.5 x 23
Shipping size (l x w x h)	in	27 x 21 x 32	27 x 21 x 32
Max. forward travel (depending on soil)	ft/min	67	67
Max. forward travel (depending on asphalt)	ft/min	– / 75	– / 75
Max. compacted area (depending on soil)	ft²/h	6600	6600
Max. compacted area (depending on asphalt)	ft²/h	– / 7388	– / 7388
Max. gradeability (depending on soil)	%	up to 30	up to 30
Vibration frequency	vpm	5800	5800
Centrifugal force	lbs	3375	3375
Engine type		air-cooled single cylinder 4-cycle gasoline engine Subaru	air-cooled single cylinder 4-cycle gasoline engine Honda
Displacement	in³	10.3	9.9
Max. rated power at rated speed	hp @ rpm	6 @ 3900	5.5 @ 3900
Power rating specification		SAE J1995	SAE J1349
Tank capacity (water)	qt	– / 8	– / 8
Fuel consumption	qt/h	1.6	1.9
Tank capacity (fuel)	qt	3.8	3.9
Wheel kit	option	yes	yes

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter

TECHNICAL DATA		VP 2050W	VP 2050A / VP 2050AW
Operating weight	lbs	233	230/233
Shipping weight	lbs	240	235/240
Lowest operating height	in	27	27
Size of base plate (w x l)	in	20 x 23	20 x 23
Shipping size (l x w x h)	in	29 x 22 x 33	29 x 22 x 33
Max. forward travel (depending on soil)	ft/min	80	80
Max. forward travel (depending on asphalt)	ft/min	88	– / 88
Max. compacted area (depending on soil)	ft²/h	7880	7880
Max. compacted area (depending on asphalt)	ft²/h	8694	– / 8694
Max. gradeability(depending on soil)	%	30	30
Vibration frequency	vpm	5800	5800
Centrifugal force	lbs	4500	4500
Engine type		air-cooled single cylinder 4-cycle gasoline engine Subaru	air-cooled single cylinder 4-cycle gasoline engine Honda
Displacement	in³	10.3	9.9
Max. rated power at rated speed	hp @ rpm	6 @ 3900	5.5 @ 3900
Power rating specification		SAE J1995	SAE J1349
Tank capacity (water)	qt	8	– / 8
Fuel consumption	qt/h	1.6	1.9
Tank capacity (fuel)	qt	3.8	3.9

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter

Reversible Vibratory Plates

Versatile reversible plates ideal for compaction of interlocking paving stones, trenches, landscaping and maintenance. The only plates with a durable, integrated wheel set that provides for maximum built-in mobility. Single lever direction control provides for easy operation.

BPU 2540A

Reversible Vibratory Plates

The reliable plates with a unique integrated wheel set deliver excellent compaction performance in their size class. The small dimensions and the great maneuverablility, combined with high engine power, result in extraordinarily high productivity. Ideal for compaction of interlocking paving stones, trenches, landscaping and maintenance. Single lever direction control provides for easy operation.

DPU 3750H

TECHNICAL DATA		BPU 2540A	BPU 3050A	DPU 3050H
Operating weight	lbs	309	366	385.8
Shipping weight	lbs	344	398	430.1
Operating width	in	15.8	19.7	19.7
Machine height	in	26	27.5	29.8
Operating height (adjustable guide handle)	in	31.5 - 45.0	31.5 - 45.0	31.5 - 45
Shipping size (l x w x h)	in	29.9x18.5x50.8	30.1x22.4 x51.4	29.9 x 22.8 x 51.2
Base plate thickness	in	0.4	0.4	0.4
Centrifugal force	lbs	5625	6750	6750
Frequency	vpm	5400	5400	5400
Max. forward and reverse travel*	ft/min	68.9	68.9	68.9
Max. compacted area*	ft²/h	5425	6781	6781
Max. gradeability*	%	30	30	30
Engine type		air-cooled single cylinder 4-cycle engine Honda gasoline	Honda gasoline	Hatz diesel 1B30
Max. power output at speed (DIN ISO 3046)	hp rpm	5.5 3600	9.0 3600	6.8 3600
Rated power output at speed (DIN ISO 3046)	hp rpm	2.0 2800	2.6 2800	2.55 2800
Fuel consumption	qt/h	0.9	1.2	0.63
Tank capacity (fuel)	qt	3.9	5.3	5.29
Max. allowable tilt	°	20	19	25

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter
* Specification varies depending on soil.

TECHNICAL DATA		BPU 3750A	DPU 3750H
Operating weight	lbs	529.1	544.5
Shipping weight (including packaging)	lbs	557.8	612.9
Operating width	in	19.7	19.7
Machine height	in	29.4	29.8
Operating height**	in	36.8 - 51.3	34.3 - 51.7
Shipping size (l x w x h)	in	29.5 x 22 x 51.1	29.5 x 22 x 51.1
Base plate thickness	in	0.4	0.4
Centrifugal force	lb	8317.9	8317.9
Frequency	vpm	5400	5400
Max. forward and reverse travel*	ft/min	82	88.6
Max. compacted area*	ft²/h	8073	8719
Max. gradeability*	%	30	30
Engine type		air-cooled single cylinder 4-cycle engine Honda gasoline GX 270	Hatz diesel 1B30
Max. power output at speed (DIN ISO 3046)	hp rpm	8 3600	6.8 3600
Rated power output at speed (DIN ISO 3046)	hp rpm	3.6 2800	2.3 2800
Fuel consumption	qt/h	1.2	0.63
Tank capacity (fuel)	qt	5.6	5.3
Max. allowable tilt	°	20	25

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter
* Specification varies depending on soil. **Adjustable guide handle

Gasoline Reversible Vibratory Plates

The best compaction of various types of soil, showing their true strength when working on semi-cohesive soils. These reversible plates provide optimum performance along with a variable forward and reverse speeds. Plus, the dual shaft exciter technology provides the maximum possible compaction depth in most types of soil.

BPU 5545A

Diesel Reversible Vibratory Plates

These diesel plates offer infinitely variable forward and reverse operation for easy maneuverability. Ideal for trenches and over large areas, vibrating heavy interlocking paving stones and spot compaction. The ductile iron baseplate is impact and wear resistant. An optimum shockmount design reduces handle vibration, operator fatigue and engine wear. Available with Compatec compaction control system.

DPU 4545He

TECHNICAL DATA		BPU 4045A	BPU 5545A
Operating weight	lbs	710	749
Shipping weight	lbs	748	767
Operating width	in	17.7	17.3
Machine height	in	28.5	28.5
Operating height (adjustable guide handle)	in	40.6 - 55.5	40.6 - 55.5
Shipping size (l x w x h)	in	30.7 x 59.5 x 41.7	30.7 x 59.5 x 41.7
Base plate thickness	in	0.5	0.5
Centrifugal force	lbs	8992.4	12,364.5
Frequency	Hz	69	69
Max. forward and reverse travel*	ft/min	78.7	88.6
Max. compacted area with standard extension plates*	ft²/h	9300	9171
Max. gradeability*	%	34	34
Engine type		air-cooled single-cylinder, 4-cycle gasoline engine Honda	Honda
Max. power output at speed (DIN ISO 3046)	hp rpm	8 3000	8.6 3000
Rated power output (DIN ISO 3046) at	hp rpm	6.2 2600	7.2 2600
Fuel consumption	qt/h	1.7	2.1
Tank capacity (fuel)	qt	5.6	6.4
Max. allowable tilt	°	20	20

Power transmission from drive engine via centrifugal clutch and V-belt directly to exciter
* Specification varies depending on soil.

TECHNICAL DATA		DPU 4545He	DPU 5545He
Operating weight	lbs	932	935
Shipping weight	lbs	950	950
Operating width	in	17.3	17.3
Machine height	in	31.3	31
Shipping size (l x w x h)	in	30.7 x 59.5 x 41.7	30.7 x 59.5 x 41.7
Operating height (adjustable guide handle)	in	40.3 - 55.3	40.3 - 55.3
Base plate thickness	in	0.5	0.5
Centrifugal force	lbs	10,116.4	12,364.5
Frequency	Hz	69	69
Max. forward/reverse travel*	ft/min	68.8	77
Max. compacted area with standard extension plates*	ft²/h	8191	9171
Max. gradeability*	%	38	38
Engine type		air-cooled single-cylinder diesel engine Hatz 1 D 41 S	Hatz 1 D 41 S
Max. power output at (DIN ISO 3046)	hp rpm	8.5 3600	8.5 3600
Rated power output at (DIN ISO 3046)	hp rpm	6.6 3000	6.6 3000
Fuel consumption	qt/h	1.9	1.9
Tank capacity (fuel)	qt	5.3	5.3
Max. allowable tilt	°	30	30

Power transmission from drive engine via centrifugal clutch and pulley with automatic belt tightener to exciter
Compatec Accessory Kit available for both models. * Specification varies depending on soil.

Diesel Reversible Vibratory Plates

Low profile unit features standard extension plates providing adjustable operating widths. A reliable Hatz diesel engine with a low-oil shutdown switch and a maintenance-free alternator without V-belt. The heavy-duty roll cage and lifting eye provide for easy loading and placement into trenches. Available with Compatec compaction control system.

DPU 6555He

The DPU 7060Ft features an infrared remote control with stand-by mode and intelligent technology. The machine will immediately go into idle running mode and stop all travel movements when the operator lets go of the joysticks. The infrared remote control also uses a line of sight signal for added safety.

TECHNICAL DATA		DPU 6555He	DPU 6555Hec
Operating weight	lbs	1091.3	1095.7
Shipping weight	lbs	1104.5	1106.7
Operating width	in	28.0	28.0
Machine height	in	34.2	34.2
Shipping size (l x w x h)	in	30.7 x 59.5 x 41.7	30.7 x 59.5 x 41.7
Operating height (adjustable guide handle)	in	40.9 - 55.8	40.9 - 55.8
Base plate thickness	in	0.5	0.5
Centrifugal force	lbs	14,612.6	14,612.6
Frequency	Hz	69	69
Max. forward/reverse travel*	ft/min	91.9	91.9
Max. compacted area with standard extension plates*	ft²/h	12,917	12,917
Max. gradeability*	%	38	38
Engine type		air-cooled single-cylinder diesel engine Hatz Supra 1D81S	 Hatz Supra 1D81S
Max. power output at (DIN ISO 3046)	hp rpm	12.9 3000	12.9 3000
Rated power output at (DIN ISO 3046)	hp rpm	9 2880	9 2880
Fuel consumption	qt/h	2	2
Tank capacity (fuel)	qt	6.3	6.3
Max. allowable tilt	°	30	30

Power transmission from drive engine via centrifugal clutch and pulley with automatic belt tightener to exciter

* Specification varies depending on soil.

TECHNICAL DATA		DPU 7060Ft
Operating weight	lbs	1296
Shipping weight (including packaging)	lbs	1411
Operating width	in	313
Machine Height	in	31.5
Shipping size (l x w x h)	in	49.2 x 33.9 x 39.4
Baseplate thickness	in	0.55
Max. centrifugal force	lbf	15,377
Vibration frequency	vpm	3360
Max. forward and reverse speed	ft/min	82
Max. compacted area*	ft²	12,900
Max. gradeability*	%	40
Engine type		air-cooled, single cylinder diesel engine Farymann 43F
Max. power output at (DIN ISO 3046)	hp rpm	14.8 3000
Rated power output at (DIN ISO 3046)	hp rpm	12.1 2500
Fuel consumption	qt/h	1.5
Tank capacity (fuel)	qt	7.9
Max. allowable tilt	°	15

Power transmission from drive engine via centrifugal clutch and pulley with automatic belt tightener to exciter

* Specification varies depending on soil.

Diesel Reversible Vibratory Plates

Enormous compaction depth and a high surface capacity and is simple and safe to use thanks to a reliable “electronic control” at the height of the guide handle. The direction can be changed directly at the guide handle without repositioning. Hydraulic oil cooling system offers superior high temperature performance and durability.

DPU 100-70Les

TECHNICAL DATA		DPU 100-70Les
Operating weight	lbs	1653
Shipping weight	lbs	1714
Operating width	in	28.2
Machine height	in	35.8
Shipping size (l x w x h)	in	54.3 x 65 x 36.6
Operating height (adjustable guide handle)	in	30.7-48.8
Base plate thickness	in	0.55
Centrifugal force	lbs	22,031
Frequency	Hz	3360
Max. forward/reverse travel*	ft/min	98.4
Max. compacted area with standard extension plates*	ft²/h	13,875
Max. gradeability*	%	40
Engine type		air-cooled two-cylinder diesel engine Kohler
Max. power output at (DIN ISO 3046)	hp rpm	19.9 3000
Rated power output at (DIN ISO 3046)	hp rpm	13.7 2874
Fuel consumption	qt/h	3.4
Tank capacity (fuel)	qt	7.9
Max. allowable tilt	°	25

Power transmission from drive engine via centrifugal clutch and pulley with automatic belt tightener to exciter

* Specification varies depending on soil.

Diesel Reversible Vibratory Plates

The most powerful plate in the industry, this plate can easily do the work of a 7-ton roller while retaining the maneuverability of a vibratory plate. It is operated by an infrared remote control with a recognition sensor that automatically stops the machine when it comes within 6.5-feet of the operator.

DPU 130 LE

TECHNICAL DATA		DPU 130 LE
Dimensions (L x W x H)	in	50 x 47.32 x 38.9
Operating weight	lbs	2613
Shipping weight (including packaging)	lbs	2668
Working width	in	47.2
Machine Height	in	38.9
Baseplate thickness	in	0.6
Max. centrifugal force	lbf	29,225
Vibration frequency	vpm	3480
Max. forward and reverse speed	ft/min	102
Max. compacted area*	ft²	24,025
Engine type		water-cooled four-cylinder diesel engine Kohler
Max. power output at (DIN ISO 3046)	hp rpm	32.9 3600
Rated power output at (DIN ISO 3046)	hp rpm	21.5 2700
Fuel consumption	qt/h	4.2
Tank capacity (fuel)	qt	19
Max. allowable tilt	°	25

Power transmission from drive engine via centrifugal clutch and pulley with automatic belt tightener to exciter

* Specification varies depending on soil.

Single Drum Vibratory Rollers

Lightweight and highly maneuverable roller has infinitely variable hydrostatic drive with high curb clearance and close side clearance.

RSS 800A

Double Drum Vibratory Roller

Capable of performing a wide range of soil and asphalt compaction applications. This Compact design allows for tight side clearance on both sides of the roller. Totally hydrostatic drive, providing less maintenance and greater reliability.

