



MULTIQUIP



Rammax Single Drum Rollers



High production compaction

Construction Starts Here

www.multiquip.com



Rammax Single Drum Rollers

For the construction professional who needs top quality and high-production compaction, we offer the P/K series of single-drum rollers.

These rollers are packed with more design features and options than any competitive roller to provide the maximum in compaction and trench leveling. Configured in three drum widths—35", 48" and 54".

Four-point lift system on all units

Enhanced starting power with two batteries housed in rear of roller

Highest traction and gradability available—rear wheels and front drum are driven independently

Dual-hydraulic system — allows maximum power to both the drive and vibration systems



Model P48K4B

Hydraulic system allows operator to level in one pass and compact in the next, giving maximum power to either the blade or the vibratory eccentrics

Powered by a dependable Kubota three-cylinder water-cooled engine. Hood tilts back for excellent access to engine service points. Hood can be locked to protect from vandalism.

Heavy duty steel construction — 4.5mm - 7.0mm (body covers and hoods); 13mm - 25mm (housings and frame parts). Designed to withstand the roughest jobsite conditions.

Oil is supplied to the drum through ports machined within the side plates

Optional two-way or four-way blade to level backfill



Efficient operator's platform with foot controls for forward and reverse travel free the operator's hands for steering and blade control. A comfortable three-way adjustable seat and lockable control panel for security are standard.



Optional four-way blade allows for tilting of the blade angle to help smooth backfill before compacting. Blade features replaceable cutting edges.



Best compaction force in its class

Model P54KA4B



The P54K — a compaction force (22,480 lb.) found only on larger machines. An excellent choice for jobs where productivity is a top priority.

Our largest single drum rollers offer the greatest agility and highest compaction force ever! The padded drum P54KA and the smooth drum S54KA-series rollers are powered by a liquid-cooled, 4-cylinder, 68.9 HP Kubota diesel engine. Maintenance on the engine is simplified by a large clam shell engine cowling that provides easy access for service technicians.

The P54KA, when equipped with its optional 4-way blade, give the operator the capability of grading and compacting with the same roller. The S54K is a dedicated smooth drum roller equipped with adjustable amplitude settings for different soil applications. The operator may select low frequency with high amplitude, or optionally, a high frequency and low amplitude setting.

Dedicated smooth drum models available



Model P35K

At 39" wide this high-production roller fits in tight spaces most other rollers won't fit.

Bolt-on smooth-drum shell kits are available for each model size. The kits consist of three segments (instead of two halves) to simplify installation. The shell kits increase the ability to handle sub-base or other pad work that requires a smooth compaction finish.



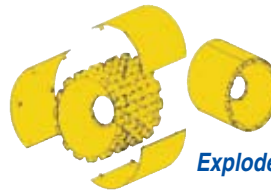
Rammax Single Drum Rollers – Specifications

© COPYRIGHT 2007, MULTIQUIP INC.

Model	S35K	P35K	P35K2B	P35K4B	S48K	P48K
Drum Type	Smooth	Padded	Padded	Padded	Smooth	Padded
Drum Width - in (mm)	35 (900)	35 (900)	35 (900)	35 (900)	47 (1200)	47 (1200)
Drum Diameter - in (mm)	31 (790)	31 (790)	31 (790)	31 (790)	35 (890)	35 (890)
Blade Type	N/A	N/A	2-Way	4-Way	N/A	N/A
Blade Width - in (mm)	N/A	N/A	43 (1100)	44 (1100)	N/A	N/A
Amplitude High - in (mm)	0.063 (1.8)	0.063 (1.8)	0.063 (1.8)	0.063 (1.8)	0.087 (2.2)	0.087 (2.2)
Amplitude Low - in (mm)	N/A	N/A	N/A	N/A	N/A	N/A
Centrifugal Force, High - lb (kg)	14387 (6525)	14387 (6525)	14387 (6525)	14387 (6525)	14100 (6396)	14100 (6396)
Centrifugal Force, Low - lb (kg)	N/A	N/A	N/A	N/A	N/A	N/A
Frequency - High/Low - vpm (Hz)	2040 (34)	2040 (34)	2040 (34)	2040 (34)	2040 (34)	2040 (34)
Articulation Angle - degrees	35	35	35	35	35	35
Gradeability w-w/o vibration - %	45/50	45/50	45/50	45/50	45/50	45/50
Travel Speed - mph (kph)	0-2.5 (0-4)	0-2.5 (0-4)	0-2.5 (0-4)	0-2.5 (0-4)	0-2.5 (0-4)	0-2.5 (0-4)
Diesel Engine (water cooled)	Kubota D1703	Kubota D1703	Kubota D1703	Kubota D1703	Kubota D1703	Kubota D1703
Engine Cylinders	3	3	3	3	3	3
Engine Power - HP (kW)*	27 (19.9.9)	27 (19.9.9)	27 (19.9.9)	27 (19.9.9)	33.5 (24.9)	33.5 (24.9)
Fuel Tank Capacity - gal (l)	9.2 (35)	9.2 (35)	9.2 (35)	9.2 (35)	9.2 (35)	9.2 (35)
Engine RPM	2800	2800	2800	2800	2800	2800
Hydraulic Oil Capacity - gal (l)	36 (138)	36 (138)	36 (138)	36 (138)	36 (138)	36 (138)
Length - in (mm)	105 (2660)	105 (2660)	119 (3010)	119 (3010)	118 (3000)	118 (3000)
Width - in (mm)	39 (1000)	39 (1000)	43 (1100)	43 (1100)	51 (1310)	51 (1310)
Height - in (mm)	89 (2250)	89 (2250)	89 (2250)	89 (2250)	89 (2250)	89 (2250)
Operating Weight - lb (kg)	3,950 (1792)	3,950 (1792)	4,420 (2005)	4,650 (2109)	4,180 (1900)	4,180 (1900)