RD 7He

TECHNICAL DATA		RS 800A	RSS 800A
Length x width x height	in	84 x 33 x 50	85.5 x 33 x 50
Operating weight	lbs	975	1000
Drum diameter	in	22	22
Drum width	in	28.3	28.3
Curb clearance (R / L)	in	16	16
Shipping weight	lbs	1025	1050
Shipping size (l x w x h)	in	45 x 38 x 85	45 x 38 x 85
Water tank capacity	gal	8	8
Engine type		air-cooled, 4-cycle, single cylinder Honda gasoline	Honda gasoline
Starter		Recoil	12V Electric & Recoil
Displacement	in^3	20.5	20.5
Operating speed	rpm	2400	2400
Max. rated power at rated speed	hp @ rpm	9.5 @ 3600	9.5 @ 3600
Power rating specification		SAE J1349	SAE J1349
Fuel consumption	gal/h	0.9	0.9
Fuel tank capacity	gal	1.8	1.8
Total centrifugal force	lbs	3400	3400
Frequency	vpm	4200	4200
Static linear force	lb/in	35	35
Dynamic linear force	lb/in	120	120
Transmission		Hydrostatic	Hydrostatic
Variable speeds - Forward/Reverse	mph ft/min	0-2.3 / 0-1.7 0-200 / 0-150	0-2.3 / 0-1.7 0-200 / 0-150
Area capacity	ft^2/h	up to 28,300	up to 28,300
Gradeability	%	30	30

TECHNICAL DATA		RD 7He	RD 7A
Dry weight	lbs	1566	1448
Operating weight	lbs	1624	1512
Drum diameter	in	16.5	16.5
Drum width	in	25.6	25.6
Overall size with handle down (l x w x h)	in	93.1 x 27.5 x 45.8	93.1 x 27.5 x 45.8
Curb clearance (R and L)	in	8.2	8.2
Side clearance (R and L)	in	0.9	0.9
Water tank capacity	gal	15.9	15.9
Shipping weight	lb	1647	1529
Shipping size (l x w x h)	in	52 x 29 x 77	52 x 29 x 77
Engine type		air-cooled, 4-cycle, single cylinder, Hatz diesel	Honda gasoline
Starting system		Electric	Recoil
Displacement	in^3	27.2	23.7
Operating speed	rpm	2600	2600
Max. rated power at rated speed	hp @ rpm	8.2 @ 2600	9.7 @ 2600
Power rating specification		ISO 3046/1 - IFN	ISO 3046/1 - IFN
Fuel consumption	gal/h	0.37	0.44
Fuel tank capacity	gal	1.3	1.5
Total (centrifugal) force (high/low)	lbf	4998 / 2935	4998 / 2935
Total applied force (high/low)	lbf	6621 / 4558	6509 / 4446
Frequency (high/low)	vpm	3725 / 2850	3725 / 2850
Static linear force per drum (f/r)	lbf/in	27 / 36	24 / 36
Dynamic linear force per drum (f/r) high	lbf/in	98 / 98	98 / 98
Total linear force per drum (f/r) high	lbf/in	125 / 134	121 / 133
Variable speeds - Forward/Reverse	mph	0-2.8 / 0-1.6	0-2.8 / 0-1.6
Maximum gradeability (with vibration)	%	40	40
Maximum gradeability (without vibration)	%	45	45
Max. area capacity	ft^2/h	31,108	31,108

Vibratory Trench Roller

Articulated trench roller features a dual joystick control and smart infrared remote control system for added safety. The extendable drums allow the machine's width to be converted from 32" to 22" wide.

RTx SC3

TECHNICAL DATA		RTLx-SC3	RTL82-SC3	RTKx-SC3	RTK82-SC3
Operating weight	lbs	3295	3197	3235	3134
Drum diameter	in	20.5	20.5	20.5	20.5
Drum width	in	22 / 32	32	22 / 32	32
Overall size (l x w x h)	in	73 x 32 x 50	73 x 32.1 x 50	73 x 32 x 50	73 x 32 x 50
Shipping weight	lbs	3532	3325	3408	3263
Shipping size (l x w x h)	in	89 x 35.1 x 56	89 x 35 x 56	89 x 35 x 56	89 x 35 x 56
Engine type		liquid cooled, 4-cycle, 3-cylinder, diesel engine with electric start			
		Kohler	Kohler	Kubota	Kubota
Displacement	in³	62.7	62.7	54.8	54.8
Max. rated power (per DIN-ISO 3046) at	hp (kW) rpm	19.8 (14.8) 3000	19.8 (14.8) 3000	20.7 (15.5) 3000	20.7 (15.5) 3000
Operating speed	rpm	3000	3000	3000	3000
Fuel consumption	gal/h	1.2	1.2	1.2 (4.5)	1.2
Fuel tank capacity	gal	6.3	6.3	6.3	6.3
Vibration frequency	vpm	2500	2500	2500	2500
Dynamic (centrifugal) force total	lbs	15,400 / 7700	15,400 / 7700	15,400 / 7700	15,400 / 7700
Static linear force per drum	lb/in	57.7	55.4	55	52.6
Dynamic linear force per drum (max.)	lb/in	258	258	258	258
Low speed	ft/min	66	66	66	66
High speed - forward only	ft/min	131	131	132	132
Compacted area	ft²/h	10,654	10,654	10,654	10,654
Gradeability	%	50	50	50	50
Turning radius - inside	in	63	63	63	63

1.0-ton Hydrostatic Vibratory Rollers

Dual drum drive and articulated steering for accurate control. Front drum vibration with static rear drum for a quality asphalt finish. A high exciter frequency allows compaction at faster speeds, even coverage with excellent results.

RD 12-90

TECHNICAL DATA		RD 12-90	RD 12A-90
Dry weight	lbs	2171	2171
Operating weight*	lbs	2491	2491
Weight w/ ballast in rear drum	lbs	2689	2689
Drum diameter	in	22	22
Drum width	in	35.4	35.4
Overall size (l x w x h)**	in	71.8 x 40.8 x 90.6	71.8 x 40.8 x 90.6
Curb clearance (R and L)	in	15.7/8.2	15.7/8.2
Side clearance (R and L)	in	1.9/3.5	1.9/3.5
Water tank capacity	gal	26.4	26.4
Shipping weight	lbs	2230	2230
Shipping size (l x w x h) with ROPS down	in	79.8 x 42.6 x 58.0	79.8 x 42.6 x 58.0
Engine type		air-cooled, 4-cycle, 2-cylinder, gasoline engine	
		WM 650	Honda GX630
Starting system		Electric	Electric
Displacement	in³	39.9	42
Operating speed	rpm	3100	3600
Max. rated power at rated speed	hp @ rpm	20.5 @ 3600	20.3 @ 3600
Power rating specification		SAE J1995	SAE J1349
Fuel consumption	gal/h	1.35	1.59
Fuel tank capacity	gal	6.1	6.1
Electrical system	Vdc	12	12
Number of vibrating drums		1	1
Dynamic (centrifugal) force	lbs	3400	3400
Frequency	vpm	4200	4200
Static linear force, front/rear	lb/in	28/41.2	28/41.2
Dynamic linear force, front	lb/in	96	96
Forward/reverse speed (Infinitely variable)	mph ft/min	0-5.4 0-475	0-5.4 0-475
Maximum gradeability	%	30	30
Outside turning radius	ft	8.0	8.0
Max. area capacity	ft²/h	84,281	84,281

* Includes 175 lb. operator, half-full water tank, half-full fuel tank. ** height to top of ROP

1.5-ton Hydrostatic Vibratory Roller

Dual drum drive for maximum traction and articulated steering for accurate control. Diesel-powered unit offers dual drum vibration for a high quality asphalt finish. A high exciter frequency allows compaction at faster speeds and even coverage.

RD 16-90

TECHNICAL DATA		RD 16-90	RD 16-100
Dry weight	lbs	2990	3067
Operating weight*	lbs	3274	3351
Drum diameter	in	22	22
Drum width	in	35.4	39.4
Overall size (l x w x h)**	in	76.8 x 39.4 x 100.3	76.8 x 43.4 x 100.3
Curb clearance (R and L)	in	15.7	15.7
Side clearance (R and L)	in	1.9	1.9
Water tank capacity	gal	26.4	26.4
Shipping weight	lbs	3165	3242
Shipping size (l x w x h) with ROPS down	in	79.8 x 42.6 x 77.7	79.8 x 46.5 x 77.7
Engine type		liquid-cooled, 4-cycle, 3-cylinder, diesel engine, Kohler	
Starting system		Electric	Electric
Displacement	in^3	62.7	62.7
Operating speed	rpm	3400	3400
Max. rated power at rated speed	hp @ rpm	22.5 @ 3400	22.5 @ 3400
Power rating specification		ISO 3046-1 IFN	ISO 3046-1 IFN
Fuel consumption	gal/h	1.3	1.3
Fuel tank capacity	gal	6.1	6.1
Electrical system	Vdc	12	12
Number of vibrating drums		2	2
Dynamic (centrifugal) force	lbs	3400 per drum	3400 per drum
Frequency	vpm	4200	4200
Static linear force, front/rear	lb/in	43.2/49.3	39.7/45.3
Dynamic linear force, front	lb/in	96	86.3
Forward/reverse speed (Infinitely variable)	mph ft/min	0-5.8 0-510	0-5.8 0-510
Maximum gradeability	%	30	30
Outside turning radius	ft	9.8	9.8
Max. area capacity	ft^2/h	90,094	100,104

* Includes 175 lb. operator, half-full water tank, half-full fuel tank. ** Height to top of beacon.

2.5-ton Hydrostatic Vibratory Roller

The RD 27 series provides the ultimate in compaction versatility. Your choice of high or low compaction force to fit a variety of conditions and applications.

RD 27

TECHNICAL DATA		RD 27-100	RD 27-120
Dry weight	lbs	5030	5510
Operating weight*	lbs	5470	5950
Drum diameter	in	27.6	27.6
Drum width	in	39.4	47.2
Overall size (l x w x h)**	in	98.4 x 43.5 x 109.1	98.4 x 51.4 x 109.1
Curb clearance (R and L)	in	20.2	20.2
Side clearance (R and L)	in	2	2
Water tank capacity	gal	50	50
Shipping weight	lb	5340	5820
Shipping size (l x w x h)	in	88 x 47 x 108	88 x 55 x 108
Engine type		liquid-cooled, 3 cylinder, Kubota diesel	
Displacement	in^3	111.4	111.4
Operating speed	rpm	2700	2700
Max. rated power at rated speed	hp @ rpm	37.5 @ 2700	37.5 @ 2700
Power rating specification		SAE J1995	SAE J1995
Fuel consumption (at 2470/2800 rpm)	gal/h	1.4	1.4
Fuel tank capacity	gal	13.6	13.6
Electrical system	Vdc	12	12
Number of vibrating drums		1 or 2	1 or 2
Dynamic (centrifugal) force per drum	lbs	6295 / 8430	7643 / 10,116
Frequency	vpm	3444 / 3960	3444 / 3960
Static linear force, front/rear	lb/in	64.9 / 77.2	56.2 / 66.7
Dynamic linear force (at 2700 rpm) Low / High	lb/in	159.9 / 214.1	159.9 / 214.1
Compaction depth for soil/asphalt	in	24/6	24/6
Forward/reverse speed (at 2700 rpm) (infinitely variable)	mph ft/min	0-6.2 0-546	0-6.2 0-546
Maximum gradeability	%	35	35
Outside turning radius	in	143.3	147.2
Max. area capacity	ft^2/h	107,639	129,167

* Includes 175 lb. operator, half-full water tank, half-full fuel tank. ** Height to top of beacon.

Flex-shaft Internal Vibrators

A 5000

The Head, Motor and Shaft (HMS) system is extremely versatile. These high frequency flex-shaft internal vibrators can be adapted to every type of application. Heads and shafts can be easily combined and rapidly exchanged to match the right equipment to the job. Unique hybrid heads offer optimum concrete consolidation and movement. HMS systems provide reliable performance and quality concrete.

US LISTED

TECHNICAL DATA		M 1500	M 2500
Drive motor		universal motor	universal motor
Power	hp	2.0	2.5
Voltage	V	120	120
Frequency	Hz	50 - 60	50 - 60
Input current	A	12.5	15
Idle speed	rpm	14,400	16,000
Cable length	ft	1.6	1.6
Length x width x height	in	12.3 x 6.1 x 9.1	12.3 x 6.1 x 9.1
Shipping size (l x w x h)	in	17 x 7 x 10	17 x 7 x 10
Weight	lbs	10.9	11.9
Shipping weight	lbs	12.4	13.4

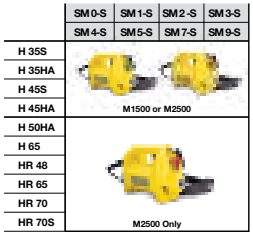
TECHNICAL DATA		A 1500	A 5000
Drive engine		air-cooled, 4-cycle single-cylinder, Honda gasoline engine	
Power	hp	1.3	5.5
Max speed	rpm	9,500	10,600
Fuel type		regular grade gasoline	regular grade gasoline
Fuel tank capacity	qt	0.6	2.6
Fuel consumption	qt/h	0.6	1.8
Size (l x w x h)	in	16.7 x 10.8 x 15.9	22.3 x 16.6 x 15.2
Weight	lbs	23.3	51.9
Shipping size (l x w x h)	in	20.9 x 13.8 x 16.9	28 x 21 x 21
Shipping weight	lbs	28.6	62

SHAFTS		SM1-E	SM2-E	SM4-E	SM0-S	SM1-S	SM2-S
Length	ft	3	6.5	13	1.5	3	6.5
Weight	lbs	3.3	5.5	9.5	2.9	6.0	9.5

SHAFTS		SM3-S	SM4-S	SM5-S	SM7-S	SM9-S
Length	ft	10	13	16.5	23	30
Weight	lbs	13	15.7	20.5	28.4	33.3

VIBRATOR HEADS		H 25S	H 25HA	H 35S	H 35HA	H 45S	H 45HA	HR 48
Diameter	in	1.0	1.0	1.4	1.4	1.8	1.8	1.89
Length	in	11.7	15.0	12.3	15.9	12.0	15.4	14.0
Weight	lbs	1.8	2.6	3.6	4.4	6.2	6.8	6.0
Suitable flexible shafts		SM-E	SM-E	SM-S	SM-S	SM-S	SM-S	SM-S

VIBRATOR HEADS		H 50HA	H 65	HR 65	HR 70	HR 70S
Diameter	in	2.0	2.5	2.5	2.75	2.75
Length	in	15.6	15.3	15.0	15.0	6.0
Weight	lbs	7.9	15.0	8.4	11.0	6.0
Suitable flexible shafts		SM-S	SM-S	SM-S	SM-S	SM-S



T-handle Guide

Green M1500

Red M2500

SHAFT:		HEAD:	
SM	= Shaft	H	= Vibrator Head
1	= Lenght in m (0 = 0.5 m)	R	= Rubber Coated Head
		25	= Diameter of head in mm
E	= Economy	S	= Short head
S	= Standard	HA	= Head with high amplitude
		(without)	= Standard round head

High Frequency Internal Vibrators
with Integrated Inverter

These high-frequency motor-in-head vibrators feature a unique integrated converter that allows the units to plug directly into a standard 115V outlet. This patented system gives you the performance of high-frequency without an expensive high-cycle generator. The micro-inverter automatically changes single phase 60 cycle to three phase 200 Hertz which guarantees consistent RPM with no loss under load.