Model	P48K2B	P48K4B	S54KA	P54KA	P54KA4B
Drum Type	Padded	Padded	Smooth	Padded	Padded
Drum Width - in (mm)	47 (1200)	47 (1200)	55 (1400)	55 (1400)	55 (1400)
Drum Diameter - in (mm)	35 (890)	35 (890)	42 (1070)	42 (1070)	42 (1070)
Blade Type	2-Way	4-Way	N/A	N/A	4-Way
Blade Width - in (mm)	56 (1410)	56 (1410)	N/A	N/A	61 (1542)
Amplitude High - in (mm)	0.087 (2.2)	0.087 (2.2)	0.071 (1.8)	0.071 (1.8)	0.071 (1.8)
Amplitude Low - in (mm)	N/A	N/A	0.031 (0.8)	N/A	N/A
Centrifugal Force, High - lb (kg)	14100 (6396)	14100 (6396)	22480 (10196)	22480 (10196)	22480 (10196)
Centrifugal Force, Low - lb (kg)	N/A	N/A	11240 (5098)	N/A	N/A
Frequency - High/Low - vpm (Hz)	2040 (34)	2040 (34)	2496 / 2040 (41.6/34)	N/A	N/A
Articulation Angle - degrees	35	35	30	30	30
Gradeability w-w/o vibration - %	45/50	45/50	45/45	45/45	45/45
Travel Speed - mph (kph)	0-2.5 (0-4)	0-2.5 (0-4)	(0-4.4)	(0-4.4)	(0-4.4)
Diesel Engine (water cooled)	Kubota D1703	Kubota D1703	Kubota V3300	Kubota V3300	Kubota V3300
Engine Cylinders	3	3	4	4	4
Engine Power - HP (kW)	33.5 (24.9)	33.5 (24.9)	68.9 (58.7)	68.9 (58.7)	68.9 (58.7)
Fuel Tank Capacity - gal (l)	9.2 (35)	9.2 (35)	17 (65)	17 (65)	17 (65)
Engine RPM	2800	2800	2650	2650	2650
Hydraulic Oil Capacity - gal (l)	36 (138)	36 (138)	37 (139)	37 (139)	37 (139)
Length - in (mm)	128 (3240)	128 (3240)	138 (3500)	138 (3500)	159 (4030)
Width - in (mm)	56 (1141)	56 (1141)	61 (1542)	61 (1542)	61 (1542)
Height - in (mm)	89 (2250)	89 (2250)	98 (2480)	98 (2480)	98 (2480)
Operating Weight - lb (kg)	4,620 (2100)	4,850 (2200)	6,994 (3150)	6,994 (3150)	7,496 (3400)

* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.



Exploded view of drum shell kit.

Single Drum Roller Accessories

- KIT35S Smooth Drum Shell Kit for P35
- KIT48S..... Smooth Drum Shell Kit for P48
- KIT54S Smooth Drum Shell Kit for P54



MULTIQUIP INC.
 POST OFFICE BOX 6254
 CARSON, CA 90749
 310-537-3700 • 800-421-1244
 FAX: 310-537-3927
 E-MAIL: mq@multiquip.com
 www.multiquip.com