TECHNICAL DATA		IRFU 30	IRFU 38	IRFU 45
Vibrator head diameter	in	1.2	1.5	1.8
Vibrator head length (l)	in	13.9	13.6	15.0
Shipping size (l x w x h)	in	29.5 x 6.7 x 23.6	29.5 x 6.7 x 23.6	29.5 x 6.7 x 23.6
Protective hose length	ft	16.4	16.4	16.4
Vibrator head weight	lb	3.0	4.9	7.7
Total weight	lb	25.3	31.1	34.0
Shipping weight (including packaging)	lb	29.5	39.7	41.9
Effective compaction diameter (depending on concrete consistency)	in	15.7	19.7	23.6
Vibrations	vpm	12,000	12,000	12,000
Input voltage/phase	V/~	110-130/1~	110-130/1~	110-130/1~
Input frequency	Hz	50 - 60	50 - 60	50 - 60
Input current	A	4.4	7.0	9.6
Power cable length (plug to Bodyguard®)	ft	49.2 + 1.6	49.2 + 1.6	49.2 + 1.6
Drive motor		high frequency squirrel-cage induction motor with electronic frequency inverter integrated into switch housing for direct main supply using 110-130 V, 50/60 Hz, 1~		
Head voltage/phase	V/~	214/3~	214/3~	214/3~
Head frequency	Hz	200	200	200

Power transmission directly from the built-in 3-phase high frequency induction motor to the vibration system.

TECHNICAL DATA		IRFU 57	IRFU 65	IRFU 60HR
Vibrator head diameter	in	2.3	2.6	2.6
Vibrator head length (l)	in	15.8	19.3	16.3
Shipping size (l x w x h)	in	29.5 x 6.7 x 23.6	29.5 x 6.7 x 23.6	29.5x6.7x23.6
Protective hose lengths	ft	16.4 26.2 32.8	16.4 26.2	16.4 26.2 32.8
Vibrator head weight	lb	12.8	20.2	13.7
Total weight	lb	43.7	56.2	50.3
Shipping weight (including packaging)	lb	50.7	60.4	53.4
Effective compaction diameter (depending on concrete consistency)	in	33.5	39.3	33.5
Vibrations	vpm	12,000	12,000	12,000
Input voltage/phase	V/~	110-130/1~	110-130/1~	110-130/1~
Input frequency	Hz	50 - 60	50 - 60	50 - 60
Input current	A	12.0	15.0	14.0
Power cable length (plug to Bodyguard®)	ft	49.2 + 1.6	49.2 + 1.6	49.2 + 1.6
Drive motor		high frequency squirrel-cage induction motor with electronic frequency inverter integrated into switch housing for direct main supply using 110-130 V, 50/60 Hz, 1~		
Head voltage/phase	V/~	214/3~	214/3~	214/3~
Head frequency	Hz	200	200	200

Power transmission directly from the built-in 3-phase high frequency induction motor to the vibration system.

External Vibrator for Concrete Consolidation

The AR 26 external vibrator was designed specifically for cast-in-place formwork as well as light precast concrete applications. Its low weight, compact size, and ability to keep a constant speed under load make it the preferred external vibrator for concrete consolidation. Accessory clamping devises are available and are designed to be lightweight, portable, and efficient.

AR 26

Electronic Frequency and Voltage Inverters will win you over with their performance and flexibility. They are designed to power up to four AR 26/6/042 external vibrators simultaneously. For wall pours, external vibrators are typically grouped in units of four and the groups are plugged and unplugged into the FUE 6 as the concrete advances down the line. Solid state technology and no moving parts make it very low maintenance.

FUE 6

TECHNICAL DATA		AR 26/6/042	ARFU 26/6/115
Length x width x height	in	9.13 x 8.94 x 4.04	8.8 x 7.5 X 4.0
Shipping size (l x w x h)	in	13.6 x 7.3 x 7.1	13.6 x 7.3 x 7.1
Bore pattern	in	3.54 x 4.92	3.54 x 4.92
Weight	lb	9.0	27.4
Shipping weight	lb	14.8	32.0
Centrifugal force (adjustable)	lbf	780.0	517.1
Vibrations	rpm	6000	6000
Power	kW	0.4	1.1
Voltage	V	42 3~	110-130
Frequency	Hz	200	50-60
Input current	A	8	12

TECHNICAL DATA		FUE 6/042/200
Length x width x height	in	20.5 x 12.2 x 19.5
Shipping size (l x w x h)	in	20.5 x 12.6 x 20.5
Weight	lb	67.2
Shipping weight (including packaging)	lb	72.8
Input voltage	V	220 - 240 1~
Input frequency	Hz	50 - 60
Input current	A	22
Input power	kVA	5.2
Output frequency (reprogrammable)	Hz	0 - 200
Power cable	ft	32.8
Protection grade		IP 44

Backpack Vibrator

These gasoline vibrators feature high impact, high frequency concrete vibration. Portable vibrators are ideally suited for light to medium duty concrete work and hard to reach concrete applications. Offering over 10,000 vibrations per minute, these vibrators are portable and productive... a winning combination for any jobsite.

BV 50A-H

Wet Screed

P 35A

A wet screed that can fit the demands of every job site with a variety of blade lengths, plus each unit is designed to fit the demands of every operator. Its unique twin handle system is fully height and angle adjustable offering maximum operator comfort.

TECHNICAL DATA		BV 35A-P	BV 50A-H*
Overall size (l x w x h)	in	25 x 19 x 23	23 x 19 x 23
Weight w/o shaft & head	lb	22	29
Shipping size (l x w x h)	in	28.4 x 18.5 x 25.7	28.4 x 18.5 x 25.7
Shipping weight	lb	30	37
Shaft	ft	9.8	10, 13, 16.5
Head diameter	in	1.8	1-3/8, 1-3/4, 2
Vibrations (no load)	vpm	14,000	12,000
Engine type		4-stroke, overhead valve, single cylinder, air-cooled, gasoline Honda	Honda
Starter		Recoil	Recoil
Operating power	hp (kW)	1.6 (1.2)	2.5 (1.8)
Operating speed	rpm	variable	variable
Piston displacement	in³	2.2	3.0
Horsepower (at 7000 rpm)	hp	1.6	2.5
Fuel tank capacity	qt	0.6	0.8
Fuel consumption	qt/h	0.6	0.9

*BV 50 heads and shafts sold separately

	SM 2-S	SM 3-S	SM 4-S
H 35HA	BV50A-H		
H 45HA			
H 50HA			

SHAFT:	
SM	= Shaft
1	= Lenght in m (0 = 0.5 m)
E	= Economy
S	= Standard

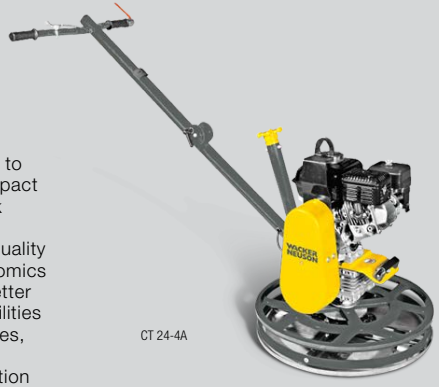
HEAD:	
H	= Vibrator Head
R	= Rubber Coated Head
25	= Diameter of head in mm
S	= Short head
HA	= Head with high amplitude
(without)	= Standard round head

TECHNICAL DATA		P 35A
Length x width x height	in	36.7 x 36.7 x 35.6
Weight	lbs	36
Engine type		4-cycle, air-cooled gasoline engine Honda
Operating speed	rpm	variable
Piston displacement	in³	2.2
Horsepower	hp	1.6
Fuel tank capacity	qt	0.6
Fuel consumption	qt/h	0.6
Shipping weight	lbs	41
Shipping size	in	26.3 x 19 x 24.5

SCREED BLADES - magnesium		SB 4F	SB 6F	SB 8F	SB 10F	SB 12F
Length	ft	4	6	8	10	12
Width	in	6.5	6.5	6.5	6.5	6.5
Weight	lbs	6.24	8.95	12.1	15.15	18.1

SCREED BLADES - magnesium		SB 14F	SB 16F	SB 15M	SB 20M
Length	ft	14	16	4.9	6.6
Width	in	6.5	6.5	6.5	6.5
Weight	lbs	21.15	24.1	7.89	10.81

Edging Trowel



CT 24-4A

Specifically designed for up to the edge finishing, this compact trowel eliminates hand work along walls. This machine improves productivity and quality while providing more ergonomics for the operator. Offering better floating and finishing capabilities along wall lines and obstacles, the CT 24-4A edging trowel delivers an unmatched solution to the concrete job site.

TECHNICAL DATA		CT 24-4A
Length x width x height	in	61 x 24 x 41
Operating weight	lbs	160
Shipping weight	lbs	183
Shipping size	in	38.5 x 26.6 x 35.6
Storage size	in	38 x 24 x 34
Trowel diameter	in	24
Number of blades		4
Finish blade size	in	9 x 4.75
Float blade size	in	23.8
Speed range	rpm	90-141
Pitch range	degrees	0-15
Engine type		air-cooled, 4-cycle, single-cylinder, gasoline engine Honda
Operating speed	rpm	3800
Max. rated power at rated speed	hp @ rpm	3.5 @ 3600
Power rating specification		SAE J1349
Piston displacement	in^3	7.3
Fuel tank capacity	qt	2.6
Fuel consumption	qt/h	1.3

Standard Walk-behind Trowels

CT 48-9

Designed and built with the most advanced technology, these walk-behind trowels offer high quality concrete finishing plus added operator safety. The patented gearbox brake, patented gyroscopic safety sensor and patented engine speed limiter provide triple protection for the operator. This unique system minimizes a runaway handle situation.

TECHNICAL DATA		CT 36-5A	CT 36-6	CT 48-8A	CT 48-9
Length x width x height	in	79 x 36 x 36	79 x 36 x 36	85 x 48 x 41	85 x 48 x 41
Operating weight	lbs	183	183	234	227
Shipping weight	lbs	220	220	284	277
Shipping size	in	41 x 40 x 29	41 x 40 x 29	51 x 46 x 43	51 x 46 x 43
Trowel diameter	in	36	36	48	48
Number of blades		4	4	4	4
Speed range	rpm	60-125	60-125	60-125	60-125
Pitch range		0-30°	0-30°	0-30°	0-30°
Engine type		air-cooled, 4 cycle, single cylinder, gasoline engine Honda	Wacker Neuson	Honda	Wacker Neuson
Operating speed	rpm	3800	3800	3800	3800
Max. rated power at rated speed	hp @ rpm	4.8 @ 3600	5.7 @ 4000	7.1 @ 3600	9 @ 4000
Power rating specification		SAE J1349	SAE J1349	SAE J1349	SAE J1349
Piston displacement	in^3	9.9	10.3	14.8	16.2
Horsepower	hp	5.5	6.0	8	9
Fuel tank capacity	qt	3.8	3.8	6.4	6.4
Fuel consumption	qt/h	1.9	1.6	2.8	2.6

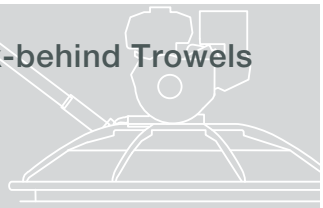
High Horsepower Walk-behind Trowels

Designed and built with the most innovative technology, these high horsepower walk-behind trowels offer the same speed range as our standard trowel line, but with higher horsepower. These high horsepower units provide better torque for low speed floating and additional weight for those operators who prefer a heavier trowel (especially in hot, dry or windy conditions).

CT 48-11A

TECHNICAL DATA		CT 36-8A	CT 36-9	CT 48-11A
Length x width x height	in	79 x 36 x 41	79 x 36 x 41	85 x 48 x 41
Operating weight	lbs	208	199	250
Shipping weight	lb	245	238	300
Shipping size	in	41 x 40 x 29	41 x 40 x 29	51 x 46 x 43
Trowel diameter	in	36	36	48
Number of blades		4	4	4
Speed range	rpm	60-125	60-125	60-125
Pitch range		0-30°	0-30°	0-30°
Engine type		air-cooled, 4 cycle, single cylinder, gasoline engine		
		Honda	Wacker Neuson	Honda
Operating speed	rpm	3800	3800	3800
Max. rated power at rated speed	hp @ rpm	7.1 @ 3600	9 @ 4000	9.5 @ 3600
Power rating specification		SAE J1349	SAE J1349	SAE J1349
Piston displacement	in³	14.8	16.2	20.6
Fuel tank capacity	qt	6.4	6.4	6.5
Fuel consumption	qt/h	2.8	2.6	2.8

Variable Speed Walk-behind Trowels



These variable speed trowels will get the job done... fast. A variable transmission system provides wide speed range (25-200 rpm) for low-speed, high torque floating through high-speed burnishing all in one machine. The large pitch-control range offers complete control over finishing and floating for application versatility during operation.

TECHNICAL DATA		CT 36-8A-V	CT 36-9-V	CT 48-13A-V
Length x width x height	in	79 x 36 x 41	79 x 36 x 41	85 x 48 x 41
Operating weight	lbs	208	199	268
Shipping weight	lbs	245	238	318
Shipping size (l x w x h)	in	41 x 40 x 29	41 x 40 x 29	51 x 46 x 43
Trowel diameter	in	36	36	48
Number of blades		4	4	4
Speed range	rpm	25-200	25-200	25-200
Pitch range		0-30°	0-30°	0-30°
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine		
		Honda	Wacker Neuson	Honda
Operating speed	rpm	3800	3800	3800
Max. rated power at rated speed	hp @ rpm	7.1 @ 3600	9 @ 4000	11 @ 3600
Power rating specification		SAE J1349	SAE J1349	SAE J1349
Piston displacement	in³	14.8	16.2	20.6
Fuel tank capacity	qt	6.4	6.4	6.5
Fuel consumption	qt/hr	2.8	2.6	2.8

Ride-on Trowels

These 36-inch ride-on trowels offer quality results, high productivity, operator comfort plus unique options and features. These trowels feature a unique patent-pending integrated wheel kit. This factory-installed option offers easy maneuverability around the job site. One jack lowers both wheels down, later the wheel kit conveniently folds up and under. During troweling, the wheel kit does not block operator's line of sight.

CRT 36-26A

TECHNICAL DATA		CRT 36-26A /with wheel kit
Operating size (l x w x h)	in	80 x 41 x 54
Operating weight	lbs	830 / 865
Shipping size (l x w x h)	in	86 x 45 x 63.5
Shipping weight	lbs	1050 / 1085
Trowel diameter	in	36
Number of blades		8
Combination blade size	in	14 x 8
Finish blade size	in	14 x 6
Float blade size	in	14 x 10
Speed range	rpm	25-165
Pitch range	degrees	0-25
Engine type		4-cycle V-twin, 2-cylinder, air-cooled, gasoline engine Honda
Operating speed	rpm	3850
Max. rated power at rated speed	hp @ rpm	22 @ 3600
Power rating specification		SAE J1349
Piston displacement	in^3	42
Fuel tank capacity	gal	6.5
Fuel consumption	gal/h	2.4

Ride-on Trowels

These 48-inch ride-on trowels offer high productivity and quality results. Featuring a patented torsion assist steering system, these trowels are easy to operate and reduce operator fatigue. Ergonomic twin lever control makes for excellent maneuverability.

CRT 48-35L

TECHNICAL DATA		CRT 48-35V	CRT 48-33K / DF
Operating size (l x w x h)	in	101 x 51 x 58	101 x 51 x 58
Operating weight	lbs	1130	1343
Shipping size (l x w x h)	in	107 x 55.75 x 64	107 x 55.75 x 64
Shipping weight	lbs	1470	1643
Trowel diameter	in	48	48
Number of blades		10	10
Combination blade size	in	18 x 8	18 x 8
Finish blade size	in	18 x 6	18 x 6
Float blade size	in	18 x 10	18 x 10
Speed range	rpm	25-165	25-165
Pitch range	degrees	0-25	0-25
Engine type		4-cycle V-Twin air-cooled gasoline Briggs & Stratton Vanguard	4-cycle, 3-cylinder liquid-cooled gasoline / LP Kubota
Operating speed	rpm	3800	3850
Max. rated power at rated speed	hp @ rpm	35 @ 3600	32.4 / 31 @ 3600
Power rating specification		SAE J1995	SAE J1349
Piston displacement	in^3	61	58.7
Fuel tank capacity	gal	6.5	6.5
Fuel consumption	gal/h	2.75	3.1
Fuel consumption – LP	lb/h	–	16.5

Ride-on Trowels

This innovative trowel combines hydraulics and electronics to offer a true power steer system that offers the results of a hydrostatic unit matched with the responsiveness of a mechanical steer unit. Ideal for large pours and on elevated deck pours where lighter weight machines are preferred. Patented dual mode steering program to switch from settings for large open areas and for use in tight clearance areas around slab obstructions.

CRT 48-35V-PS

Technical Data		CRT 48-35V-PS	CRT 48-57K-PS
Operating size (l x w x h)	in	101 x 51 x 59	101 x 51 x 59
Shipping size (l x w x h)	in	107 x 55.75 x 64	107 x 55.75 x 64
Operating weight	lb (kg)	1290	1456
Shipping weight	lb	1630	1796
Trowel diameter	in	48	48
Number of blades		10	10
Combination blade size	in	18 x 8	18 x 8
Finish blade size	in	18 x 6	18 x 6
Float blade size	in	18 x 10	18 x 10
Speed range	rpm	0-25	0-25
Engine type		4-stroke, V-twin air-cooled gasoline Vanguard	4-stroke, 4-cylinder liquid-cooled gasoline Kubota EFI
Operating speed	rpm	4000	3600
Max. rated power at rated speed	hp rpm	35 3600	57 3600
Power rating specification		J 1995	J 1995
Piston displacement	in^3	61	94
Fuel tank capacity	gal	6.5	6.5
Fuel consumption	gal/h	2.75	2.5

Ride-on Trowels

This professional ride-on trowel is the first in the industry to combine the high performance of a hydraulic drive unit with an electro-hydraulic steering system that makes operation more comfortable and the trowel more responsive to the operator's commands. Fully hydraulic drive plus exceptionally high rotor speed provide for extra power and superior finishing. This is the ideal machine for high volume, professional concrete contractors looking for an easy to operate, high performance trowel for large jobs.

CRT 60-74L

TECHNICAL DATA		CRT 60-74L
Operating size (l x w x h)	in	127 x 65 x 57
Shipping size (l x w x h)	in	130.5 x 67.5 x 65
Operating weight	lb	2720
Shipping weight	lb	2970
Trowel diameter	in	60
Number of blades		12
Combination blade size	in	23 x 8
Finish blade size	in	23 x 6
Float pans	in	60
Speed range	rpm	25-140
Pitch range	degrees	0-25
Engine type		Tier IV Final, 4-stroke, 4-cylinder liquid-cooled, turbo-charged, diesel Kohler
Operating speed	rpm	2700
Max. rated power at rated speed	hp @ rpm	74 @ 2600
Power rating specification		SAE J1995
Piston displacement	in^3	151.5
Fuel tank capacity	gal	12
Fuel consumption	gal/h	3.3

Portable Cut-off Saws

BTS 630

These professional cut-off saws offer a high performance 3-stage air filtration system to maximize time between maintenance intervals resulting in increased operator productivity. The high torque engine and durable design has been tested under extreme conditions to ensure reliability and optimal cutting performance.

BTS
SAW CART

TECHNICAL DATA		BTS 630
Length x width x height (without guide cart)	in	31.5 x 12.4 x 14.6
Shipping size (l x w x h)	in	32 x 13 x 18
Weight	lb	24.0
Shipping weight (including packaging)	lb	25.7
Blade diameter - max.	in	12
Blade diameter - min.	in	12
Arbor diameter	in	0.8
Nominal blade speed	rpm	4,240
Cutting depth - max.	in	4.0
Engine		single cylinder 2-cycle gasoline engine
Displacement	in³	5.2
Power output	hp	5.8
Gasoline-oil mixture		50 : 1
Fuel consumption	qt/h	2.4
Tank capacity	qt	1.2
Soft start option		no

TECHNICAL DATA		BTS 635S
Length x width x height (without guide cart)	in	32.5 x 12.4 x 14.6
Shipping size (l x w x h)	in	32 x 13 x 18
Weight	lb	24.9
Shipping weight (including packaging)	lb	26.6
Blade diameter - max.	in	14
Blade diameter - min.	in	12
Arbor diameter	in	1.0
Nominal blade speed	rpm	4,240
Cutting depth - max.	in	5.0
Engine		single cylinder 2-cycle gasoline engine
Displacement	in³	5.2
Power output	hp	5.8
Gasoline-oil mixture		50 : 1
Fuel consumption	qt/h	2.4
Tank capacity	qt	1.2
Soft start option		yes

Single-phase Submersible Pumps

These high performance single-phase submersible pumps are ideal for pumping water down to very low levels (as low as 0.04"). Suitable for most 110V outlets, these pumps offer big pump features for a small pump investment.

PSR1 500

PSG2 500

TECHNICAL DATA		PSR1 500
Discharge diameter	in	0.75
Length x width x height	in	7.7 x 7.7 x 12.4
Operating weight	lbs	26
Shipping weight	lbs	34
Shipping size (l x w x h)	in	15 x 9.7 x 9.0
Maximum head	ft	40
Maximum flow rate	gal/min	45
Continuous running water level	in	0.04
Solid size capacity	in	0.2
Motor type		Single phase 60Hz
Voltage		110V
Current (full load @ 110V)	A	6.1
Speed	rpm	3255
Power	hp	2/3
Cable length	ft	32
Cable size	awg	16

TECHNICAL DATA		PSG2 500
Discharge diameter	in	2
Length x width x height	in	8.3 x 8.3 x 11.2
Operating weight	lbs	23
Shipping weight	lbs	29
Shipping size (l x w x h)	in	15 x 9.7 x 9.7
Maximum head	ft	40
Maximum flow rate	gal/min	62.4
Continuous running water level	in	0.2
Solid size capacity	in	0.2
Motor type		Single phase 60Hz
Voltage		110V
Current (full load @ 110V)	A	6.1
Speed	rpm	3255
Power	hp	2/3
Cable length	ft	32
Cable size	awg	16

Single-phase Submersible Pumps

No matter how large or small the job, these single-phase submersible pumps offer the versatility and durability contractors need for light dewatering. This comprehensive family of pumps offers large pump features for a small pump investment.

PST2 400

PS2 500

PSA2 500

TECHNICAL DATA		PST2 400 / PSTF2 400*	PST3 750 / PSTF3 750*
Discharge diameter	in	2	3
Length x width x height	in	10.1 x 7.3 x 13	12.5 x 7.3 x 15.3
Operating weight	lbs	25	42
Shipping weight	lbs	30	48
Shipping size (l x w x h)	in	16.3 x 10.3 x 8.5	19 x 13 x 10.3
Max. head	ft	39	62
Max. discharge	gal/min	53	60
Max. pressure	psi	16.8	16.8
Solid size capacity	in	0.27	0.27
Motor type		Single phase/60 Hz	Single phase/60 Hz
Voltage		110V	110, 220V
Current (full load/start @ 110V)	A	5.4 / 12.5	10 / 26
Current (full load/start @ 220 V)	A	na	4.7
Speed	rpm	3321	3408
Power	hp	1/2	1
Cable length	ft	20	33
Cable size	awg	16	14
Impeller material		Urethane rubber	Urethane rubber
Impeller type		Semi-vortex	Semi-vortex

* Float version.

TECHNICAL DATA		PS2 500	PSA2 500
Discharge diameter	in	2	2
Length x width x height	in	7.3 x 7.3 x 12	8.7 x 7.3 x 12
Operating weight	lbs	21	22
Shipping weight	lbs	28	30
Shipping size (l x w x h)	in	13.8 x 9.8 x 9	14.3 x 10.3 x 9
Max. head	ft	39	39
Max. discharge	gal/min	62.4	62.4
Max. pressure	psi	17	17
Solid size capacity	in	0.2	0.2
Motor type		Single phase/60 Hz	Single phase/60 Hz
Voltage		110V	110V
Current (full load/start @ 110V)	A	6.1/12.5	6.1/12.5
Current (full load/start @ 220 V)	A	3.0/8.0	na
Speed	rpm	3270	3270
Power	hp	2/3	2/3
Cable length	ft	32	32
Cable size	awg	16	16
Impeller material		Urethane rubber	Urethane rubber
Impeller type		Semi-vortex	Semi-vortex

Single-phase Submersible Pumps

No matter how large or small the job, these single-phase submersible pumps offer the versatility and durability contractors need for light dewatering. This family of pumps offers big pump features for a small pump investment.

PS2 800

PS3 1500

PS3 2200

TECHNICAL DATA		PS2 800	PSA2 800
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
Shipping weight	lbs	36	37
Shipping size (l x w x h)	in	18.8 x 10.5 x 10.3	18.75 x 10.5 x 10.25
Max. head	ft	59	59
Max. discharge	gal/min	82	82
Max. pressure	psi	17	17
Solid size capacity	in	0.2	0.2
Motor type		Single phase / 60 Hz	Single phase / 60 Hz
Voltage		110, 220V	220V
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	3300	3300
Power	hp	1	1
Cable length	ft	49	49
Cable size	awg	14	14
Impeller material		Urethane rubber	Urethane rubber
Impeller type		Semi-vortex	Semi-vortex

TECHNICAL DATA		PS3 1500	PSW3 1500	PS3 2200
Discharge diameter	in	3	3	3
Length x width x height	in	9.5 x 9.5 x 22.5	7.4 x 7.4 x 23.4	9.5 x 9.5 x 22.5
Operating weight	lbs	63.5	72	64
Shipping weight	lbs	78	88	78
Shipping size (l x w x h)	in	13.5 x 13 x 28	26 x 11 x 13.3	13.5 x 13 x 28
Max. head	ft	69	69	85
Max. discharge	gal/min	111	111	130
Max. pressure	psi	30	30	37
Solid size capacity	in	0.3	0.24	0.3
Motor type			Single phase / 60 Hz	
Voltage		110V	110, 220V	220V
Current (full load/start @ 110V)	A	23 / 136	27 / 108	na
Current (full load/start @ 220 V)	A	11.5 / 68	13.7 / 54	13 / 70
Speed	rpm	3440	3480	3465
Power	hp	2	2	3
Cable length	ft	32	49	32
Cable size	awg	12	12	14
Impeller material		Ductile iron	Ductile iron	Ductile iron
Impeller type		Semi-vortex	Semi-vortex	Semi-vortex

Three-phase Submersible Pumps

No matter how large or small the job, these three-phase submersible pumps offer the versatility and durability contractors need to keep their job sites dry. Suitable for most three phase, 60 Hz voltages, these high performance pumps can efficiently move up to 260 gallons/ minute.

PS2 1503

PS3 5503

TECHNICAL DATA		PS2 1503*	PS3 2203*
Discharge diameter	in	2	3
Length x width x height	in	9.3 x 8.5 x 18.8	9.3 x 8.5 x 19.6
Operating weight	lbs	64	71
Shipping weight	lbs	75	84
Shipping size (l x w x h)	in	11 x 10.5 x 23	11 x 10.5 x 23
Max. head	ft	75	67
Max. discharge	gal/min	106	203
Max. pressure	psi	33	29.4
Solid size capacity	in	0.3	0.3
Motor type		Three phase / 60 Hz	Three phase / 60 Hz
Voltage	V	220, 440	220, 440
Current (full load/start @ 220)	A	6.1 / 42	9.3 / 73
Current (full load/start @ 440)	A	3.1 / 21	4.7 / 36
Speed	rpm	3400	3435
Power	hp	2	3
Cable length	ft	50	50
Cable size	awg	16	16

* High flow and high head conversion kits available for many models.

TECHNICAL DATA		PS3 3703*	PS3 5503
Discharge diameter	in	3	3
Length x width x height	in	11.1 x 10 x 24.5	12.1 x 10.2 x 25.7
Operating weight	lbs	121	146
Shipping weight	lbs	136	168
Shipping size (l x w x h)	in	13 x 13 x 27.8	14 x 13.8 x 28
Max. head	ft	102	125
Max. discharge	gal/min	219	260
Max. pressure	psi	44	54
Solid size capacity	in	0.3	0.3
Motor type		Three phase / 60 Hz	Three phase / 60 Hz
Voltage	V	220, 440	220, 440
Current (full load/start @ 220)	A	13.4 / 112	19.5 / 162
Current (full load/start @ 440)	A	6.8 / 56	9.8 / 81
Speed	rpm	3410	3430
Power	hp	5	7.5
Cable length	ft	50	50
Cable size	awg	14	12

* High flow and high head conversion kits available for many models.

Three-phase Submersible Pumps

No matter how large or small the job, these three-phase submersible pumps offer the versatility and durability contractors need to keep their job sites dry. Suitable for most three phase, 60 Hz voltages, these high performance pumps can efficiently move up to 428 gallons/ minute.

PS4 7503HH

PS4 11003HH

TECHNICAL DATA		PS4 5503	PS4 7503HH*
Discharge diameter	in	4	4
Length x width x height	in	12.1 x 10.2 x 25.7	13 x 12.4 x 27.1
Operating weight	lbs	146	205
Shipping weight	lbs	168	227
Shipping size (l x w x h)	in	14 x 13.8 x 28	13 x 12.5 x 31
Max. head	ft	79	137
Max. discharge	gal/min	428	349
Max. pressure	psi	34.6	60
Solid size capacity	in	0.3	0.3
Motor type		Three phase / 60 Hz	Three phase / 60 Hz
Voltage	V	220, 440	220, 440
Current (full load/start @ 220)	A	19.5 / 162	25.2 / 226
Current (full load/start @ 440)	A	9.8 / 81	12.8 / 113
Speed	rpm	3430	3440
Power	hp	7.5	10
Cable length	ft	50	50
Cable size	awg	12	10

* High flow and high head conversion kits available for many models.

TECHNICAL DATA		PS4 11003HH*
Discharge diameter	in	4
Length x width x height	in	14.7 x 13.8 x 31.3
Operating weight	lbs	287
Shipping weight	lbs	293
Shipping size (l x w x h)	in	14.8 x 14 x 32.5
Max. head	ft	167
Max. discharge	gal/min	377
Max. pressure	psi	72.7
Solid size capacity	in	0.3
Motor type		Three phase / 60 Hz
Voltage	V	220, 440
Current (full load/start @ 220)	A	38 / 297
Current (full load/start @ 440)	A	19 / 149
Speed	rpm	3480
Power	hp	15
Cable length	ft	50
Cable size	awg	8

* High flow and high head conversion kits available for many models.

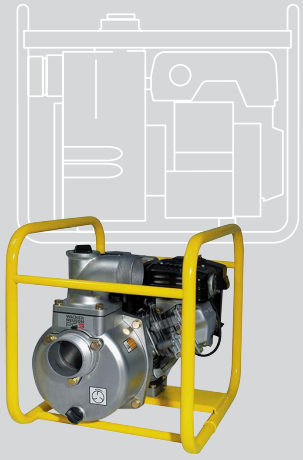
Diaphragm Pumps

Diaphragm trash pumps can move almost anything that flows. Built with high quality components, you will be assured of many years of top performance and durability. Designed to handle solids up to 1-5/8 inches, ideal for dewatering mud slurries and seepage areas.

PDI 3A

Dewatering Pumps

The dewatering pump series has been designed to handle the removal of relatively clean job site water. With its self-priming centrifugal pumping action and overall compact size, the pump is ideal for the contractor with the need for temporary water removal.



PG 3A

TECHNICAL DATA		PDT 2	PDT 2A	PDT 3	PDI/T 3A
Suction & discharge diameter	in	2	2	3	3
Length x width x height	in	39.2 x 22.2 x 23.2	39.2 x 22.2 x 23.2	42 x 26.5 x 23.2	42 x 18 x 23.2/ 42 x 26.5 x 23.2
Operating weight	lbs	131	131	140	140
Shipping weight	lbs	166	166	175	175
Shipping size (l x w x h)	in	33 x 32 x 32	33 x 32 x 32	33 x 32 x 32	33 x 32 x 32/ 33 x 32 x 32
Max. head	ft	25	25	25	25
Max. discharge	gpm	50	50	88	88
Max. suction lift	ft	25	25	25	25
Solid size capacity	in	1.5	1.5	1.625	1.625
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine			
		Wacker Neuson	Honda	Wacker Neuson	Honda
Displacement	in^3	7.7	7.2	7.7	7.2
Operating speed	rpm	2800	2800	2800	2800
Max. rated power at rated speed	hp @ rpm	4.3 @ 4000	3.5 @ 3600	4.3 @ 4000	3.5 @ 3600
Power rating specification		SAE J1349	SAE J1349	SAE J1349	SAE J1349
Fuel consumption	qt/hr	1.2	1.2	1.2	1.2
Fuel capacity	qt	2.9	2.6	2.9	2.6

TECHNICAL DATA		PG 2	PG 2A	PG 3	PG 3A
Suction & discharge diameter	in	2	2	3	3
Length x width x height	in	18.9x14.8x15.5	18.9x14.8x15.5	20.2x15.9x18.2	20.2x15.9x18.2
Operating weight	lbs	53	53	69	69
Shipping weight	lbs	57	57	75	75
Shipping size (l x w x h)	in	19.9x15.8x16.7	19.9x 15.8x16.7	21.2x16.9x19.4	21.2x16.9x19.4
Max. head	ft	98	98	98	98
Max. discharge	gpm	158	159	256	264
Max. suction lift	ft	26	25	26	25
Solid size capacity	in	0.25	0.25	0.25	0.25
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine			
		Wacker Neuson	Honda	Wacker Neuson	Honda
Displacement	in^3	7.7	7.2	10.3	9.9
Operating speed	rpm	3600	3600	3600	3600
Max. rated power at rated speed	hp @ rpm	4.3 @ 4000	3.5 @ 3600	5.7 @ 4000	4.8 @ 3600
Power rating specification		SAE J1349	SAE J1349	SAE J1349	SAE J1349
Fuel consumption	qt/h	1.4	1.4	1.9	1.9
Fuel tank capacity	qt	2.8	2.6	3.8	3.8

2-inch Trash Pumps

These centrifugal trash pumps have proven themselves on job sites around the world. Pumps feature hardened ductile iron impeller and volute with patented pump cover, volute and volute insert providing a rugged, easy to maintain pump that will stay on the job longer. Units can handle solids up to 1.0 inch.

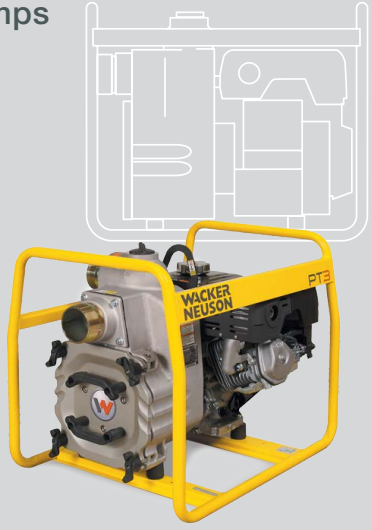
PT 2

TECHNICAL DATA		PT 2	PT 2A
Suction & discharge diameter	in	2	2
Length x width x height	in	21.7 x 18.3 x 19.6	21.7 x 18.3 x 19.6
Operating weight	lbs	96	96
Shipping weight	lbs	109	109
Shipping size (l x w x h)	in	22.3 x 18.9 x 21.2	22.3 x 18.9 x 21.2
Max. head	ft	106	106
Max. discharge*	gpm	172	172
Max. suction lift	ft	25	25
Solid size capacity	in	1	1
Engine type		air-cooled, 4-cycle,single cylinder Wacker Neuson gasoline	Honda gasoline
Displacement	in³	10.3	9.9
Operating speed	rpm	3500	3500
Max. rated power at rated speed	hp @ rpm	5.7 @ 4000	4.8 @ 3600
Power rating specification		SAE J1349	SAE J1349
Max. fuel consumption	qt/hr	1.6	1.8
Fuel capacity	qt	3.8	3.3

* at zero net head

3-inch Trash Pumps

Centrifugal pumps designed to keep your job site dry. With its radial flow design and built-in contractor friendly features, this line of trash pumps have redefined the quality and durability standards of self-priming centrifugal trash pumps. These 3-inch trash pumps can handle solids up to 1.5 inches.



PT 3

TECHNICAL DATA		PT 3	PT 3A
Suction & discharge diameter	in	3	3
Length x width x height	in	26 x 20 x 23	26 x 20 x 23
Operating weight	lbs	140	150
Shipping weight	lbs	157	167
Shipping size (l x w x h)	in	27 x 21 x 24	27 x 21 x 24
Max. head	ft	93	93
Max. discharge*	gpm	356	356
Max. suction lift	ft	25	25
Solid size capacity	in	1.5	1.5
Engine type		air-cooled, 4-cycle,single cylinder Wacker Neuson gasoline	Honda gasoline
Displacement	in³	16.2	16.5
Operating speed	rpm	3500	3500
Max. rated power at rated speed	hp @ rpm	9.0 @ 4000	7.9 @ 3600
Power rating specification		SAE J1349	SAE J1349
Max. fuel consumption	qt/hr	2.6	1.6
Fuel capacity	qt	6.4	5.6

* at zero net head

4-inch Trash Pump

Self-priming, high performance pump capable of handling solids up to 2 inches, ideal for job sites requiring fast dependable dewatering on command. Featuring electric start and a thread-on mixed flow impeller design.

PTS 4V

6-inch Trash Pumps

The PT 6 offers a mixed flow impeller design producing higher volume and head for increased pump capacity. Oil-lubricated silicone carbide seal reduces maintenance and provides seal protection in dry-run conditions. Featuring cast ductile iron pump housing, impeller, wear plate and volute, this trash pump has redefined the quality and durability standards of self-priming centrifugal trash pumps. Liquid cooled T4 diesel engine enhances reliability and provides cleaner emmisions.

PT 6LT

TECHNICAL DATA		PTS 4V
Suction & discharge diameter	in	4
Length x width x height	in	36 x 35 x 35
Operating weight	lbs	360
Shipping weight	lbs	330
Shipping size (l x w x h)	in	37 x 25 x 34
Max. head	ft	105
Max.discharge*	gpm	689
Max. suction lift	ft	25
Solid size capacity	in	2
Engine type		air-cooled, 4-cycle, twin cylinder, gasoline engine Briggs & Stratton Vanguard with electric start
Displacement	in^3	29.3
Operating speed	rpm	3600
Max. rated power at rated speed	hp @ rpm	16 @ 3600
Power rating specification		SAE J1995
Fuel consumption	gal/h	1.3
Fuel tank capacity	gal	4.6

* at zero net head

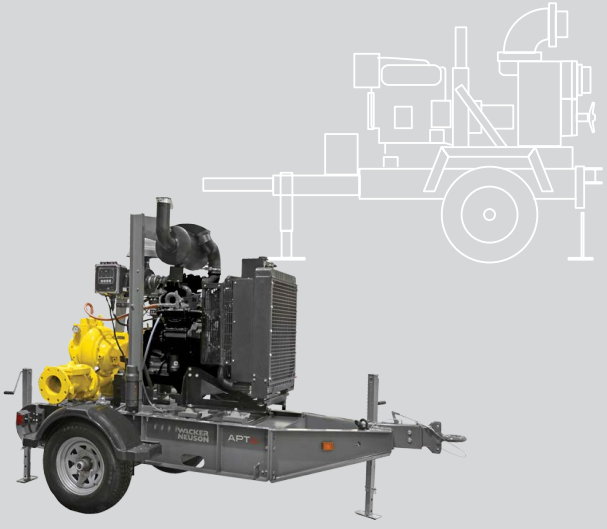
TECHNICAL DATA		PT 6LT	PT 6LS*
Suction & discharge diameter	in	6	6
Length x width x height	in	107 x 63 x 65	79 x 35 x 48
Operating weight	lbs	2267	1587
Shipping weight	lbs	2285	1605
Shipping size (l x w x h)	in	103 x 70 x 71	79 x 35 x 52
Max. head	ft	100	100
Max. discharge	gpm	1300	1300
Max. suction lift	ft	25	25
Solid size capacity	in	2	2
Engine type		liquid-cooled, 4-cycle, 4 cylinder, Kohler diesel engine	
Displacement	in^3	83.7	83.7
Max power @ 2700 rpm	hp	24	24
Operating speed	rpm	2700 / 900	2700 / 900
Max. operating power at operating speed	hp @ rpm	24 @ 2700	24 @ 2700
Power rating specification		ISO 3046 IFN	ISO 3046 IFN
Fuel consumption	gal/h	1.5 @ 2700 rpm 0.19 @ 900 rpm	1.5 @ 2700 rpm 0.19 @ 900 rpm
Fuel tank capacity	gal	28.5	28.5

* PT 6LS skid mounted - special order

4, 6, and 8-inch
Automatic Self-Priming Trash Pumps

The Wacker Neuson automatic self-priming centrifugal trash pump is the perfect pump for contractors, pump rental companies, mining operators, general industrial and municipal use. High-grade cast ductile iron pump housing, wear plate, and impeller construction makes this unit jobsite tough.

APT 4 S



APT 6 T

TECHNICAL DATA		APT 4 T	APT 4 S	APT 6 T
Suction & discharge diameter	in	4	4	6
Length x width x height	in	133 x 64 x 80	93 x 40 x 64	133 x 64 x 94
Operating weight	lb	3267	2762	3997
Shipping weight	lb	2917	2411	3647
Shipping size (l x w x h)	in	133 x 64 x 80	93 x 40 x 64	133 x 64 x 94
Max. discharge head	ft	150	150	150
Max. discharge	gpm	1300	1300	2100
Max. suction lift	ft	25	25	25
Solid size capacity	in	2	2	3
Engine type		water-cooled, 4-cycle, 4-cylinder, diesel engine Yanmar	Yanmar	John Deere
Displacement	in³	133.6	133.6	276
Operating speed (max. / min.)	rpm	2200 / 1200	2200 / 1200	2400 / 1400
Max. rated power at rated speed	hp rpm	40 2200	40 2200	74 2400
Power rating specification		J 1995 / ISO 3046	J 1995 / ISO 3046	J 1995 / ISO 3046
Maximum fuel consumption	gal/hr	2.19 @ 2200 rpm 1.28 @ 1200 rpm	2.19 @ 2400 rpm 1.28 @ 1400 rpm	4.42 @ 2400 rpm 2.83 @ 1400 rpm
Fuel capacity	gal	74	74	74

TECHNICAL DATA		APT 6 S	APT 8 T	APT 8 S
Suction & discharge diameter	in	6	8	8
Length x width x height	in	93 x 44 x 78	148 x 64 x 97	109 x 51 x 81
Operating weight	lb	3491	4623	4117
Shipping weight	lb	3141	4158	3652
Shipping size (l x w x h)	in	93 x 44 x 78	148 x 64 x 97	109 x 51 x 81
Max. discharge head	ft	150	150	150
Max. discharge	gpm	2100	3500	3500
Max. suction lift	ft	25	25	25
Solid size capacity	in	3	3.125	3.125
Engine type		liquid-cooled, 4-cycle, 4-cylinder, John Deere diesel engine		
Displacement	in³	276	276	276
Operating speed (max. / min.)	rpm	2400 / 1400	2200 / 1200	2200 / 1200
Max. rated power at rated speed	hp rpm	74 2400	99 2200	99 2200
Power rating specification		J 1995 / ISO 3046	J 1995 / ISO 3046	J 1995 / ISO 3046
Maximum fuel consumption	gal/hr	4.42 @ 2400 rpm 2.83 @ 1400 rpm	5.23 @ 2200 rpm 2.77 @ 1200 rpm	5.23 @ 2400 rpm 2.77 @ 1400 rpm
Fuel capacity	gal	74	89	89

Premium Portable Generators

Designed for construction rental and other demanding applications, these high performance, portable generators deliver unmatched tool starting and voltage regulation in a rugged, compact package. Built with heavy-duty frames and premium components to provide long, trouble-free operation.

GP 5600A

GP 6600A

Wheel kits available

TECHNICAL DATA		GP 2500A	GP 3800A
Length x width x height	in	22.2 x 17.1 x 17.5	27 x 21 x 21.2
Dry weight	lbs	100	168
Shipping size (l x w x h)	in	23.2 x 17.6 x 19.5	28 x 21.5 x 23.2
Shipping weight	lbs	103	173
Maximum output	W	2500	3800
Continuous output	W	2250	3400
Continuous AC amps	A	18.8	28.3/14.2
AC voltage	V	120	120/240
AC circuit breaker amps	A	20	16, 2 pole
Frequency	Hz	60	60
Phase	Ø	1	1
Power factor	Pf	1	1
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine	
		Honda	Honda
Starting system		recoil	recoil
Displacement	in^3	10	16.5
Operating speed	rpm	3600	3600
Max. rated power at rated speed	hp @ rpm	4.8 @ 3600	7.9 @ 3600
Power rating specification		SAE J1349	SAE J1349
Fuel tank capacity	gal	3	4.94
Running time/full load	hrs	6.6	7.8
AC outlet receptacles*		2-125V, 20A Duplex GFCI	2-125V, 20A, Duplex 1-125V, 30A, Twist-Lock 1-125/250V, 20A, Twist-Lock

** On models GP 3800 - GP 6000 all outlets are central GFCI protected

TECHNICAL DATA		GP 5600A/ GP 5600A w/wheel kit/ GPS 5600A	GP 6600A/ GP 6600A w/wheel kit/ GPS 6600A
Length x width x height	in	27 x 21 x 21.2 39.5 x 27 x 26.7 34.3 x 21 x 21.2	27 x 21 x 21.2 39.5 x 27 x 26.7 34.3 x 21 x 21.2
Dry weight	lbs	194 216 201	198 220 206.5
Shipping size (l x w x h)	in	28 x 21.5 x 23.2 28 x 27 x 23.2 28 x 27 x 23.2	28 x 21.5 x 23.2 28 x 27 x 23.2 28 x 27 x 23.2
Shipping weight	lbs	199 221 206	203 225 212
Maximum output	W	5600	6600
Continuous output	W	5000	6000
Continuous AC amps	A	41.7/20.8	50/25
AC voltage	V	120/240	120/240
AC circuit breaker amps	A	23, 2 pole	27, 2 pole
Frequency	Hz	60	60
Phase	Ø	1	1
Power factor	Pf	1	1
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine	
		Honda	Honda
Starting system		recoil recoil 12V electric	recoil recoil 12V electric
Displacement	in^3	23.7	23.7
Operating speed	rpm	3600	3600
Max. rated power at rated speed	hp @ rpm	10.7 @ 3600	11.7 @ 3600
Power rating specification		SAE J1349	SAE J1349
Fuel tank capacity	gal	4.94	4.94
Running time/full load	hrs	5.8	4.8
AC outlet receptacles*		2-125V,20A Duplex, 1-125V, 30A Twist-Lock 1-125/250V, 30A Twist-Lock	2-125V,20A Duplex, 1-125V, 30A Twist-Lock 1-125/250V, 30A Twist-Lock

* On models GP 3800 - GP 6000 all outlets are central GFCI protected

Premium Portable Generator

High performance portable generators to fit your job and your budget. They feature a heavy-duty, lightweight compact frame that provides job site protection while reducing storage space requirements. An integral lifting eye to accommodate a 3-inch hook makes for easy transport.

GPS 9700

Premium Inverter Generators

Easy to operate, portable inverter generators offer clean 120V AC power ideal for powering small tools and sensitive electronics. Units are compact, lightweight and quiet enough for almost any application, yet built rugged enough for use on the toughest job site.

GPSi 4300

GPi 3200

Wheel kits available

TECHNICAL DATA		GPS 9700
Length x width x height	in	32 x 25 x 24
Dry weight	lbs	221
Shipping size (l x w x h)	in	32 x 26 x 26
Maximum output	W	9700
Continuous output	W	9300
Continuous AC amps	A	78/39
AC voltage	V	120/240
AC circuit breaker amps	A	39, 2 pole
Frequency	Hz	60
Phase	Ø	1
Power factor	Pf	1.0
Engine type		air-cooled, 4-cycle, 2 cylinder, gasoline engine Vanguard Storm
Starting system		electric start
Displacement	in³	34.8
Operating speed	rpm	3600
Max. rated power at rated speed	hp @ rpm	18 @ 3600
Power rating specification		SAE J1940
Fuel tank capacity	gal	6.1
Running time / full load	hrs	3.7
AC outlet receptacles*		2-120V, 20A Duplex 1-120V, 30A Twist Lock 1-240V, 20A Twist Lock 1-120/240V, 30A Twist Lock

* All outlets are central GFCI protected

TECHNICAL DATA		GPi 3200 / GPSi 3200	GPi 4300 / GPSi 4300
Length x width x height	in	19.2 x 17 x 18.7 / 21.1 x 19 x 23	20.6 x 18.8 x 19.9 / 22.8 x 20.8 x 24.3
Dry weight	lb	83.8 / 130	99.2 / 163
Shipping size (l x w x h)	in	22.4 x 21.7 x 24.8	24 x 23.6 x 26.4
Shipping weight	lb	90.4 / 143.3	108 / 176
Maximum output	W	3200	4300
Continuous output	W	2800	3800
Continuous AC amps	A	23	31.7
AC voltage	V	120	120
Voltage Regulation (No load to full load)		less than 3%	less than 3%
Total Harmonic Distortion		less than 2.5%	less than 2.5%
Generator Speed	rpm	2800 - 3600	2800 - 3700
Frequency	Hz	60	60
Phase	Ø	1	1
Power factor	Pf	1.0	1.0
DC Voltage / Amperage	V/A	12V/8A	12V/8A
Engine type		air-cooled, 4-cycle, single cylinder, gasoline engine Subaru	Subaru
Sound Level @ Max load	dB(A)	67/58 @ 23 ft	70/62 @ 23 ft
Starting system		Recoil/Electric (plus recoil)	Recoil/Electric (plus recoil)
Displacement	in³	12.87	16.17
Maximum rated power at rated speed	hp @ rpm	6.4 @ 3600	8.2 @3600
Power rating specification		SAE J1349	SAE J1349
Fuel tank capacity	gal	3.4 / 3.7	3.7 / 4.2
Runtime (cont. load)	h	7.6 / 8.2	5.8 / 6.7
AC outlet receptacles		1-duplex GFCI 5-20R 1-125V, 30A twist lock L5-30DC outlet	
DC receptacles		+/- Terminals	+/- Terminals

Mobile Generators (Tier 3)

The perfect range of machines to meet market and job site needs. These compact, sound attenuated generators provide single and three phase power for construction, commercial, industrial and special event applications where quiet, reliable power is needed. A solid state digital information controller monitors generator output and engine functions plus provides protection against engine and generator faults as well as standard automatic remote starting for standby applications. Skid-mounted units feature a fully integrated, large capacity fuel tank for long run times, even without a trailer. Extensive factory installed options available.

TECHNICAL DATA		G 70 T3	G 100 T3	G 120 T3
SKID MOUNTED				
Length x width x height	in	96.25x38x53	110 x 45 x 65	110 x 45 x 65
Operating weight	lbs	4069	6137	6163
Dry/Shipping weight	lbs	3464	4699	4725
GENERATOR WITH TRAILER				
Length x width x height	in	160x67.5x80	176 x 80 x 90	176 x 80 x 90
Operating weight	lbs	4949	7507	7533
Prime output	kW/kVA	58/72	80/100	96/120
Standby output	kW/kVA	63/79	88/110	106/132
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable		
Frequency	Hz	60	60	60
Power factor	1~ / 3~	1.0/0.8	1.0/0.8	1.0/0.8
Voltage regulation no load to full load steady state	%	 ±1 ±0.2	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H	H
Sound level at max. load	dB(A)	68 at 23 ft	69.4 @ 23 ft	70.6 @ 23 ft
Engine type		John Deere	John Deere	John Deere
Displacement	in^3	275	275	275
Operating speed	rpm	1800	1800	1800
Rated standby power at rated speed	hp @ rpm	99 @ 1800	133 @ 1800	158 @ 1800
Fuel tank capacity*	gal	84	200	200
Fuel consumption (at continuous load)	gal/h	4.9	6.2	7.4
Battery		12V/750 CCA	12V/1000CCA	12V/1000CCA
Trailer hitch type		3-inch Pintle	3-inch Pintle	3-inch Pintle
AC receptacles 1~ 120V - 20 amp GFI duplex 1~ 120/240V - 50 amp twist lock		 2 3	 2 3	 2 3

*ERT options available on certain models

TECHNICAL DATA		G 150 T3	G 180 T3	G 240 T3
SKID MOUNTED				
Length x width x height	in	132 x 52 x 68	132 x 52 x 68	132 x 52 x 72
Operating weight	lbs	8302	8313	9434
Dry weight	lbs	6202	6213	6714
GENERATOR WITH TRAILER				
Length x width x height	in	199x84.5x99	199x84.5x99	199 x 84.5 x 102
Operating weight	lbs	9782	9793	10,914
Prime output	kW/kVA	121/151	143/179	191/238
Standby output	kW/kVA	133/166	157/197	210/262
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable		
Frequency	Hz	60	60	60
Power factor	1~ / 3~	1.0/0.8	1.0/0.8	1.0/0.8
Voltage regulation no load to full load steady state	%	 ±1 ±0.2	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H	H
Sound level at max. load	dB(A)	67.5 @ 23 ft	69.9 @ 23 ft	71.8 @ 23 ft
Engine type		John Deere	John Deere	John Deere
Displacement	in^3	415	415	415
Operating speed	rpm	1800	1800	1800
Rated standby power at rated speed	hp @ rpm	197 @ 1800	237 @ 1800	315 @ 1800
Fuel tank capacity	gal	292	292	378
Fuel consumption (at continuous load)	gal/h	8.85	10.8	13.5
Battery		12V/1000 CCA	12 V/1000 CCA	12V/1000 CCA
Trailer hitch type		3-inch pintle	3-inch pintle	3-inch pintle
AC receptacles 1~ 120V - 20 amp GFI duplex 1~ 120/240V - 50 amp twist lock		 2 3	 2 3	 2 3

Mobile Generators (Tier 4i)

The perfect range of machines to meet market and job site needs with Tier 4i latest diesel engine emission technology.

G 14

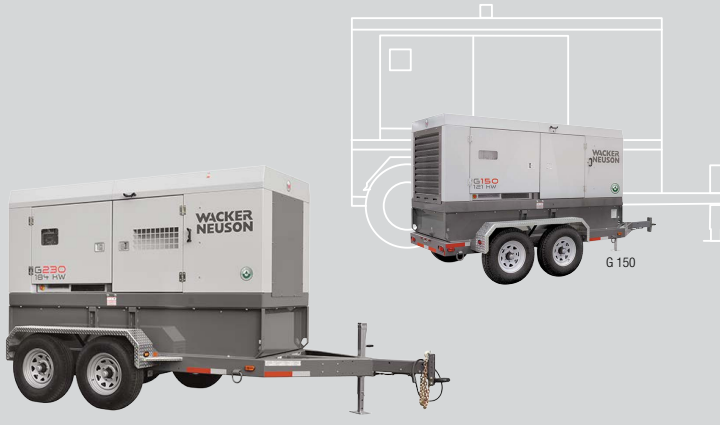
G 50

TECHNICAL DATA		G 14 T4i	G 25 T4i	G 50 T4i
SKID MOUNTED				
Length x width x height	in	69 x 36 x 41	76.6 x 35 x 44.5	96.25 x 38 x 53
Operating weight	lbs	1603	2332	3783
Dry/Shipping weight	lbs	1435/1451	1911	3178
GENERATOR WITH TRAILER				
Length x width x height	in	116 x 61 x 67	133 x 60 x 69	160 x 67.5 x 80
Operating weight	lbs	1951	2802	4663
Prime output	kW/kVA	13.5/13.5	19.5/24.4	38/48
Standby output	kW/kVA	14.2/14.2	20.4/25.5	42/53
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable		
Frequency	Hz	60	60	60
Power factor	1~ / 3~	1.0	1.0/0.8	1.0/0.8
Voltage regulation no load to full load steady state	%	 ±1.5 –	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H	H
Sound level at max. load	dB(A)	63 at 23 ft	63 at 23 ft	66.3 at 23 ft
Engine type		Kubota	Isuzu	John Deere
Displacement	in^3	100.5	133	275
Operating speed	rpm	1800	1800	1800
Rated standby power at rated speed	hp @ rpm	24.3 @ 1800	35.4 @ 1800	74 @ 1800
Fuel tank capacity	gal	21.4	58.4	84
Fuel consumption (at continuous load)	gal/h	1.34	1.8	3.4
Battery		12V/650CCA	12 V/750 CCA	12V/750 CCA
Trailer hitch type		2-inch Ball	2-inch Ball	3-inch Pintle
AC receptacles				
120V - 20 amp GFI duplex		3	2	2
120/240V - 50 amp twist lock		1	2	3
120/240V - 30 amp twist lock		1	-	-

TECHNICAL DATA		G 70 T4i	G 100 T4i	G 120 T4i
SKID MOUNTED				
Length x width x height	in	96 x 38 x 53	110 x 45 x 65	110 x 45 x 66
Operating weight	lbs	4115	6242	6268
Dry weight	lbs	3510	4804	4830
GENERATOR WITH TRAILER				
Length x width x height	in	160 x 68 x 80	176 x 80 x 90	176 x 80 x 90
Operating weight	lbs	4995	7612	7638
Prime output	kW/kVA	58/72	80/100	96/120
Standby output	kW/kVA	63/79	88/110	106/132
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable		
Frequency	Hz	60	60	60
Power factor	1~ / 3~	1.0/0.8	1.0/0.8	1.0/0.8
Voltage regulation no load to full load steady state	%	 ±1 ±0.2	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H	H
Sound level at max. load	dB(A)	68 @ 23 ft	69.7 @ 23 ft	69.8 @ 23 ft
Engine type		Cummins	Cummins	Cummins
Displacement	in^3	272	272	272
Operating speed	rpm	1800	1800	1800
Rated standby power at rated speed	hp @ rpm	115 @ 1800	147 @ 1800	173 @ 1800
Fuel tank capacity	gal	84	200	200
Fuel consumption (at continuous load)	gal/h	4.6	6.0	7.0
Battery			2 x 12V/950CCA	
Trailer hitch type		3-inch pintle	3-inch pintle	3-inch pintle
AC receptacles				
1~ 120V - 20 amp GFI duplex		2	2	2
1~ 120/240V - 50 amp twist lock		3	3	3

Mobile Generators (Tier 4i)

Utilizing the latest Cummins diesel emission technology engines, these durable, sound attenuated generators provide mobile, prime power for larger applications requiring quiet, reliable power; especially suited for areas requiring BAT (Best Available Technlogy) to meet the most stringent EPA, CARB air standards. A digital controller monitors and protects the generator and engine while providing continous operating data on an easy to read LCD display.



G 150

G 230 T4i

TECHNICAL DATA		G 150 T4i	G 180 T4i
SKID MOUNTED			
Length x width x height	in	132 x 52 x 70.5	132 x 52 x 70.5
Operating weight	lbs	8243	8254
Dry weight	lbs	6143	6154
GENERATOR WITH TRAILER			
Length x width x height	in	199 x 85 x 102	199 x 85 x 102
Operating weight	lbs	9723	9734
Prime output	kW/kVA	121/151	143/179
Standby output	kW/kVA	133/166	157/197
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable	
Frequency	Hz	60	60
Power factor	1~ / 3~	1.0/0.8	1.0/0.8
Voltage regulation no load to full load steady state	%	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H
Sound level at max. load	dB(A)	70 @ 23 ft	70 @ 23 ft
Engine type		Cummins	Cummins
Displacement	in^3	409	409
Operating speed	rpm	1800	1800
Rated standby power at rated speed	hp @ rpm	256 @ 1800	256 @ 1800
Fuel tank capacity	gal	292	292
Fuel consumption (at continuous load)	gal/h	9.0	10.6
Battery		2 x 12V / 1000CCA	2 x 12V / 1000 CCA
Trailer hitch type		3-inch pintle	3-inch pintle
AC receptacles 1~ 120V - 20 amp GFI duplex 1~ 120/240V - 50 amp twist lock		 2 3	 2 3

TECHNICAL DATA		G 230 T4i	G 320 T4i
SKID MOUNTED			
Length x width x height	in	132 x 52 x 74.5	154 x 60 x 80
Operating weight	lbs	9220	11,470
Dry weight	lbs	6500	8750
GENERATOR WITH TRAILER			
Length x width x height	in	199 x 85 x 105	224 x 95 x 109
Operating weight	lbs	10,600	13,023
Prime output	kW/kVA	184/230	256/320
Standby output	kW/kVA	202/253	269/336
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable	
Frequency	Hz	60	60
Power factor	1~ / 3~	1.0/0.8	1.0/0.8
Voltage regulation no load to full load steady state	%	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H
Sound level at max. load	dB(A)	73 @ 23 ft	N/A
Engine type		Cummins	Cummins
Displacement	in^3	409	543
Operating speed	rpm	1800	1800
Rated standby power at rated speed	hp @ rpm	314 @ 1800	433 @ 1800
Fuel tank capacity	gal	378	378
Fuel consumption (at continuous load)	gal/h	13.6	15.9
Battery		2 x 12V / 1000 CCA	4x 12V / 1000 CCA
Trailer hitch type		3-inch pintle	3-inch pintle
AC receptacles 1~ 120V - 20 amp GFI duplex 1~ 120/240V - 50 amp twist lock		 2 3	 2 3

Mobile Generators (Tier 4 Final)

Additional models tilizing the latest diesel emission technology engines.

G 25

G 320

TECHNICAL DATA		G 25 T4	G 50 T4	G 150 T4
SKID MOUNTED				
Length x width x height	in	76.6 x 35 x 44.5	96.25 x 38 x 53	132 x 52 x 72.5
Operating weight	lbs	2373	3388	9223
Dry weight	lbs	2072	2939	6743
GENERATOR WITH TRAILER				
Length x width x height	in	133 x 60 x 69	160 x 67.5 x 80	199 x 84.5 x 102.5
Operating weight on trailer	lbs	2843	4268	10,703
Prime output	kW / kVA	19.5/24.4	38 / 48	121 / 151
Standby output	kW / kVA	21.4/26.8	42 / 53	133 / 166
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable		
Frequency	Hz	60	60	60
Power factor	1~ / 3~	1.0/.8	1.0/.8	1.0/.8
Voltage Regulation No Load to Full Load Steady State	% 	 ±1 ±0.2	 ±1 ±0.2	 ±1 ±0.2
Insulation	class	H	H	H
Sound level at max. load	dB(A)	65	68	70.2
Engine type		2.2 L	2.2 L	Diesel
Engine type		Isuzu	Isuzu	Cummins
Displacement	in³	133	133	409
Operating speed	rpm	1800	1800	1800
Rated standby power	hp @ rpm	40 @ 1800	66 @ 1800	241 @ 1800
Fuel tank capacity	gal	58.4	84.0	304.4
Fuel consumption @ prime	gal/h	1.8	3.0	9.0
Battery		–	–	2 x12v / 1000 cca
Trailer hitch type		2" Ball	3" Pintle	3" Pintle
AC Receptacles 20 Amp GFI Duplex 50 Amp Twist Lock		 2 2	 2 3	 2 3

TECHNICAL DATA		G 180 T4	G 230 T4	G 320 T4
SKID MOUNTED				
Length x width x height	in	32.0 x 52.0 x 72.5	132 x 52 x 76.5	154 x 60 x 85
Operating weight	lbs	9234	10,200	TBD
Dry weight	lbs	6754	7100	TBD
GENERATOR WITH TRAILER				
Length x width x height	in	199 x 84.5 x 102.5	199 x 84.5 x 106.5	228 x 96 x 105
Operating weight on trailer	lbs	10,714	11,680	TBD
Prime output	kW / kVA	143 / 179	184 / 230	256 / 320
Standby output	kW / kVA	157 / 197	202 / 253	269 / 336
AC voltage	single phase three phase	120, 127, 139, 240, 254, 277V adjustable 208, 220, 240, 416, 440, 480V reconnectable		
Frequency	Hz	60	60	60
Power factor	1~ / 3~	1.0/0.8	1.0/0.8	1.0/0.8
Voltage Regulation No Load to Full Load Steady State	% 	 ±1 ±0.2	 ±1 ±0.2	 TBD TBD
Insulation	class	H	H	H
Sound level at max. load	dB(A)	70.5	73.5	TBD
Engine type		Cummins	Cummins	Cummins
Displacement	in³	409	409	543.1
Operating speed	rpm	1800	1800	1800
Rated standby power	hp @ rpm	241 @ 1800	314 @ 1800	433 @ 1800
Fuel tank capacity	gal	304	381	404
Fuel consumption @ prime	gal/h	10.4	13.6	15.9
Battery		2 x12v / 1000 cca	2 x12v / 1000 cca	4 x12v / 2000 cca
Trailer hitch type		Pintle	Pintle	Pintle
AC Receptacles 20 Amp GFI Duplex 50 Amp Twist Lock		 2 3	 2 3	 2 3

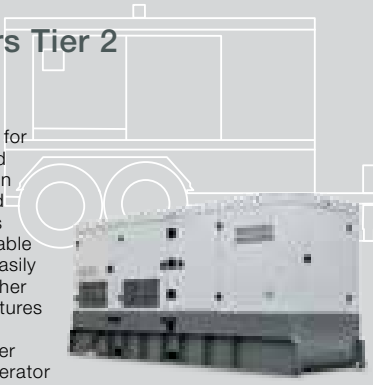
Natural Gas Mobile Generators

The GN 165 mobile generator is a prime power workhorse for all your natural gas fueled applications. Natural gas provides a lower emissions footprint and lower fuel cost when compared to diesel. The lower operating cost is especially true when locally produced gas is available, for example, directly from the wellhead. Powered by a spark ignited heavy duty engine from PSI, the GN 165 is EPA certified for mobile off-road applications.

GN 165

Mobile Generators Tier 2

The G 625 mobile generator provides all the power needed for larger applications. The rugged Volvo Tier 2 engine is housed in a heavy duty sound attenuated enclosure, perfect applications requiring quiet operation. Capable of paralleling, the G 625 can easily be scaled up to meet even higher power demands. Standard features provide ease of operation and maintenance. A digital controller monitors and protects the generator and engine with continuous operating data on an LCD display.



G 625

TECHNICAL DATA		GN 165
Length x width x height		
skid mounted	in	132 x 52 x 66
skid mounted shipping size		135.5 x 54.5 x 79.5
trailer mounted shipping size		199 x 84.5 x 97
Operating weight		
skid mounted	lb	6300
trailer mounted		7780
Dry/shipping weight (skid mounted)	lb	6667
Prime output (natural gas)	kW/kVA	132 / 165
Standby output (natural gas)	kW/kVA	145 / 181
AC voltage		switchable
	V at 1Ø	120,127,139,240,254,277
	V at 3Ø	208,220,240,416,440,480
Frequency (regulation)	Hz	60
Power factor	3Ø	0.8
Voltage regulation, no load to full load	%	1
Voltage regulation, steady state	%	0.5
Generator insulation	class	H
Sound level at maximum load	dB(A) at 23 ft	TBD
Engine type		liquid-cooled, 6-cylinder natural gas/LP gas engine PSI
Operating speed	rpm	1800
Rated standby power	hp	239
at rated speed	rpm	1800
Displacement	in³	492
Fuel consumption (at cont. prime load)	ft³/h	1539
Operating voltage	V	24
Battery		2 x 12V (series)
Trailer hitch type		3-inch Pintle
AC receptacles		
1~ 120V - 20 amp GFI duplex		2
1~ 120/240V - 50 amp twist lock		3

TECHNICAL DATA		G 625
Length x width x height	in	190 x 61 x 92
shipping size on trailer	in	263 x 93 x 114
Operating weight (skid mounted)	lb	14,833
Dry/shipping weight (skid mounted)	lb	13,206
Operating weight (with trailer)	lb	16,618
Prime output	kW/kVA	500 / 625
Standby output	kW/kVA	550 / 688
AC voltage		Reconnectable
	V at 1Ø	120, 208
	V at 3Ø	277, 480
Frequency (regulation)	Hz	60
Power factor	3Ø	0.8
Generator insulation	class	H
Sound level at 75% load	dB(A) at 23 ft	100
Engine type		liquid-cooled, T2, 6-cylinder diesel engine Volvo TAD1642GE
Operating speed	rpm	1800
Rated standby power	hp	810
at rated speed	rpm	1800
Power rating specification		ISO 3046
Displacement	in³	984
Fuel tank capacity	gal	238
Fuel consumption (at cont. prime load)	gal/h	35.6
Battery		2 x 12V (24V series connected)

Mobile Generators Tier 2

The G 1100 mobile generator provides all the power needed for larger applications. The rugged Cummins Tier 2 engine is housed in a heavy duty sound attenuated enclosure, perfect for all larger applications requiring quiet operation. Capable of paralleling, the G 1100 can easily be scaled up to meet even higher power demands. A digital controller monitors and protects the generator and engine while providing continuous operating data on an easy to read LCD display.

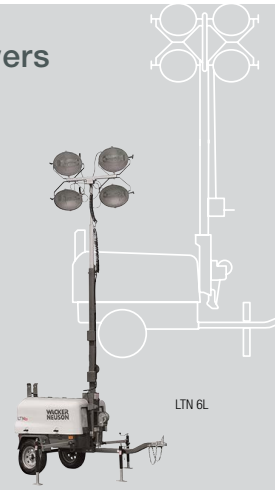
G 1100

TECHNICAL DATA		G 1100
Length x width x height shipping size on trailer	in	239 x 97 x 114 239 x 97 x 114
Operating weight (skid mounted)	lb	38,500
Dry/shipping weight (skid mounted)	lb	35,200
Operating weight (trailer mounted)	lb	N/A
Prime output	kW/kVA	920 / 1150
Standby output	kW/kVA	1012 / 1265
AC voltage	V at 3Ø	480
Frequency (regulation)	Hz	60
Power factor	3Ø	0.8
Generator insulation	class	H
Sound level at 75% load	dB(A) at 23 ft	75
Engine type		liquid-cooled, T2, 12-cylinder diesel engine Cummins QST30-G5
Operating speed	rpm	1800
Rated standby power at rated speed	hp rpm	1490 1800
Power rating specification		ISO 3046
Displacement	in³	1861
Fuel tank capacity	gal	278
Fuel consumption (at cont. prime load)	gal/h	73
Battery		–

Narrow Body Light Towers

Lay-down mast version

Trailer-mounted light towers feature a compact, narrow body design for cost-effective transport and storage. A 30-foot adjustable tower rotates 360-degrees for optimum lighting flexibility. Efficient LED lamps available.



LTN 6L

TECHNICAL DATA		LTN 6L	LTN 6C	LTN 6K	LTN 8K
Length x width x height	in	180.4 x 59.3 x 73.2			
Operating weight	lb	1693	1753	1772	1820
Shipping size (l x w x h)	in	144.8 x 91.9 x 47			
Shipping weight	lb	1642	1683	1721	1769
Maximum tower height	ft	30	30	30	30
Sound level at 23 feet	dB(A)	67	68	68	70
Output	kW	6	6	6	8
AC Voltage	V	120/240	120/240	120/240	120/240
Frequency	Hz	60	60	60	60
Power factor	pf	1	1	1	1
Voltage regulation	%	±6	±6	±6	±6
Lamp type - Metal Halide		4x1000W	4x1000W	4x1000W	4x1000W
Coverage @ 5 ft candles (54 lux)	ft²	12,960	12,960	12,960	12,960
Generator insulation	class	H	H	H	H
Speed	rpm	1800	1800	1800	1800
Generator	type	Brushless	Brushless	Brushless	Brushless
Engine type		3 cylinder, liquid-cooled diesel engine			
		Kohler	Caterpillar	Kubota	Kubota
Max. rated power at rated speed	hp rpm	13.4 1800	15.3 1800	13.1 1800	15.4 1800
Power rating specification		ISO 3046 IFN	ISO 3046 IFN	ISO 3046 IFN	ISO 3046 IFN
Displacement	in³	62.7	67	61.1	68.5
Fuel tank capacity	gal	32.5	32.5	32.5	32.5
Fuel consumption	gal/h	0.45	0.44	0.42	0.41
Run time (4 lights)	hours	67	68	71	72
AC outlet receptacles 120V - 20A Duplex GFCI 120V/240V - 30A Twist Lock		 1 0	 1 0	 1 1	 2 1

Power winch available.

Narrow Body Light Towers

Standard vertical mast version

The new 5-section vertical mast light tower is hydraulically actuated, decreasing the time needed to set up on jobsites. The uni-body, stamped, 10 gauge steel skid tub and lockable impact resistant, full-length doors provide a robust light tower that will withstand any of your job site applications. The compact narrow body design allows for more cost effective transport and storage.

LTN 6K-VS

Wide Body Light Towers

Lay-down mast version

Wide-body, trailer-mounted light towers combine superior job site lighting with various power options. A 30-foot adjustable tower rotates 360-degrees for optimum lighting flexibility.

LTW 20Z1

TECHNICAL DATA		LTN 6L-VS	LTN 6K-VS	LTN 8K-VS
Length x width x height (in transport mode)	in	125 x 48 x 98	125 x 48 x 98	125 x 48 x 98
Operating weight	lb	1895	1935	1985
Shipping weight (dry)	lb	1673	1713	1763
Maximum tower height	ft	25	25	25
Sound level	dB(A) at 23 ft	67	68	70
Output	kW	6	6	8
Frequency	Hz	60	60	60
AC Voltage	V	120**	120/240	120/240
Power factor	pf	1	1	1
Voltage regulation no load to full load	%	± 6 10	± 6 10	± 6 10
Lamp type - Metal Halide	W	4 x 1000	4 x 1000	4 x 1000
Coverage @ 5 ft candles (54 lux)	ft²	12,960	12,960	12,960
Generator insulation	class	H	H	H
Speed	rpm	1800	1800	1800
Generator	type	Brushless	Brushless	Brushless
Engine type		3 cylinder, liquid-cooled diesel engine Kohler/Lombardini	Kubota	Kubota
Maximum rated power at rated speed	hp rpm	13.4 1800	13.1 1800	15.4 1800
Power rating specification		ISO 3046 IFN	ISO 3046 IFN	ISO 3046 IFN
Displacement	in³	62.7	61.1	68.5
Fuel tank capacity	gal	32.5	32.5	32.5
Fuel consumption (4 lights)	gal/h	0.45	0.42	0.41
Run time (4 lights)	hours	67	71	72
AC outlet receptacles				
120V - 20A Duplex GFCI		1	1	2
120/240V - 30A Twist Lock		0	1	1

**Also available in 120/240V version

TECHNICAL DATA		LTW 6K	LTW 8K	LTW 20Z1	LTW 20Z3
Length x width x height (in transport mode)	in	177 x 75.5 x 74.5			
Operating weight	lb	2724	2764	3290	3290
Shipping size (l x w x h)	in	177 x 75.5 x 74.5			
Shipping weight (dry)	lb	2314	2354	2880	2880
Maximum tower height	ft	30	30	30	30
Sound level at 23 feet	dB(A)	64	67	69	71.2
Output	kW	6	8	20	20
Frequency	Hz	60	60	60	60
Power factor	pf	1	1	1	1/0.8
Voltage regulation no load to full load	%	± 6 10	± 6 10	± 1.0 0.5	± 1.0 0.5
Lamp type - Metal Halide		4 x 1000W	4 x 1000W	4 x 1000W	4 x 1000W
Coverage @ 5 ft candles (54 lux)	ft²	12,960	12,960	12,960	12,960
Generator insulation	class	H	H	H	H
Speed	rpm	1800	1800	1800	1800
Generator	type	Brushless*	Brushless*	Brushless	Brushless
Engine type		3 cylinder, liquid-cooled Kubota diesel engine		4 cylinder, liquid-cooled, Tier 4F Isuzu diesel engine	
Max. rated power at rated speed	hp rpm	13.1 1800	15.4 1800	31.5 1800	31.5 1800
Power rating specification		ISO 3046 IFN	ISO 3046 IFN	SAE J1349 NET	SAE J1349 NET
Displacement	in³	61.1	68.5	133	133
Fuel tank capacity	gal	57	57	57	57
Fuel cons. (full load)	gal/h	0.68	0.79	1.58	1.58
Run time (full load)**	hours	80.5	70	35	35
AC outlet receptacles					
120V - 20A Duplex GFCI		2	2	4	4
120/240V - 30A Twist Lock		1	1	2	2
120/240V - 50A Twist Lock		0	0	1	0
120/208V 3Ø 60A 4 pole		0	0	0	1

* With capacitor ** Calculated with useable fuel capacity.

Wide Body Light Towers

Standard vertical mast version

The new 5-section vertical mast light tower is hydraulically actuated, decreasing the time needed to set up on jobsites. The light bar design creates greater flexibility in directing the four metal halide light fixtures for greater light coverage on the jobsite. The wide body design still features the same great internal components, such as reliable engine options, long run fuel tank, and DOT trailer lights.

LTW 20Z3-V S

TECHNICAL DATA		LTW 6K-VS	LTW 8K-VS
Length x width x height (in transport mode)	in	131 x 75.5 x 101	131 x 75.5 x 101
Operating weight	lb	2850	2900
Shipping weight	lb	2440	2490
Maximum tower height	ft	25	25
Sound level	dB(A) at 23 ft	64	67
Output	kW	6	8
Frequency	Hz	60	60
Power factor	pf	1	1
Voltage regulation no load to full load	%	±6 10	±6 10
Lamp type	Metal Halide	4 x 1000 W	4 x 1000 W
Coverage @ 5 fc (54 lux)	ft²	12,960	12,960
Generator insulation	class	H	H
Speed	rpm	1800	1800
Generator	type	Brushless w/capacitor	Brushless w/capacitor
Engine type		liquid-cooled, diesel engine 3 cylinder, Tier 4, Kubota	
Max. rated power at rated speed	hp @ rpm	13.1 @ 1800	15.4 @ 1800
Power rating specification		ISO 3046 IFN	ISO 3046 IFN
Displacement	in³	61.1	68.5
Fuel tank capacity	gal	57	57
Fuel cons. (full load)	gal/h	0.68	0.79
Run time (full load)*	hours	80.5	70
AC outlet receptacles			
120V - 20A Duplex GFCI		2	2
120/240V - 30A twist lock		1	1

* Calculated with useable fuel capacity.

TECHNICAL DATA		LTW 20Z1-VS	LTW 20Z3-VS
Length x width x height (in transport mode)	in	131 x 75.5 x 101	131 x 75.5 x 101
Operating weight	lb	3345	3345
Shipping weight	lb	2935	2935
Maximum tower height	ft	25	25
Sound level	dB(A) at 23 ft	69	71.2
Output	kW	20	20
Frequency	Hz	60	60
Power factor	pf	1	1/0.8
Voltage regulation no load to full load	%	±1.5 1.0	±1.0 0.5
Lamp type	Metal Halide	4 x 1000 W	4 x 1000 W
Coverage @ 5 fc (54 lux)	ft²	12,960	12,960
Generator insulation	class	H	H
Speed	rpm	1800	1800
Generator	type	Brushless w/AVR	Brushless w/AVR
Engine type		liquid-cooled, diesel engine 4 cylinder, (interim Tier 4) Isuzu	
Max. rated power at rated speed	hp @ rpm	34.3 @ 1800	34.3 @ 1800
Power rating specification		SAE J1349 NET	SAE J1349 NET
Displacement	in³	133	133
Fuel tank capacity	gal	57	57
Fuel cons. (full load)	gal/h	1.58	1.58
Run time (full load)*	hours	35	35
AC outlet receptacles			
120V - 20A Duplex GFCI		4	4
120/240V - 30A twist lock		2	2
120/240V - 50A twist lock		1	-
120/208V 3Ø - 60A 4 pole		-	1

* Calculated with useable fuel capacity.

Light Balloons

The light balloon features a compact design providing optimal brightness without glare. Ideally suited for general job site illumination, road work, indoor illumination of concrete pours and party rentals. Light balloon features rugged, simple construction allowing for use almost anywhere a reliable light source is needed. A powerful and portable package to light your job site!

LBS 110M

Dehumidifiers

The Dryvex™ commercial line of dehumidifiers will keep your construction and restoration projects on schedule and on budget by decreasing drying time and increasing production time for interior finish work. Features include high impact rotomolded housing, lightweight integrated design and greater moisture removal at lower temperature and relative humidity. Unit is CSA approved.

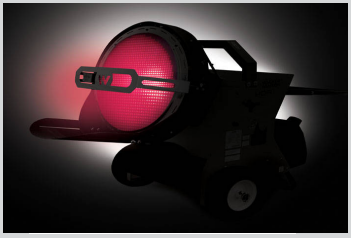
AD 85LGR

TECHNICAL DATA		LBS 110M	LBA 110M
Length x width x height	in	64 x 56 x 103 - 208	39 x 39 x 28
Balloon height (maximum/minimum)	ft	17.3 / 8.6	NA (no tripod)
Operating weight	lbs	93.5	56
Operating temperature (degrees)	F	-13° to 104°	-13° to 104°
Lamp type - Metal Halide		1000W	1000W
Luminous flux	lm	110,000	110,000
Balloon diameter	in	39	39
Balloon height	in	28	28
AC voltage	V	120	120
Frequency	Hz	60	60
Plug type		NEMA 5-15P	NEMA 5-15P
Length of cord (from ballast to generator)	ft	9.8	9.8
Steady state current	A	9.15	9.15

TECHNICAL DATA		AD 85LGR	AD 115LGR
Length x width x height	in	23.5 x 18 x 36.75	23.5 x 18 x 36.75
Weight	lbs	100	100
Voltage		115V	115V
Electrical requirement	amps	7.9A (15A circuit required)	11.3A (15A circuit required)
Airflow rating	cfm	300	300
System		Low Grain Refrigerant (LGR)	
Water drain hose	ft	30, with quick disconnect	
FEATURES			
Compressor type	Btu	Rotary, 10,000	Rotary, 11,200
Drying capacity	@ 80° F / 60% RH	83 pints / day	115 pints / day
Machine temperature range	°F	40 - 104	40 - 104
Refrigerant type		R-410A	R-410A
REFRIGERATION TYPE			
Cabinet		Polyethylene, rotomolded	
Stackable		Yes, 2-high horizontal or vertical	
Electronic controls		Yes	Yes
Hour meter		Digital display with battery backup	
Built in condensate pump		Yes, on demand with 20 ft lift	
Air filter		Pleated, 12" x 12" x 1" MERV 7	
External hose storage		Yes, integrated design	Yes, integrated design
Wheels		Yes, semi pneumatic	Yes, semi pneumatic

The units feature an extraction pump kit, hour meter, washable mesh air filter, control panel indicator lights, defrosting system, and optional remote humidistat control.

Direct Fired Radiant Heater



HDR 155

Infrared radiant heaters heat workspaces, personnel, and objects such as equipment, concrete formwork, or other structures directly, without the need to heat the surrounding air first. Unlike convective heat, infrared heat radiates directly from the heater surface and does not rely on warming the surrounding air, making it unaffected by wind or weather. The result is pure radiant heat, directed exactly where you need it!

TECHNICAL DATA		HDR 155
Dimensions (L x W x H)	in	55.5 x 28 x 41.5
Shipping dimensions (L x W x H)		40.3 X 27.8 X 43.5
Operating weight (with fuel)	lbs	280
Dry weight (without fuel)	lbs	161
Shipping weight	lbs	216
Gross Heat Input	Btu	155,000
Fuel type		Diesel
Fuel consumption	gph	1.11
Fuel capacity	gal	17.2
Run time	hr	15.5
Electrical requirement		120V, 60 Hz
Fire box		100% stainless steel
Radiant surface		100% stainless steel
Lift points		1

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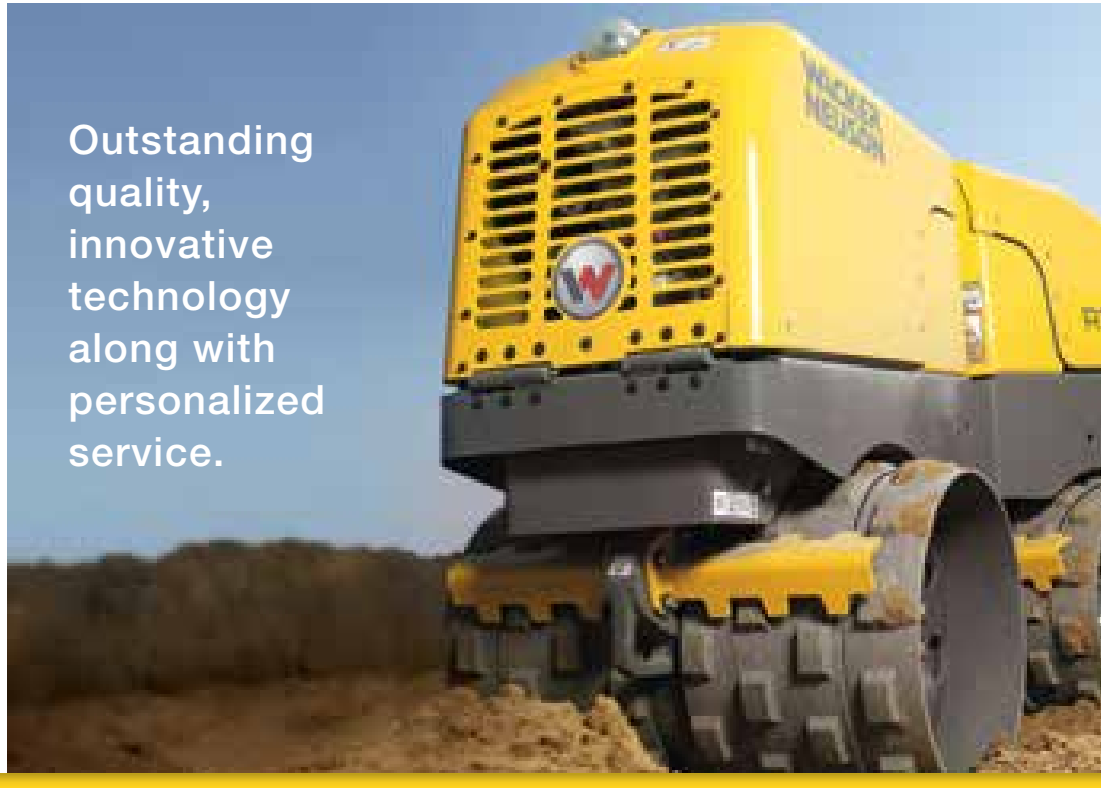

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Hydro Technology Systems Inc
504-419-4308 Tel. 1-504-347-5548 Fax.
Web: www.hydrotechnologysystems.us
Email: sales@hydrotechnologysystems.us